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## 1 Orders:POST

## 2 POST /orders

Creates a new order and returns the unique order URI.

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### 2.2 Request

POST /orders

#### 2.2.1 URI Parameters

None.

#### 2.2.2 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

Optional. A cookie named **OwnerId** may be specified to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to a previous request for this resource (in the **Set-Cookie** response header).

#### 2.2.3 Request Body

```
{
  "clientId": {client_ip_address}
}
```

##### 2.2.3.1 Parameters

clientId - *string*

Optional. The IP address of the client that submitted the order. If not provided, the IP address of the client that called the API will be used. The IP address may be used to check the order for possible fraud. This parameter may be useful in cases where the API client accepts and relays orders from a 3rd-party customer (such as a shopping cart application). This parameter requires elevated permissions.

### 2.3 Response

#### 2.3.1 Status Code

Status Code	Error Message	Description
201 Created	-	The new order was created.
400 Bad Request	User cannot specify the client IP address	The client attempted to pass the client IP address and is not allowed. Use of this parameter requires elevated permissions.
409 Conflict	A new order has already been created for this ownerId	The client already has an open order. If the <b>OwnerId</b> cookie was passed in the request headers, a 409 will be returned if there's already an open (unsubmitted) order for the same client.

#### 2.3.2 Response Headers

Location

Returned with successful response. Contains the order URI. The client must use this URI for all subsequent operations with the order.

Set-Cookie

Returned with successful response. Contains an **OwnerId** value which must be submitted with all subsequent requests for this order. The **OwnerId** identifies the client and prohibits it from having more than one open (unsubmitted) orders.

## 2.3.3 Response Body

```
{
  "orderId": "{orderId}",
  "links": [
    {"href": "https://api.hostway.com/orders/", "rel": "self"},
    {"href": "https://api.hostway.com/orders/{orderId}", "rel": "item"}
  ]
}
```

### 2.3.3.1 Parameters

orderId - *string*  
The Id of the new order

links - *list*  
[Hypermedia](#) for this resource. Links to self and the newly created order.

## 2.4 Example

### 2.4.1 Create Order successfully

#### Request

```
POST /orders
Content-Type: application/json; charset=UTF-8
```

```
{}
```

#### Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf
Set-Cookie : OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "orderId": "0000013ad6dd95746a399f90000a71384bf242cf",
  "links": [
    {"href": "https://api.hostway.com/orders/", "rel": "self"},
    {"href": "https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf", "rel": "item"}
  ]
}
```

### 2.4.2 Create without permission to pass client IP

#### Request

```
POST /orders
Content-Type: application/json; charset=UTF-8
Authorization: Basic AuthString
{
  "clientId": "1.2.3.4"
}
```

#### Response

```
400 Bad Request
Content-Type: application/json; charset=UTF-8

{
  "computeFault": {
    "guid": "143336cd-1763-4fe9-b3e3-c1e172b14fae",
    "message": "User cannot specify the client IP address",
    "code": 400, "details": ""
  }
}
```

### 2.4.3 An open order already exists

#### Request

```
POST /orders
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=0b3fc7bd-6905-4de7-bddb-43d2c7365e7a

{}
```

#### Response

```
409 Conflict
Content-Type: application/json; charset=UTF-8

{
  "conflict": {
    "guid": "e250bf7e-688d-45ba-8308-58374529be58",
    "message": "A new order has already been created for this ownerId",
    "code": 409,
    "details": ""
  }
}
```

## 2.5 See also

- [Orders API](#)
- [Common Features](#)

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### 3 Orders-orderId:GET

# 4 GET /orders/{orderId}

Returns the content of an order specified by the URI.

## 4.1 Contents

- 1 GET /orders/{orderId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Get order information
    - ◇ 1.3.2 Get info with wrong OwnerId
    - ◇ 1.3.3 Unassociated user without cookie
    - ◇ 1.3.4 Unexisting order
  - ◆ 1.4 OPTIONS /orders/{order\_id}
    - ◇ 1.4.1 Parameters
    - ◇ 1.4.2 Request Headers
    - ◇ 1.4.3 Response Status Code
    - ◇ 1.4.4 Response Headers
  - ◆ 1.5 See also

## 4.2 Request

GET /orders/{orderId}

### 4.2.1 Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the **POST /orders** call.

### 4.2.2 URI Parameters

None.

### 4.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

Authorization  
Optional. Specify the **Authorization** header when requesting details for an order that was already submitted. Follow the instructions for API **Authentication**.

## 4.3 Response

### 4.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	Success.
401 Unauthorized	-	

The **OwnerId** cookie or the **Authorization** header are not specified or do not permit access to the specified order.

403 Forbidden      Unauthorized: Order failed permission check

Access an associated order as an authenticated user, not associated with the order.

404 Not Found      Resource not found

The specified order does not exist.

### 4.3.2 Response Body

The response body may contain additional information beyond what is specified in the documentation. Such information should be ignored or treated as volatile, since it may change in the future.

```
{
  "order": {
    "Status": "{orderStatus}",
    "Account": "{accountUrl}"
  },
  "links": {
    "self": {"href": "https://api.hostway.com/orders/{orderId}/", "rel": "self"}
  }
}
```

#### 4.3.2.1 Parameters

orderStatus - *string*

The status of the order.

accountUrl - *string (optional)*

[Hypermedia](#) for the account of this order. Link to the account.

links - *list*

[Hypermedia](#) for this resource. Link to the order.

## 4.4 Example

### 4.4.1 Get order information

#### Request

```
GET /orders/0000013ca61880fbfc068b33000a02c9d8ef861c
Cookie: OwnerId=948ce0d4-7cf0-43b6-88a5-2b3f1331b689; Path=/
```

#### Response

```
200 OK
Content-Type: application/json; charset=UTF-8

{
  "order": {
    "Status": "new",
    "Account": "http://accounts/acc20130821"
  },
  "links": [ {
    "href": "https://api.hostway.com/orders/0000013ca61880fbfc068b33000a02c9d8ef861c/",
    "rel": "self"
  } ]
}
```

### 4.4.2 Get info with wrong OwnerId

#### Request

```
GET /orders/000001483b9336c4be0a0c89000a19010d347ea1
Cookie: OwnerId={wrong_order_id}; Path=/
```

#### Response

```
401 Unauthorized
Content-Type: text/plain; charset=UTF-8
```

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

### 4.4.3 Unassociated user without cookie

#### Request

```
GET /orders/000001483b9336c4be0a0c89000a19010d347ea2
Authorization: {unassociated_user_authorization}
```

#### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8

{
  "forbidden": {
    "guid": "4dle97e2-1497-48d5-b7a3-b3726656c4b5",
    "message": "Unauthorized: Order failed permission check",
    "code": 403,
    "details": ""
  }
}
```

## 4.4.4 Unexisting order

### Request

```
GET /orders/000001483b9336c4be0a0c89000a19010d347ea2
Cookie: OwnerId=0b3fc7bd-6905-4de7-bddb-43d2c7365e7a; Path=/
```

### Response

```
404 Not Found
Content-Type: application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "286aab08-7a2b-41a7-81fa-6530f14ed728",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 4.5 OPTIONS /orders/{order\_id}

In addition to the GET method the API supports the OPTIONS method for direct browser access to the API. The format of the request is:

```
OPTIONS /orders/{order_id}
```

### 4.5.1 Parameters

`order_id` - *string*

The unique order Id. The full URI of each order is returned by the [POST /orders](#) call.

### 4.5.2 Request Headers

**Cookie**  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 4.5.3 Response Status Code

200 OK  
Success.

404 Not Found  
The specified order does not exist.

### 4.5.4 Response Headers

**Access-Control-Allow-Methods**  
A comma-separated list of request methods supported on this URI.

**Access-Control-Allow-Origin**  
All origins are allowed. This header has value \*.

## 4.6 See also

- [Orders API](#)
- [Common Features](#)

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## 5 Orders-orderId:DELETE

## 6 DELETE /orders/{orderId}

Deletes an order. Only new orders that were not submitted can be deleted.

### 6.1 Contents

- 1 DELETE /orders/{orderId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 No permission
    - ◇ 1.3.3 Unassociated user without cookie
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Order has already been submitted
  - ◆ 1.4 See also

### 6.2 Request

DELETE /orders/{orderId}

#### 6.2.1 Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 6.2.2 URI Parameters

None.

#### 6.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 6.3 Response

#### 6.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	Order was successfully deleted.
401 Unauthorized	-	The <b>OwnerId</b> cookie or the <b>Authorization</b> header are not specified or do not permit deletion of the specified order.
403 Forbidden	Unauthorized: Order failed permission check	Access an associated order as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist or it was previously deleted.
405 Method Not Allowed	Method not allowed	The order was submitted and cannot be deleted.

### 6.4 Example

#### 6.4.1 Success

##### Request

```
DELETE /orders/0000013ca61880fbfc068b33000a02c9d8ef861c
Cookie: OwnerId=948ce0d4-7cf0-43b6-88a5-2b3f1331b689; Path=/
```

##### Response

204 No Content

## 6.4.2 No permission

### Request

```
DELETE /orders/000001483b9336c4be0a0c89000a19010d347ea2
Cookie: OwnerId=wrong_owner_id; Path=/
```

### Response

```
401 Unauthorized
Content-Type: text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

## 6.4.3 Unassociated user without cookie

### Request

```
DELETE /orders/000001483b9336c4be0a0c89000a19010d347ea2
Authorization: {unassociated_user_authorization}
```

### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8
```

```
{
  "forbidden" : {
    "guid" : "bb99d8e5-cb4a-4c87-9c03-57743ef06ac7",
    "message" : "Unauthorized: Order failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

## 6.4.4 Order does not exist

### Request

```
DELETE /orders/000001483b9336c4be0a0c89000a19010d347ea2
Cookie: OwnerId=0b3fc7bd-6905-4de7-bddb-43d2c7365e7a; Path=/
```

### Response

```
404 Not Found
Content-Type: application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "3d9b09b4-9737-473b-91a5-6a8d2d212581",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 6.4.5 Order has already been submitted

### Request

```
DELETE /orders/0000013ca61880fbfc068b33000a02c9d8ef861c
Cookie: OwnerId=948ce0d4-7cf0-43b6-88a5-2b3f1331b689; Path=/
```

### Response

```
405 Method Not Allowed
Content-Type: application/json; charset=UTF-8
```

```
{
  "badMethod": {
    "guid": "93343aac-1451-4ed1-bca8-ac143f263cbe",
    "message": "Method not allowed",
    "code": 405,
    "details": ""
  }
}
```

## 6.5 See also

- [Orders API](#)
- [Common Features](#)

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## 7 Orders-orderId-action:POST

## 8 POST /orders/{orderId}/action

Performs an action like validating or submitting an order.

### 8.1 Contents

- 1 POST /orders/{orderId}/action
  - ◆ 1.1 Request
    - ◇ 1.1.1 Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
    - ◇ 1.1.5 Notes
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Error Response
  - ◆ 1.3 Examples
    - ◇ 1.3.1 Submit an order
    - ◇ 1.3.2 Validate an order
    - ◇ 1.3.3 Submit an order with invalid quote
    - ◇ 1.3.4 Order without contact info
    - ◇ 1.3.5 Submit an order before a service is added
    - ◇ 1.3.6 Order without domain attribute
    - ◇ 1.3.7 Unassociated user without cookie
    - ◇ 1.3.8 Order containing a domain with blacklisted word
    - ◇ 1.3.9 Domain associated with another account
  - ◆ 1.4 OPTIONS /orders/{orderId}/action
    - ◇ 1.4.1 Parameters
    - ◇ 1.4.2 Request Headers
    - ◇ 1.4.3 Response Status Code
    - ◇ 1.4.4 Response Headers
  - ◆ 1.5 See also

### 8.2 Request

POST /orders/{orderId}/action

#### 8.2.1 Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 8.2.2 URI Parameters

None.

#### 8.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 8.2.4 Request Body

```
{
  "action": "{action}",
  "actionData": {actionData}
  "quoteHash": {quoteId}
}
```

##### 8.2.4.1 Parameters

action - *string*  
The action that should be performed. Allowed values are:  
**validate** - checks the integrity of the order.  
**submit** - submits the order for processing.

actionData - *dictionary*  
Optional. Reserved for data specific for the requested action.

quoteHash - *string*

Optional. Specifies the Id of the previously obtained quote to be used with the action.

## 8.2.5 Notes

If a sales agent authorization is provided, the submitted order will be assigned an agent.

## 8.3 Response

### 8.3.1 Status Code

Status Code	Error Message	Description
202 Accepted	-	The requested action was initiated successfully (in case of "submit" action). Check the status of the order for future updates.
204 No Content	-	The requested action was successfully completed (in case of "validate" action)
	Account has not been set	Cannot check contact info because no account (new or existing) has been set in the order.
		Cannot add test attribute because account has not been set.
400 Bad Request	No {attribute_name} attribute set.	A required account attribute has not been set.
	Contact info type {contact_type} is not set	A required contact info type has not been set.
	All plans in the order must contain at least one product.	A product does not contain any service.
	Missing plugin data for service type(s): set([u'core.www'])	Service is missing attribute <b>domain</b> .
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to perform actions on this order.
403 Forbidden	Unauthorized: Action failed permission check	An unassociated user cannot validate or submit order.
404 Not Found	Resource not found	The specified order does not exist.
		<b>Domain-dependent services:</b>
	Cannot create domain alias to the same domain name.	Duplicate domain.
	Domain {domain_name} is associated with another account	One of the domains to be ordered is already owned by another account
409 Conflict	A domain in the order contains a restricted word	One of the domains contains blacklisted word.
	Contains a blacklisted domain	One of the domains to be ordered is blacklisted.
	Transfer is already in progress for this domain	A transfer is in progress for a domain.
	<b>Email domain alias service:</b>	<b>A domain alias would produce impossible to delivery loops</b>
	Domain {domain_name} has circular forwards to alias {alias_name}	There is an email forwarder from the target domain name to a mailbox of the domain alias with the same username
		There is an email forwarder from the domain alias to a mailbox of the target domain name with the same username
502 Bad Gateway	-	Unexpected backend response. Cannot submit or validate order.

### 8.3.2 Response Body

Depends on the result.

#### 8.3.2.1 Error Response

```
{
  "{errorType}": {
    "message": "{errorMessage}",
    "code": {errorCode},
    "details": "{errorDetails}"
  }
}
```

## 8.4 Examples

### 8.4.1 Submit an order

#### Request

```
POST /orders/0000013ca61880fbfc068b33000a02c9d8ef861c/action
Content-Type:application/json; Charset=UTF-8
Cookie: OwnerId=948ce0d4-7cf0-43b6-88a5-2b3f1331b689; Path=/

{
  "action": "submit"
}
```

#### Response

202 Accepted

### 8.4.2 Validate an order

#### Request

```
POST /orders/0000013ca61880fbfc068b33000a02c9d8ef861c/action
Content-Type:application/json; Charset=UTF-8
Cookie: OwnerId=948ce0d4-7cf0-43b6-88a5-2b3f1331b689; Path=/
```

```
{
  "action": "validate"
}
```

## Response

204 No Content

### 8.4.3 Submit an order with invalid quote

#### Request

```
POST /orders/0000013ca61880fbfc068b33000a02c9d8ef861c/action
Content-Type:application/json; Charset=UTF-8
Cookie: OwnerId=948ce0d4-7cf0-43b6-88a5-2b3f1331b689; Path=/
```

```
{
  "action" : "submit",
  "quoteHash" : "invalid_quote_id"
}
```

#### Response

400 Bad Request

```
{
  "computeFault": {
    "message": "Account has not been set",
    "code": 400,
    "details": ""
  }
}
```

### 8.4.4 Order without contact info

#### Request

```
POST /orders/{orderId}/action
Content-Type:application/json; Charset=UTF-8
Cookie: OwnerId={ownerId}; Path=/
```

```
{
  "action" : "submit",
  "quoteHash" : "{quoteId}"
}
```

#### Response

400 Bad Request

```
{
  "computeFault": {
    "guid": "32adf6a1-e710-4362-83c7-7743c7097db9",
    "message": "Contact info type \"regular\" is not set",
    "code": 400,
    "details": ""
  }
}
```

### 8.4.5 Submit an order before a service is added

#### Request

```
POST /orders/{orderId}/action
Content-Type:application/json; Charset=UTF-8
Cookie: OwnerId={ownerId}; Path=/
```

```
{
  "action" : "submit",
  "quoteHash" : "{quoteId}"
}
```

#### Response

400 Bad Request

```
{
  "computeFault": {
    "guid": "7ef492af-3ebe-4334-9e37-5b0365977ef2",
    "message": "All plans in the order must contain at least one product.",
    "code": 400,
    "details": ""
  }
}
```

### 8.4.6 Order without domain attribute

#### Request

```
POST /orders/{orderId}/action
Content-Type:application/json; Charset=UTF-8
Cookie: OwnerId={ownerId}; Path=/
```

```
{
  "action" : "submit",
  "quoteHash" : "{quoteId}"
}
```

```
}
```

## Response

400 Bad Request

```
{
  "computeFault": {
    "guid": "bc2e3c0c-b4da-43e2-b576-7801180bfb6e",
    "message": "Missing plugin data for service type(s): set ([u'core.www'])",
    "code": 400,
    "details": ""
  }
}
```

### 8.4.7 Unassociated user without cookie

#### Request

POST /orders/000001483b9336c4be0a0c89000a19010d347ea2/action  
Authorization: {unassociated\_user\_authorization}  
Content-Type: application/json; charset=UTF-8

```
{
  "action": "validate"
}
```

#### Response

403 Forbidden  
Content-Type: application/json; charset=UTF-8

```
{
  "forbidden": {
    "guid": "4d1e97e2-1497-48d5-b7a3-b3726656c4b5",
    "message": "Unauthorized: Order failed permission check",
    "code": 403,
    "details": ""
  }
}
```

### 8.4.8 Order containing a domain with blacklisted word

#### Request

POST /orders/{orderId}/action  
Content-Type:application/json; Charset=UTF-8  
Cookie: OwnerId={ownerId}; Path=/

```
{
  "action" : "submit",
  "quoteHash" : "{quoteId}"
}
```

#### Response

409 Conflict

```
{
  "conflict": {
    "guid": "bfb2988f-d745-4b2a-9eff-f2deed3451db",
    "message": "A domain in the order contains a restricted word",
    "code": 409,
    "details": ""
  }
}
```

### 8.4.9 Domain associated with another account

#### Request

POST /orders/{orderId}/action  
Content-Type:application/json; Charset=UTF-8  
Cookie: OwnerId={ownerId}; Path=/

```
{
  "action" : "submit",
  "quoteHash" : "{quoteId}"
}
```

#### Response

409 Conflict

```
{
  "conflict": {
    "guid": "3fcd11ec-ffb9-47be-b14e-53a74ecb7de2",
    "message": "Domain ng-test-hwus-petre-140718a.com is associated with another account",
    "code": 409,
    "details": ""
  }
}
```

## 8.5 OPTIONS /orders/{orderId}/action

In addition to the POST method the API supports the OPTIONS method for direct browser access to the API. The format of the request is:

OPTIONS /orders/{orderId}/action



### 8.5.1 Parameters

orderId - *string*

The unique order Id. The full URI of each order is returned by the [POST /orders](#) call.

### 8.5.2 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 8.5.3 Response Status Code

200 OK

Success

404 Not Found

The specified order does not exist.

### 8.5.4 Response Headers

Access-Control-Allow-Methods

A comma-separated list of request methods supported on this URI.

Access-Control-Allow-Origin

All origins are allowed. This header has value \*.

## 8.6 See also

- [Orders API](#)
- [Common Features](#)

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## 9 Order Shorthand

## 10 /order

A shorthand that allows a user to access directly the current open order with the appropriate OwnerId.

### 10.1 Contents

- 1 /order
  - ◆ 1.1 Request Headers
  - ◆ 1.2 Order Shorthand
  - ◆ 1.3 Available Methods and Child Resources
  - ◆ 1.4 Implicit Order Creation
  - ◆ 1.5 Response Headers
  - ◆ 1.6 Additional Status Code
    - ◇ 1.6.1 Status Code
  - ◆ 1.7 OwnerId cookie
    - ◇ 1.7.1 Definition and purpose
    - ◇ 1.7.2 Order states and OwnerId cookie life cycle
      - 1.7.2.1 Fresh client session
      - 1.7.2.2 Subsequent calls to order shorthand resources/subresources
      - 1.7.2.3 Order instance deletion or submission
      - 1.7.2.4 Refreshing the OwnerId cookie after the order gets deleted or submitted
    - ◇ 1.7.3 CORS (Cross-origin resource sharing) and OwnerId cookie
  - ◆ 1.8 Examples
    - ◇ 1.8.1 Implicit Creation
    - ◇ 1.8.2 Alternate Hypermedia
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  - ◆ 1.9 See also

### 10.2 Request Headers

**Cookie**  
Required. Any call trying to use the shorthand notation has to have a valid **OwnerId** cookie set, with the exception of calls that will create a new order implicitly. A valid **Set-Cookie** header is returned with the response of either implicit or explicit order creation calls.

### 10.3 Order Shorthand

Using `/order` will try to find an order with status *new* that is associated with the **OwnerId** specified in the cookie header sent with the request. The value of the cookie may be set by either explicit or implicit order creation.

### 10.4 Available Methods and Child Resources

The shorthand supports all the methods that are available when using the `/orders/{orderId}` notation and all of the order's child resources are also accessible using the shorthand. A GET call to the order shorthand itself will include an *alternate* link to the explicit URL of the order in the hypermedia section. If an order is submitted using the shorthand URL, a **Location** header containing the explicit location of the order will be returned with a successful response for future reference.

### 10.5 Implicit Order Creation

If there is no current order associated with the active user, that is not submitted, a PUT or POST call to a child resource will implicitly create a new order for the user and will populate the data of the actual call to the new order. The final response of the implicitly created order will contain additional **Set-Cookie** header as described below. A GET or OPTIONS call to a non-existing order will not create it implicitly, but will return response with **404** status code.

### 10.6 Response Headers

**Set-Cookie**  
If an order is created implicitly while accessing a child resource, the final response will include a **Set-Cookie** header containing an **OwnerId** identifier, in a similar way to explicit creation of an order using `POST /orders`. The cookie will be used to identify the end user, if no existing account is associated with the order, and to find which is the currently open order associated with the end client.

### 10.7 Additional Status Code

In addition to the response status codes that can be returned by various `/orders/{orderId}` calls, the order shorthand may also return:

#### 10.7.1 Status Code

Status Code	Error Message	Description
405 Method Not Allowed	-	Trying to create a shortcut <code>/order</code> directly with PUT or POST
409 Conflict	-	There is already a new order associated with the same <b>OwnerId</b> and a second order cannot be created until the existing one is either submitted or deleted..

### 10.8 OwnerId cookie

#### 10.8.1 Definition and purpose

The Order API defines the so called order shorthand. The Order shorthand is exposing all Order API resources and subresources, without supplying the order id. This means that at given time only one order instance is available to a client session. The Order API identifies the order instance by using

"OwnerId" cookie.

## 10.8.2 Order states and OwnerId cookie life cycle

### 10.8.2.1 Fresh client session

When client with fresh session starts using the Order API through the shorthand the order API is designed to create order instance implicitly. The created order instance is in "new" state. When the order instance is created, the Order API will return a Set-Cookie HTTP header for setting the "OwnerId" cookie into the client session.

### 10.8.2.2 Subsequent calls to order shorthand resources/subresources

Once the OwnerId has been set to the client session, the client should start providing the OwnerId cookie in all subsequent calls to Order API. Receiving request with OwnerId cookie will make Order API search for order instance in "new" state, identified by the OwnerId

### 10.8.2.3 Order instance deletion or submission

From "new" state the order instance can be deleted or submitted for provisioning. If the order is submitted its state will be changed to "placed".

### 10.8.2.4 Refreshing the OwnerId cookie after the order gets deleted or submitted

Subsequent calls, which identifies deleted or "placed" order instance will trigger Order API to implicitly create a new order instance and respond with Set-Cookie HTTP header with a new OwnerId value. The client session should start using the new OwnerId value when calling the Order API.

## 10.8.3 CORS (Cross-origin resource sharing) and OwnerId cookie

All browser based clients should abide the security policies enforced by the browsers itself. One such policy is the same origin security policy. To overcome the same origin security policy the browsers are providing the so called CORS (Cross-origin resource sharing) mechanism - [http://en.wikipedia.org/wiki/Cross-origin\\_resource\\_sharing](http://en.wikipedia.org/wiki/Cross-origin_resource_sharing).

Basically the CORS mechanism makes the browsers to "disallow" requests which are originating from domain that does not match one of the Access-Control-Allow-Origin response header values. Ideally the Public API should allow calls, originated from all domains, by setting the Access-Control-Allow-Origin response header to \* (Asterisk). Unfortunately when the requests are containing cookies the CORS mechanism dictates that the Access-Control-Allow-Origin should be very specific to the allowed domains([https://developer.mozilla.org/en-US/docs/HTTP/Access\\_control\\_CORS?redirectlocale=en-US&redirectslug=HTTP\\_access\\_control#Requests\\_with\\_credentials](https://developer.mozilla.org/en-US/docs/HTTP/Access_control_CORS?redirectlocale=en-US&redirectslug=HTTP_access_control#Requests_with_credentials)) meaning that your domain should be set into the Public API allowed domains. If your domain is not set to the Public API allowed domains, then please contact your sales or technical person and ask them to do that for you.

## 10.9 Examples

### 10.9.1 Implicit Creation

#### Request

```
PUT /order/account
Content-Type: application/json; charset=UTF-8
Authorization: {Base64-encoded username & password string}
```

```
{
  "currency": "USD",
  "language": "en-US"
}
```

#### Response

```
200 OK
Set-Cookie: OwnerId=4d84cd13-bbb3-46ba-a40c-8988351e3681; Path=/order
Set-Cookie: OwnerId=4d84cd13-bbb3-46ba-a40c-8988351e3681; Path=/orders
```

### 10.9.2 Alternate Hypermedia

#### Request

```
GET /order
Authorization: {Base64-encoded username & password string}
Cookie: OwnerId=4d84cd13-bbb3-46ba-a40c-8988351e3681; Path=/order
```

#### Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "order": {
    "OwnerId": "4d84cd13-bbb3-46ba-a40c-8988351e3681"
  },
  "links": {
    "self": { "href": "https://api.hostway.com/order/", "rel": "self" },
    "alternate": { "href": "https://api.hostway.com/orders/{orderId}/", "rel": "alternate" }
  }
}
```

### 10.9.3 Accessing a Child Resource

#### Request

```
GET /order/product/{productId}
Authorization: {Base64-encoded username & password string}
Cookie: OwnerId=4d84cd13-bbb3-46ba-a40c-8988351e3681; Path=/order
```

#### Response

200 OK  
Content-Type: application/json; charset=UTF-8

```
{
  "status": "new",
  "services": "https://api.hostway.com/order/product/{productId}/services",
  "offering": "https://api.hostway.com/productSpecifications/{productSpecId}/offerings/{offering}",
  "links": [
    { "href": "https://api.hostway.com/order/product/{productId}/", "rel": "self" }
  ]
}
```

## 10.10 See also

- [Orders API](#)
- [Common Features](#)

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## 11 Orders-orderId-attributes:PUT

## 12 PUT /orders/{orderId}/attributes

Set the list of attributes for an order.

### 12.1 Contents

- 1 PUT /orders/{orderId}/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Set order attributes correctly
    - ◇ 1.3.2 Set order attributes with invalid key
    - ◇ 1.3.3 Set order attributes with malformed body
    - ◇ 1.3.4 Set order attributes without authenticating
    - ◇ 1.3.5 Unassociated user without cookie
    - ◇ 1.3.6 Set order attributes of unexisting order
  - ◆ 1.4 See also

### 12.2 Request

PUT /orders/{orderId}/attributes

#### 12.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 12.2.2 URI Parameters

None.

#### 12.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 12.2.4 Request Body

```
[
  {
    "name": "{attributeName}",
    "value": "{attributeValue}"
  },
  {
    "name": "{attributeName}",
    "value": "{attributeValue}"
  }
]
```

##### 12.2.4.1 Parameters

attributeName - *string*

The unique name of the attribute. The list of supported attribute names is specific to the franchise. The common attributes include:  
**AffiliateId** - identifies an affiliate.

attributeValue - *string*

The value of the attribute max 200 characters. Should adhere to the rules for the attribute specified by the name.

## 12.3 Response

### 12.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The order attributes were successfully set.
400 Bad Request	POST data error Could not find MetaData Type {attribute_key} for franchise {franchise}.	The request body format is invalid. The attribute name is not supported by the franchise, the attribute value is invalid (e.g: too long, contains invalid characters, etc).
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to set order attributes.
403 Forbidden	Unauthorized: Attributes failed permission check	Set order attributes as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist.
502 Bad Gateway	-	A critical (unknown) error occurred.

## 12.4 Example

### 12.4.1 Set order attributes correctly

#### Request

```
PUT /orders/{orderId}/attributes
Cookie: OwnerId={owner_id}; Path=/

[ {"name": "_utma", "value": "utma_val"}, {"name": "_utmb", "value": "utmb_val"} ]
```

#### Response

204 No Content

### 12.4.2 Set order attributes with invalid key

#### Request

```
PUT /orders/{orderId}/attributes
Cookie: OwnerId={owner_id}; Path=/

[ {"name": "nonexistent_key", "value": "some_value"} ]
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8

{
  "computeFault": {
    "guid": "5b01960d-4110-43f0-b58f-d3178db61c6d",
    "message": "Could not find MetaData Type nonexistent_key for franchise hostway_us_main",
    "code": 400, "details": ""
  }
}
```

### 12.4.3 Set order attributes with malformed body

#### Request

```
PUT /orders/{orderId}/attributes
Cookie: OwnerId={owner_id}; Path=/

[ {"_utma": "utma_val"} ]
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8

{
  "badRequest": {
    "guid": "9a6b18b4-66cf-4b5e-bee6-f4f44c0b9450",
    "message": "POST data error",
    "code": 400,
    "details": {
      "0.name": "Required",
      "0.value": "Required"
    }
  }
}
```

### 12.4.4 Set order attributes without authenticating

#### Request

```
PUT /orders/{orderId}/attributes
Cookie: OwnerId={owner_id}; Path=/

[ {"name": "nonexistent_key", "value": "some_value"} ]
```

#### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```



401 Unauthorized  
This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 12.4.5 Unassociated user without cookie

#### Request

```
PUT /orders/{orderId}/attributes
Authorization: {unassociated_user_authorization}

[ {"name": "_utma", "value": "utma_val"}, {"name": "_utmb", "value": "utmb_val"} ]
```

#### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8

{
  "forbidden": {
    "guid": "4dle97e2-1497-48d5-b7a3-b3726656c4b5",
    "message": "Unauthorized: Attributes failed permission check",
    "code": 403,
    "details": ""
  }
}
```

### 12.4.6 Set order attributes of unexisting order

#### Request

```
PUT /orders/{orderId}/attributes
Cookie: OwnerId={owner_id}; Path=/

[ {"_utma": "utma_val"} ]
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "6273e2fb-6efd-4294-9281-7alea664cf11",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 12.5 See also

- [Orders API](#)
- [Common Features](#)

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## 13 Orders-orderId-attributes:GET

# 14 GET /orders/{orderId}/attributes

Get the list of attributes for an order.

## 14.1 Contents

- 1 GET /orders/{orderId}/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully retrieve order attributes
    - ◇ 1.3.2 Wrong authorization
    - ◇ 1.3.3 Unassociated user without cookie
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 No attributes set
  - ◆ 1.4 See also

## 14.2 Request

GET /orders/{orderId}/attributes

### 14.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

### 14.2.2 URI Parameters

None.

### 14.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

## 14.3 Response

### 14.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	Successfully retrieved order attributes.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to retrieve order attributes.
403 Forbidden	Unauthorized: Attributes failed permission check	Access order attributes as an authenticated user, not associated with the order.
404 Not Found	Resource not found MetaData is missing.	Order does not exist. Attributes have not been set.
502 Bad Gateway	Unable to get attributes	Unexpected (backend) error. Unable to retrieve order attributes.

### 14.3.2 Response Body

```
{
  "list": [
    {
      "name": "{attributeName}",
      "value": "{attributeValue}"
    },
    ...
  ]
}
```

```

    ],
    "links": [
      { "href": "https://api.hostway.com/orders/{orderId}/attributes/", "rel": "self" }
    ]
  }
}

```

#### 14.3.2.1 Parameters

**attributeName** - *string*  
The unique name of the attribute.

**attributeValue** - *string*  
The value of the attribute.

**links** - *list*  
[Hypermedia](#) for this resource.

## 14.4 Example

### 14.4.1 Successfully retrieve order attributes

#### Request

```

GET /orders/000001485a3c75c8569447b3007f000000010001/attributes
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

200 OK
Content-Type : application/json; charset=UTF-8

{
  "list" : [ {
    "name" : "_utmb",
    "value" : "utmb_val"
  }, {
    "name" : "_utma",
    "value" : "utma_val"
  } ],
  "links" : [ {
    "href" : "https://api.hostway.com/orders/000001485a3c75c8569447b3007f000000010001/attributes/",
    "rel" : "self"
  } ]
}

```

### 14.4.2 Wrong authorization

#### Request

```

GET /orders/{orderId}/attributes
Cookie: OwnerId={wrong_owner_id}; Path=/

```

#### Response

```

401 Unauthorized
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

This server could not verify that you are authorized to access the document you requested.
Either you supplied the wrong credentials (e.g., bad password),
or your browser does not understand how to supply the credentials required.

```

### 14.4.3 Unassociated user without cookie

#### Request

```

GET /orders/{orderId}/attributes
Authorization: {unassociated_user_authorization}

```

#### Response

```

403 Forbidden
Content-Type: application/json; charset=UTF-8

{
  "forbidden": {
    "guid": "4d1e97e2-1497-48d5-b7a3-b3726656c4b5",
    "message": "Unauthorized: Attributes failed permission check",
    "code": 403,
    "details": ""
  }
}

```

### 14.4.4 Order does not exist

#### Request

```

GET /orders/{wrong_orderId}/attributes
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

404 Not found

```

Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "ee20516d-011e-44ea-99d2-ae7a2b6fe99a",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

### 14.4.5 No attributes set

#### Request

GET /orders/{orderId}/attributes  
Cookie: OwnerId={owner\_id}; Path=/

#### Response

404 Not found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "ee20516d-011e-44ea-99d2-ae7a2b6fe99a",
    "message": "MetaData is missing.",
    "code": 404,
    "details": ""
  }
}
```

## 14.5 See also

- [Orders API](#)
- [Common Features](#)

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## 15 Orders-orderId-account:PUT

## 16 PUT /orders/{orderId}/account

Assign an Account to an Order.

### 16.1 Contents

- 1 PUT /orders/{orderId}/account
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Request Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
  - ◆ 1.3 Example
    - ◇ 1.3.1 The currency is not supported by the franchise
    - ◇ 1.3.2 Missing currency
    - ◇ 1.3.3 Missing currency and language
    - ◇ 1.3.4 No authorization
    - ◇ 1.3.5 Unassociated user without cookie
    - ◇ 1.3.6 A test partner agent assigns a non-test account
    - ◇ 1.3.7 Inconsistent currency
  - ◆ 1.4 See also

### 16.2 Request

PUT /orders/{orderId}/account

#### 16.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 16.2.2 URI Parameters

None.

#### 16.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 16.2.4 Request Body

##### Request Body for adding a new Account to the Order

```
{
  "currency": "{currency}",
  "language": "{language}"
}
```

##### Request Body for adding an existing Account to the Order

```
{
  "accountNumber": "{accountNumber}"
}
```

##### 16.2.4.1 Request Parameters

currency - *string*

An ISO-4217[1] currency code assigned to the account.

language - *string*

An IETF[2] language tag (ex. en, en-CA, en-US, etc.) specifying account's language.

accountNumber - *string*

The unique account number for an existing account.

## 16.3 Response

### 16.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The account was successfully set.
400 Bad Request	POST data error Currency {unsupported_currency} not allowed for this franchise Language {unsupported_language} not allowed for this franchise	The request body format is invalid. Missing language or currency. The currency is not supported by the franchise. The language is not supported by the franchise.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to perform add account for this order.
403 Forbidden	Trying to add a non-test account with invalid credentials: test partner agents cannot add non-test accounts Unauthorized: OrderAccount failed permission check	-
409 Conflict	Trying to add an account with inconsistent currency: the order has already products with {product_currency} while the account you are adding uses {account_currency}	Attempt to set currency that is different from currencies of the products or that of the existing account.
502 Bad Gateway	-	Unexpected backend response.

### 16.3.2 Response Body

None.

## 16.4 Example

### 16.4.1 The currency is not supported by the franchise

#### Request

```
PUT /orders/{orderId}/account
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "currency": "BGN",
  "language": "en-US"
}
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8

{
  "computeFault" : {
    "guid" : "ee39580b-8c74-4c0a-aall-4de5864d8e51",
    "message" : "Currency BGN not allowed for this franchise",
    "code" : 400,
    "details" : ""
  }
}
```

### 16.4.2 Missing currency

#### Request

```
PUT /orders/{orderId}/account
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "language": "en-US"
}
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8

{
  "badRequest": {
    "guid": "6f96c728-e6b6-4ca3-bd97-f931d2cd326c",
    "message": "POST data error",
    "code": 400, "details": {
      "currency": "Required"
    }
  }
}
```

### 16.4.3 Missing currency and language

#### Request

```
PUT /orders/{orderId}/account
Cookie: OwnerId={owner_id}; Path=/
```

```
{ }
```

#### Response



```

400 Bad Request
Content-Type : application/json; charset=UTF-8

{
  "badRequest" : {
    "guid" : "f4b6f4b6-fa15-4649-9c31-ec9b7b8150db",
    "message" : "POST data error",
    "code" : 400,
    "details" : {
      "accountNumber" : "Either accountNumber or both currency AND language should be provided"
    }
  }
}

```

#### 16.4.4 No authorization

##### Request

```
PUT /orders/{orderId}/account
```

```

{
  "currency": "USD",
  "language": "en-US"
}

```

##### Response

```

401 Unauthorized
Content-Type : text/plain; charset=UTF-8

```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

#### 16.4.5 Unassociated user without cookie

##### Request

```

PUT /orders/{orderId}/account
Authorization: {unassociated_user_authorization}

```

```

{
  "accountNumber": "smith909090"
}

```

##### Response

```

403 Forbidden
Content-Type: application/json; charset=UTF-8

```

```

{
  "forbidden" : {
    "guid" : "f9583d13-1ad3-4ea9-bf26-a5315af5f234",
    "message" : "Unauthorized: OrderAccount failed permission check",
    "code" : 403,
    "details" : ""
  }
}

```

#### 16.4.6 A test partner agent assigns a non-test account

##### Request

```

PUT /orders/{orderId}/account
Authorization: {test_partner_agent_authorization}
Content-Type : application/json; charset=UTF-8
Cookie: OwnerId={owner_id}; Path=/

```

```

{
  "accountNumber": "smith909090"
}

```

##### Response

```

403 Forbidden
Content-Type : application/json; charset=UTF-8

```

```

{
  "forbidden" : {
    "guid" : "7a7d4ce6-241c-44a2-a2e3-cefb26f33a69",
    "message" : "Trying to add a non-test account with invalid credentials: test partner agents cannot add non-test accounts",
    "code" : 403,
    "details" : ""
  }
}

```

#### 16.4.7 Inconsistent currency

##### Request

```

PUT /orders/{orderId}/account
Cookie: OwnerId={owner_id}; Path=/

```

```

{
  "currency": "CAD",
  "language": "en-US"
}

```

## Response

409 Conflict

Content-Type : application/json; charset=UTF-8

```
{
  "conflict" : {
    "guid" : "8ec26107-a368-4809-8590-3523d9178893",
    "message" : "Trying to add an account with inconsistent currency: the order has already products with USD while the account you are adding has products with EUR",
    "code" : 409,
    "details" : ""
  }
}
```

## 16.5 See also

- [Orders API](#)
- [Common Features](#)

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## 17 Orders-orderId-account:GET

## 18 GET /orders/{orderId}/account

Get details of an Account in a given Order. It must be **added** to an order before details can be retrieved.

### 18.1 Contents

- 1 GET /orders/{orderId}/account
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Wrong authorization
    - ◇ 1.3.2 Unassociated user without cookie
    - ◇ 1.3.3 Account has not been set
    - ◇ 1.3.4 Order does not exist
  - ◆ 1.4 See also

### 18.2 Request

GET /orders/{orderId}/account

#### 18.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the **POST /orders** call.

#### 18.2.2 URI Parameters

None.

#### 18.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 18.3 Response

#### 18.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to perform add account for this order.
403 Forbidden	Unauthorized: OrderAccount failed permission check	Access order account as an authenticated user, not associated with the order.
404 Not Found	Resource not found	An account has not been added to the given order. The order does not exist.

#### 18.3.2 Response Body

```
{
  "status": "{status}",
  "paymentInfo": "https://api.hostway.com/orders/{orderId}/account/paymentInfo/",
  "links": [
    { "href": "https://api.hostway.com/orders/{orderId}/account/", "rel": "self" }
  ]
}
```

```

"language": "{language}",
"number": "{accountId}",
"currency": "{currency}",
"products": "https://api.hostway.com/orders/{orderId}/account/products/",
"user": "https://api.hostway.com/orders/{orderId}/account/user/",
"attributes": "https://api.hostway.com/orders/{orderId}/account/attributes/",
"contactInfo": "https://api.hostway.com/orders/{orderId}/account/contactInfo/",
}

```

### 18.3.2.1 Parameters

**currency** - *string*  
An ISO-4217[1] currency code assigned to the account.

**language** - *string*  
An IETF[2] language tag (ex. en, en-CA, en-US, etc.) specifying account's language.

**number** - *string*  
The account's Id.

**status** - *string*  
The account's current status. Accounts that have not been provisioned will have a status of "new".

**attributes** - *string*  
A link to the account's [attributes](#).

**contactInfo** - *string*  
A link to the account's [contact info](#).

**paymentInfo** - *string*  
A link to the account's [payment information](#).

**user** - *string*  
A link to the account's [user](#).

**products** - *string*  
A link to the account's [products](#).

**links** - *list*  
[Hypermedia](#) for this resource.

## 18.4 Example

### 18.4.1 Wrong authorization

#### Request

```

GET /orders/{orderId}/account
Cookie: OwnerId={wrong_owner_id}; Path=/

```

#### Response

```

401 Unauthorized
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 18.4.2 Unassociated user without cookie

#### Request

```

GET /orders/{orderId}/account
Authorization: {unassociated_user_authorization}

```

#### Response

```

403 Forbidden
Content-Type: application/json; charset=UTF-8

{
  "forbidden" : {
    "guid" : "95646dcf-55cd-46cb-9bef-e1ef5d06f6c8",
    "message" : "Unauthorized: OrderAccount failed permission check",
    "code" : 403,
    "details" : ""
  }
}

```

### 18.4.3 Account has not been set

#### Request

```

GET /orders/{orderId}/account
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "9c2bf07d-4e74-4434-9d3e-77d57408d839",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

#### 18.4.4 Order does not exist

##### Request

```
GET /orders/{non-existent_orderId}/account
Cookie: OwnerId={owner_id}; Path=
```

##### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "402282af-9f53-4973-8437-469087465843",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

#### 18.5 See also

- [Orders API](#)
- [Common Features](#)

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## 19 Orders-orderId-account-attributes:PUT

## 20 PUT /orders/{orderId}/account/attributes

Set the list of attributes for an account in a given order.

### 20.1 Contents

- 1 PUT /orders/{orderId}/account/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
  - ◆ 1.3 Example
    - ◇ 1.3.1 Set valid account attribute
    - ◇ 1.3.2 Set bad account attributes
    - ◇ 1.3.3 Set an attribute with too long value
    - ◇ 1.3.4 Set too long Partner Account ID value
    - ◇ 1.3.5 Set attributes with wrong OwnerId
    - ◇ 1.3.6 Unassociated user without cookie
    - ◇ 1.3.7 Set existing Partner Account ID
    - ◇ 1.3.8 Account has not been set
  - ◆ 1.4 See also

### 20.2 Request

PUT /orders/{orderId}/account/attributes

#### 20.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 20.2.2 URI Parameters

None.

#### 20.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 20.2.4 Request Body

```
[
  {
    "name": "{attributeName}",
    "value": "{attributeValue}"
  },
  {
    "name": "{attributeName}",
```



```

    "value": "{attributeValue}"
  }
}

```

#### 20.2.4.1 Parameters

attributeName - *string*

The unique name of the attribute. The list of supported attribute names is specific to the franchise. The common attributes include:  
**partner\_account\_id** - unique account identifier in the partner system. The value should be unique within the franchise.

attributeValue - *string*

The value of the attribute max 200 characters. Should adhere to the rules for the attribute specified by the name.

The value of the "partner\_account\_id" attribute is max 100 characters. Allowed characters are alphanumeric characters, underscore, dot and dash.

## 20.3 Response

### 20.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The account attributes were successfully set.
	POST data error	The request body format is invalid and all attributes must have less than 200 characters.
400 Bad Request	Not allowed or not existing MetaData Type Partner Account ID cannot exceed 100 characters	Setting some bad account attributes
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to add attributes for this account.
403 Forbidden	Unauthorized: Attributes failed permission check	Access order account attributes as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist.
409 Conflict	Account ID already in use	Attribute value for Partner Account ID, supposed to be unique, is already in use.
500 Internal Server Error	-	Account has not been set for this order.
502 Bad Gateway	-	A critical (unknown) error occurred.

### 20.3.2 Response Body

None.

## 20.4 Example

### 20.4.1 Set valid account attribute

#### Request

```

PUT /orders/{orderId}/account/attributes
Cookie: OwnerId={owner_id}; Path=/

```

```

[
  {
    "name": "partner_account_id",
    "value": "paccid_050914054136"
  }
]

```

#### Response

204 No Content

### 20.4.2 Set bad account attributes

#### Request

```

PUT /orders/{orderId}/account/attributes
Cookie: OwnerId={owner_id}; Path=/

```

```

[
  {
    "name": "attribute_a",
    "value": "value_a"
  },
  {
    "name": "attribute_b",
    "value": "value_b"
  }
]

```

#### Response

```

400 Bad Request
Content-Type : application/json; charset=UTF-8

```

```

{
  "computeFault": {
    "guid": "5268a14c-ced6-4f32-87ee-aa6709414396",
    "message": "Not allowed or not existing MetaData Type",
    "code": 400,
    "details": ""
  }
}

```



```
403 Forbidden
Content-Type: application/json; charset=UTF-8

{
  "forbidden" : {
    "guid" : "66f63a81-52e9-4ec6-a50a-42acebc021e7",
    "message" : "Unauthorized: Attributes failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

## 20.4.7 Set existing Partner Account ID

### Request

```
PUT /orders/{orderId}/account/attributes
Cookie: OwnerId={owner_id}; Path=/

[
  {
    "name": "partner_account_id",
    "value": "ext_140213131348"
  }
]
```

### Response

```
409 Conflict
Content-Type : application/json; charset=UTF-8

{
  "conflict": {
    "guid": "a8d38abe-1f68-49c5-bafe-29894671ed06",
    "message": "Account ID already in use",
    "code": 409,
    "details": ""
  }
}
```

## 20.4.8 Account has not been set

### Request

```
PUT /orders/{orderId}/account/attributes
Cookie: OwnerId={owner_id}; Path=/

[
  {
    "name": "partner_account_id",
    "value": "paccid_050914054136"
  }
]
```

### Response

```
500 Internal Server Error
Content-Type : application/json; charset=UTF-8

{
  "computeFault" : {
    "guid" : "a4eae57d-b172-45ff-ae6e-474a8b6061a0",
    "timestamp" : "2014-09-10 10:12:41",
    "code" : 500,
    "errorRefId" : "a4eae57d-b172-45ff-ae6e-474a8b6061a0"
  }
}
```

## 20.5 See also

- [Orders API](#)
- [Common Features](#)

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## 21 Orders-orderId-account-attributes:GET

## 22 GET /orders/{orderId}/account/attributes

Get the list of attributes for an account in a given order.

### 22.1 Contents

- 1 GET /orders/{orderId}/account/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Get order information
    - ◇ 1.3.2 Get attributes with wrong OwnerId
    - ◇ 1.3.3 Unassociated user without cookie
    - ◇ 1.3.4 Get attributes of unset account
  - ◆ 1.4 See also

### 22.2 Request

GET /orders/{orderId}/account/attributes

#### 22.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 22.2.2 URI Parameters

None.

#### 22.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 22.3 Response

#### 22.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to get attributes for this account.
403 Forbidden	Unauthorized: Attributes failed permission check	Access order account attributes as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist.
	MetaData is missing. Make sure the account is set before querying attributes.	An account should be set before getting info for attributes.

#### 22.3.2 Response Body

```
{
  "list": [
    {
      "name": "{attributeName}",
      "value": "{attributeValue}"
    }
  ]
}
```

```

    },
    ...
  ],
  "links": [
    { "href": "https://api.hostway.com/orders/{orderId}/account/attributes/", "rel": "self" }
  ]
}

```

### 22.3.2.1 Parameters

**attributeName** - *string*  
The unique name of the attribute.

**attributeValue** - *string*  
The value of the attribute.

**links** - *list*  
[Hypermedia](#) for this resource.

## 22.4 Example

### 22.4.1 Get order information

#### Request

```

GET /orders/{orderId}/account/attributes
Cookie: OwnerId={ownerId}; Path=/

```

#### Response

```

200 OK
Content-Type: application/json; charset=UTF-8

{
  "list" : [ {
    "name" : "partner_account_id",
    "value" : "paccid_050914054136"
  } ],
  "links" : [ {
    "href" : "https://api.hostway.com/orders/{ownerId}/account/attributes/",
    "rel" : "self"
  } ]
}

```

### 22.4.2 Get attributes with wrong OwnerId

#### Request

```

GET /orders/{orderId}/account/attributes
Cookie: OwnerId={wrong_order_id}; Path=/

```

#### Response

```

401 Unauthorized
Content-Type: text/plain; charset=UTF-8

401 Unauthorized

This server could not verify that you are authorized to access the document you requested.
Either you supplied the wrong credentials (e.g., bad password),
or your browser does not understand how to supply the credentials required.

```

### 22.4.3 Unassociated user without cookie

#### Request

```

GET /orders/{orderId}/account/attributes
Authorization: {unassociated_user_authorization}

```

#### Response

```

403 Forbidden
Content-Type: application/json; charset=UTF-8

{
  "forbidden" : {
    "guid" : "66f63a81-52e9-4ec6-a50a-42acebc021e7",
    "message" : "Unauthorized: Attributes failed permission check",
    "code" : 403,
    "details" : ""
  }
}

```

### 22.4.4 Get attributes of unset account

#### Request

```

GET /orders/{orderId}/account/attributes
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

404 Not Found
Content-Type : application/json; charset=UTF-8

```

```
{
  "itemNotFound": {
    "guid": "0068a205-0c4c-4105-9a14-dafe313bfc3a",
    "message": "MetaData is missing. Make sure the account is set before querying attributes.",
    "code": 404,
    "details": ""
  }
}
```

## 22.5 See also

- [Orders API](#)
- [Common Features](#)

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## 23 Orders-orderId-account-attributes:DELETE



## 24 DELETE /orders/{orderId}/account/attributes

Remove all attributes for an account in a given order.

### 24.1 Contents

- 1 DELETE /orders/{orderId}/account/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully delete all attributes
    - ◇ 1.3.2 Delete attributes with wrong OwnerId
    - ◇ 1.3.3 Unassociated user without cookie
  - ◆ 1.4 See also

### 24.2 Request

DELETE /orders/{orderId}/account/attributes

#### 24.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 24.2.2 URI Parameters

None.

#### 24.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 24.3 Response

#### 24.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The account attributes were successfully deleted.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to delete attributes for this account.
403 Forbidden	Unauthorized: Attributes failed permission check	Access order account attributes as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist.

### 24.4 Example

#### 24.4.1 Successfully delete all attributes

##### Request

```
DELETE /orders/{orderId}/account/attributes
Cookie: OwnerId={owner_id}; Path=/
```

##### Response

204 No Content

#### 24.4.2 Delete attributes with wrong OwnerId

##### Request

```
DELETE /orders/{orderId}/account/attributes
Cookie: OwnerId={wrong_order_id}; Path=/
```

##### Response

```
401 Unauthorized
Content-Type: text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 24.4.3 Unassociated user without cookie

#### Request

```
DELETE /orders/{orderId}/account/attributes
Authorization: {unassociated_user_authorization}
```

#### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8
```

```
{
  "forbidden" : {
    "guid" : "66f63a81-52e9-4ec6-a50a-42acebc021e7",
    "message" : "Unauthorized: Attributes failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

## 24.5 See also

- [Orders API](#)
- [Common Features](#)

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## 25 Orders-orderId-account-contactInfo-contactType:PUT

## 26 PUT /orders/{orderId}/account/contactInfo/{contactType}

Set the account contact details for a given contact type in an order.

### 26.1 Contents

- 1 PUT /orders/{orderId}/account/contactInfo/{contactType}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
  - ◆ 1.3 Example
    - ◇ 1.3.1 Set bad contact info values
    - ◇ 1.3.2 Set bad contact info values 2
    - ◇ 1.3.3 Set contact info with wrong OwnerId
    - ◇ 1.3.4 Unassociated user without cookie
    - ◇ 1.3.5 Set contact info in non-existent order
    - ◇ 1.3.6 Set contact info on an unset account
  - ◆ 1.4 See also

### 26.2 Request

PUT /orders/{orderId}/account/contactInfo/{contactType}

#### 26.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

contact\_type - *string*

Contact Type (regular, billing, administrator or technical)

#### 26.2.2 URI Parameters

None.

#### 26.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 26.2.4 Request Body

```
{
  "name": {
    "salutation": "{salutation}",
    "firstName": "{firstname}",
    "middleName": "{middleName}",
    "lastName": "{lastName}",
    "company": "{company}"
  },
  "address": {
    "street1": "{street1}",
    "street2": "{street2}",
    "city": "{city}",
    "stateOrProvince": "{stateOrProvince}",
    "postalCode": "{postalCode}",
    "countryCode": "{countryCode}"
  },
  "contactMedia": {
    "phone1": "{phone1}",
    "phone2": "{phone2}",
    "fax": "{fax}",
    "email1": "{email1}",
    "email1Format": "{html|text}",
    "email2": "{email2}",
    "email2Format": "{html|text}"
  }
}
```

#### 26.2.4.1 Parameters

salutation - *string*  
(*OPTIONAL*)  
May contain one of the salutations provided by [GET /salutations](#)

firstName - *string*  
Required string max 50 characters. May contain only alphanumerics, white space and the following characters: -.'

middleName - *string*  
Optional string max 50 characters. May contain only alphanumerics, white space and the following characters: -.'

lastName - *string*  
Required string max 50 characters. May contain only alphanumerics, white space and the following characters: -.'

company - *string*  
Optional string max 200 characters. May contain only alphanumerics, white space and the following characters: -.'

street1 - *string*  
Required string max 100 characters. May contain only alphanumerics, white space and the following characters: -.'

street2 - *string*  
Optional string max 100 characters. May contain only alphanumerics, white space and the following characters: -.'

city - *string*  
Required string max 50 characters. May contain only alphanumerics, white space and the following characters: -.'

stateOrProvince - *string*  
Required string max 20 characters. May contain only alphanumerics, white space and the following characters: -.' If the selected country is United States, then this must be a valid two-letter US state abbreviation. If the selected country is Canada, then this value must be a valid two-letter Canadian province abbreviation.

postalCode - *string*  
Required string max 30 characters. May contain only alphanumerics, white space and the following characters: -.' If the selected country is United States, then the postalCode must be in format "#####" or "#####-####" (where "#" represents any numeric digit). If the selected country is Canada, then the postalCode must be in format "A#A#A#" or "A#A-#A#" or "A#A #A#" (where "A" represents any latin alphabet character and "#" represents any numeric digit).

country - *string*  
Required string ISO 3166-1 alpha-2[1] country code.

phone1 - *string*  
Required string ITU-T E.164[2] formatted phone number max 20 digits.

phone2 - *string*  
Optional string ITU-T E.164[3] formatted phone number max 20 digits.

fax - *string*  
Optional string ITU-T E.164[4] formatted phone number max 20 digits.

email1 - *string*  
Required string valid e-mail address max 100 characters.

email1Format - *string*  
Optional string ? one of *html* or *text*. The default value of *html* will be applied if omitted from the request.

email2 - *string*  
Optional string valid e-mail address max 100 characters.

email2Format - *string*  
Optional string ? one of *html* or *text*. The default value of *html* will be used if *email2* is supplied and *email2Format* is omitted.

## 26.3 Response

### 26.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
400 Bad Request	POST data error Field cannot have any alphabet letters; only numbers and symbols allowed.	The value of one or more contact info fields is not valid or missing.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to set contact info for this order.
403 Forbidden	Unauthorized: ContactInfo failed permission check	Set account contact info as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist.
502 Bad Gateway	-	Account has not been set. Cannot add contact info.

### 26.3.2 Response Body

None.

## 26.4 Example

### 26.4.1 Set bad contact info values

#### Request

```
PUT /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "name": {
    "firstName": "&",
    "middleName": "&",
    "lastName": "&",
    "company": "Hostway",
    "salutation": "invalid"
  },
  "address": {
    "street1": "(",
    "street2": "(",
    "city": "&",
    "stateOrProvince": "&",
    "postalCode": "asfagag",
    "countryCode": "^"
  },
  "contactMedia": {
    "phone1": "a",
    "phone2": "a",
    "fax": "a",
    "email1": "em",
    "email1Format": "test"
  }
}
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8
```

```
{
  "badRequest": {
    "guid": "1c9b2dc5-2feb-4599-9753-aae2c39853dd",
    "message": "POST data error",
    "code": 400,
    "details": {
      "name.lastName": "Only alphanumerics, spaces, and the following characters are allowed in lastName: -'.",
      "address.city": "Only alphanumerics, spaces, and the following characters are allowed in city: -'.",
      "address.street2": "Only alphanumerics, spaces, and the following characters are allowed in street2: -'.",
      "name.firstName": "Only alphanumerics, spaces, and the following characters are allowed in firstName: -'.",
      "address.street1": "Only alphanumerics, spaces, and the following characters are allowed in street1: -'.",
      "name.salutation": "\"invalid\" is not one of Mr., Ms., Mrs., Dr.",
      "address.stateOrProvince": "Only alphanumerics, spaces, and the following characters are allowed in stateOrProvince: -'.",
      "name.middleName": "Only alphanumerics, spaces, and the following characters are allowed in middleName: -'.",
      "contactMedia.email1": "Invalid email address in email: em",
      "address.countryCode": "Invalid Country Code",
      "contactMedia.email1Format": "\"test\" is not one of html, text"
    }
  }
}
```

### 26.4.2 Set bad contact info values 2

#### Request

```
PUT /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "name": {
    "firstName": "Billing",
    "middleName": "X",
    "lastName": "Customer",
    "company": "Hostway"
  },
  "address": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  },
  "contactMedia": {
    "phone1": "test",
    "phone2": "test",
    "fax": "test",
    "email1": "petre.popescu@hostway.com",
    "email1Format": "html",
    "email2": "gah@wev.com",
    "email2Format": "text"
  }
}
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8
```

```
{
  "computeFault": {
    "guid": "3fb07aa5-157e-474d-b7cc-ece0cf87f36e",
    "message": "Field cannot have any alphabet letters; only numbers and symbols allowed.",
    "code": 400,
  }
}
```

```
    "details": ""
  }
}
```

### 26.4.3 Set contact info with wrong OwnerId

#### Request

```
PUT /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={wrong_order_id}; Path=/
```

```
{
  "name": {
    "firstName": "Billing",
    "middleName": "X",
    "lastName": "Customer",
    "company": "Hostway",
    "salutation": "Mr."
  },
  "address": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  },
  "contactMedia": {
    "phone1": "312-555-2222",
    "phone2": "312-555-3333",
    "fax": "312-555-1111",
    "email1": "petre.popescu@hostway.com",
    "email1Format": "html",
    "email2": "gah@wev.com",
    "email2Format": "text"
  }
}
```

#### Response

```
401 Unauthorized
Content-Type: text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 26.4.4 Unassociated user without cookie

#### Request

```
PUT /orders/{orderId}/account/contactInfo/billing
Authorization: {unassociated_user_authorization}
```

```
{
  "name": {
    "firstName": "Billing",
    "middleName": "X",
    "lastName": "Customer",
    "company": "Hostway",
    "salutation": "Mr."
  },
  "address": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  },
  "contactMedia": {
    "phone1": "312-555-2222",
    "phone2": "312-555-3333",
    "fax": "312-555-1111",
    "email1": "petre.popescu@hostway.com",
    "email1Format": "html",
    "email2": "gah@wev.com",
    "email2Format": "text"
  }
}
```

#### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8
```

```
{
  "forbidden" : {
    "guid" : "53fd5c41-a4b1-48d1-8196-43fc5ba32cf2",
    "message" : "Unauthorized: ContactInfo failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

### 26.4.5 Set contact info in non-existent order

#### Request

```
PUT /orders/{non-existent_orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "name": {
    "firstName": "Billing",
    "middleName": "X",
    "lastName": "Customer",
    "company": "Hostway",
    "salutation": "Mr."
  },
  "address": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  },
  "contactMedia": {
    "phone1": "312-555-2222",
    "phone2": "312-555-3333",
    "fax": "312-555-1111",
    "email1": "petre.popescu@hostway.com",
    "email1Format": "html",
    "email2": "gah@wev.com",
    "email2Format": "text"
  }
}
```

## Response

404 Not Found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound" : {
    "guid" : "ed5f236d-6983-4576-bld3-9cd69c4255a0",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

## 26.4.6 Set contact info on an unset account

### Request

PUT /orders/{orderId}/account/contactInfo/billing  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "name": {
    "firstName": "Billing",
    "middleName": "X",
    "lastName": "Customer",
    "company": "Hostway",
    "salutation": "Mr."
  },
  "address": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  },
  "contactMedia": {
    "phone1": "312-555-2222",
    "phone2": "312-555-3333",
    "fax": "312-555-1111",
    "email1": "petre.popescu@hostway.com",
    "email1Format": "html",
    "email2": "gah@wev.com",
    "email2Format": "text"
  }
}
```

### Response

502 Bad Gateway  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault" : {
    "guid" : "5db3e3c9-37ac-4a1d-8085-c931577e1c16",
    "timestamp" : "2014-09-10 12:10:12",
    "code" : 502,
    "errorRefId" : "5db3e3c9-37ac-4a1d-8085-c931577e1c16"
  }
}
```

## 26.5 See also

- [Orders API](#)
- [Common Features](#)

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## 27 Orders-orderId-account-contactInfo-contactType:GET

## 28 GET /orders/{orderId}/account/contactInfo/{contactType}

Get specific contact type details for an account in a given order.

### 28.1 Contents

- 1 GET /orders/{orderId}/account/contactInfo/{contactType}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Get contact info with wrong OwnerId
    - ◇ 1.3.2 Unassociated user without cookie
    - ◇ 1.3.3 Get contact info of unset contact type
    - ◇ 1.3.4 Account has not been set
    - ◇ 1.3.5 Order does not exist
  - ◆ 1.4 See also

### 28.2 Request

GET /orders/{orderId}/account/contactInfo/{contactType}

#### 28.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

contact\_type - *string*

Contact Type (regular, billing, administrative or technical)

#### 28.2.2 URI Parameters

None.

#### 28.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 28.3 Response

#### 28.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to get contact type info for this order.
403 Forbidden	Unauthorized: ContactInfo failed permission check	Access account contact info as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist. An account was not set for the order.
502 Bad Gateway	-	The order does not have contact info of this type. Unexpected backend response. Cannot retrieve contact info.

#### 28.3.2 Response Body

```
{
  "contactInfo": {
    "name": {
      "salutation": "{salutation}",
      "firstName": "{firstname}",
      "middleName": "{middleName}",
      "lastName": "{lastName}",
      "company": "{company}"
    },
    "address": {
      "street1": "{street1}",
      "street2": "{street2}",
      "city": "{city}",
      "stateOrProvince": "{stateOrProvince}",
      "postalCode": "{postalCode}",
      "countryCode": "{countryCode}"
    },
    "contactMedia": {
```

```

    "phone1": "{phone1}",
    "phone2": "{phone2}",
    "fax": "{fax}",
    "email1": "{email1}",
    "email1Format": "{html|text}",
    "email2": "{email2}",
    "email2Format": "{html|text}"
  },
  "links": [
    { "href": "https://api.hostway.com/orders/{orderId}/account/contactInfo/{contactType}/", "rel": "self" } ]
}

```

### 28.3.2.1 Parameters

**salutation**  
Contact's salutation

**firstName**  
Contact's first name.

**middleName**  
Contact's middle name (optional).

**lastName**  
Contact's last name.

**company**  
Contact's company name (optional).

**street1**  
Contact's street address.

**street2**  
Contact's street address second line (optional).

**city**  
Contact's city.

**stateOrProvince**  
Contact's state or province.

**postalCode**  
Contact's postal or ZIP code.

**country**  
Contact's country code per ISO 3166-1 alpha-2<sup>[1]</sup>.

**phone1**  
Contact's primary phone number in ITU-T E.164<sup>[2]</sup> format.

**phone2**  
Contact's secondary phone number in ITU-T E.164<sup>[3]</sup> format (optional).

**fax**  
Contact's fax number in ITU-T E.164<sup>[4]</sup> format (optional).

**email1**  
Contact's primary e-mail address.

**email1Format**  
Primary e-mail delivery format: *html* or *text*.

**email2**  
Contact's secondary e-mail address (optional).

**email2Format**  
Secondary e-mail delivery format: *html* or *text* (optional).

**links - list**  
<sup>[1]</sup> [Hypermedia](#) for this resource.

## 28.4 Example

### 28.4.1 Get contact info with wrong OwnerId

#### Request

```

GET /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={wrong_order_id}; Path=/

```

#### Response

```

401 Unauthorized
Content-Type: text/plain; charset=UTF-8

```

```

401 Unauthorized

```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

## 28.4.2 Unassociated user without cookie

### Request

```
GET /orders/{orderId}/account/contactInfo/billing
Authorization: {unassociated_user_authorization}
```

### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8

{
  "forbidden": {
    "guid": "53fd5c41-a4b1-48d1-8196-43fc5ba32cf2",
    "message": "Unauthorized: ContactInfo failed permission check",
    "code": 403,
    "details": ""
  }
}
```

## 28.4.3 Get contact info of unset contact type

### Request

```
GET /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "3f8d5d31-3986-4075-8a13-5fe3e20a2be4",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 28.4.4 Account has not been set

### Request

```
GET /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "3f8d5d31-3986-4075-8a13-5fe3e20a2be4",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 28.4.5 Order does not exist

### Request

```
GET /orders/{non-existent_orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "80d5e49e-0795-4209-a929-1ee051e0f252",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 28.5 See also

- [Orders API](#)
- [Common Features](#)

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## 29 Orders-orderId-account-contactInfo:GET

## 30 GET /orders/{orderId}/account/contactInfo

Get all contact infos for an account in a given order.

### 30.1 Contents

- 1 GET /orders/{orderId}/account/contactInfo
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Get contact info with wrong OwnerId
    - ◇ 1.3.2 Unassociated user without cookie
    - ◇ 1.3.3 Non-existent contact info for the order
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Unset account for the order
  - ◆ 1.4 See also

### 30.2 Request

GET /orders/{orderId}/account/contactInfo

#### 30.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 30.2.2 URI Parameters

None.

#### 30.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 30.3 Response

#### 30.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to get contact info for this order.
403 Forbidden	Unauthorized: ContactInfo failed permission check	Access account contact info as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The order does not have any contact info.
	AccountNumber is missing. Make sure the account is set before querying.	The specified order does not exist.
502 Bad Gateway	-	An account was not set for the order.
		Unexpected backend response. Cannot retrieve contact infos.

### 30.3.2 Response Body

```
{
  "contactInfo": {
    "regular": {...},
    "billing": {...},
    "administrator": {...},
    "technical": {...}
  },
  "links": [
    { "href": "https://api.hostway.com/orders/{orderId}/account/contactInfo/", "rel": "self" }
  ]
}
```

#### 30.3.2.1 Parameters

contactInfo - *dictionary*  
Details for all contact types specified for the account.

links - *list*  
[Hypermedia](#) for this resource.

## 30.4 Example

### 30.4.1 Get contact info with wrong OwnerId

#### Request

```
GET /orders/{orderId}/account/contactInfo
Cookie: OwnerId={wrong_order_id}; Path=
```

#### Response

```
401 Unauthorized
Content-Type: text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 30.4.2 Unassociated user without cookie

#### Request

```
GET /orders/{orderId}/account/contactInfo
Authorization: {unassociated_user_authorization}
```

#### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8
```

```
{
  "forbidden" : {
    "guid" : "53fd5c41-a4b1-48d1-8196-43fc5ba32cf2",
    "message" : "Unauthorized: ContactInfo failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

### 30.4.3 Non-existent contact info for the order

#### Request

```
GET /orders/{orderId}/account/contactInfo
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "80d5e49e-0795-4209-a929-1ee051e0f252",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

### 30.4.4 Order does not exist

#### Request

```
GET /orders/{non-existent_orderId}/account/contactInfo
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "80d5e49e-0795-4209-a929-1ee051e0f252",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

### 30.4.5 Unset account for the order

#### Request

```
GET /orders/{orderId}/account/contactInfo
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "80d5e49e-0795-4209-a929-1ee051e0f252",
    "message": "AccountNumber is missing. Make sure the account is set before querying.",
    "code": 404,
    "details": ""
  }
}
```

## 30.5 See also

- [Orders API](#)
- [Common Features](#)

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### 31 Orders-orderId-account-contactInfo-contactType:DELETE

## 32 DELETE /orders/{orderId}/account/contactInfo/{contactType}

Deletes the account contact details for a given contact type in an order.

### 32.1 Contents

- 1 DELETE  
/orders/{orderId}/account/contactInfo/{contactType}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully delete contact type of an order
    - ◇ 1.3.2 Get contact info with wrong OwnerId
    - ◇ 1.3.3 Unassociated user without cookie
    - ◇ 1.3.4 Delete contact info of unset contact type
    - ◇ 1.3.5 Account has not been set
    - ◇ 1.3.6 Order does not exist
  - ◆ 1.4 See also

### 32.2 Request

DELETE /orders/{orderId}/account/contactInfo/{contactType}

#### 32.2.1 Request Parameters

**orderId** - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

**contact\_type** - *string*  
Contact Type (regular, billing, administrator or technical)

#### 32.2.2 URI Parameters

None.

#### 32.2.3 Request Headers

**Content-Type**  
Required. Set this header to `application/json; charset=UTF-8`

**Cookie**  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 32.3 Response

Status Code	Error Message	Description
204 No Content	-	The contact info was successfully deleted. The specified order does not exist.
404 Not Found	Resource not found	An account has not been added to the given order. The specified contact type is not set
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to delete contact info for this order.
403 Forbidden	Unauthorized: ContactInfo failed permission check	Delete account contact info as an authenticated user, not associated with the order.
502 Bad Gateway	-	Unexpected backend response. Cannot delete contact info.

### 32.4 Example

#### 32.4.1 Successfully delete contact type of an order

##### Request

```
DELETE /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

##### Response

204 No Content

#### 32.4.2 Get contact info with wrong OwnerId

##### Request

```
DELETE /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={wrong_order_id}; Path=
```

## Response

```
401 Unauthorized
Content-Type: text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 32.4.3 Unassociated user without cookie

#### Request

```
DELETE /orders/{orderId}/account/contactInfo/billing
Authorization: {unassociated_user_authorization}
```

#### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8
```

```
{
  "forbidden" : {
    "guid" : "53fd5c41-a4b1-48d1-8196-43fc5ba32cf2",
    "message" : "Unauthorized: ContactInfo failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

### 32.4.4 Delete contact info of unset contact type

#### Request

```
DELETE /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "3f8d5d31-3986-4075-8a13-5fe3e20a2be4",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

### 32.4.5 Account has not been set

#### Request

```
DELETE /orders/{orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "3f8d5d31-3986-4075-8a13-5fe3e20a2be4",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

### 32.4.6 Order does not exist

#### Request

```
DELETE /orders/{non-existent_orderId}/account/contactInfo/billing
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "80d5e49e-0795-4209-a929-1ee051e0f252",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 32.5 See also

- [Orders API](#)

- [Common Features](#)

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### 33 Orders-orderId-account-paymentInfo:PUT

## 34 PUT /orders/{orderId}/account/paymentInfo

Set the account's payment information for a given order.

### 34.1 Contents

- 1 PUT /orders/{orderId}/account/paymentInfo
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Offline payment for supported franchises with agent access
    - ◇ 1.3.3 Invalid payment info type
    - ◇ 1.3.4 Missing attribute for paymentInfoType credit\_card
    - ◇ 1.3.5 Credit card number length exceeds 16 characters
    - ◇ 1.3.6 Credit card number cannot contain hyphens
    - ◇ 1.3.7 Credit card number with wrong length
    - ◇ 1.3.8 Invalid verification number
    - ◇ 1.3.9 Invalid date format
    - ◇ 1.3.10 No authorization
    - ◇ 1.3.11 Unauthorized user
    - ◇ 1.3.12 Unset account for the order
  - ◆ 1.4 See also

### 34.2 Request

PUT /orders/{orderId}/account/paymentInfo

#### 34.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 34.2.2 URI Parameters

None.

#### 34.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 34.2.4 Request Body

The request format depends on the type of payment method that is added. The following format is required for credit cards.

```
{
  "paymentInfoType": "credit_card",
  "accountNumber": "4111111111111111",
  "cardHolderName": "John Smith",
  "creditCardType": "visa",
  "expirationDate": "2012-08",
  "verificationNumber": "123",
  "billingAddress": {
    "city": "Chicago",
    "countryCode": "US",
    "postalCode": "60606",
    "stateOrProvince": "IL",
    "street1": "100 N Riverside",
    "street2": ""
  }
}
```

##### 34.2.4.1 Parameters

paymentInfoType - *string*

The type of payment method that will be used. Allowed value(s) are:

**credit\_card**

**offline** (Available only for agents on supported franchises)

accountNumber - *string*

Credit card number. Must consist of numbers only. Required if paymentInfoType is set to **credit\_card**.

cardHolderName - *string*

The owner name as it appears on the card. Required if paymentInfoType is set to **credit\_card**.

creditCardType - *string*

The type of credit card - **visa**, **mastercard**, **discover**, **amex**. Required if paymentInfoType is set to **credit\_card**.

expirationDate - *string*

The credit card expiration date in YYYY-MM format. Should exceed the current date. Required if paymentInfoType is set to **credit\_card**.

verificationNumber - *string*

The credit card security code. This is only used to validate the credit card and will not be stored. Required if paymentInfoType is set to **credit\_card**.

billingAddress - *dictionary*

Contains the credit card's billing address. Required if paymentInfoType is set to **credit\_card**.

## 34.3 Response

### 34.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
	POST data error	A required attribute for the payment info type is missing.
	declined	paymentInfoType can only be credit_card.
	Invalid verificationNumber	Invalid verificationNumber
400 Bad Request	Invalid date format	Wrong expirationDate format
	invalid number or type	creditCardType can be only one of visa, mastercard, amex, discover.
		Credit card number with wrong length
		Credit card number does not comply with visa rules
		expirationDate set in past
	Incorrect padding	Hyphens or spaces in credit card number are not allowed
	Input strings must be a multiple of 16 in length	Credit card number length should be 16.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to add payment info.
403 Forbidden	Unauthorized: PaymentInfo failed permission check	An unauthorized user cannot set or get payment info.
404 Not Found	Resource not found	The specified order does not exist.
502 Bad Gateway	-	An account has not been added to the given order.
		Unexpected backend error.

### 34.3.2 Response Body

None.

## 34.4 Example

### 34.4.1 Success

#### Request

```
PUT /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "paymentInfoType": "credit_card",
  "creditCardType": "visa",
  "accountNumber": "4111111111111111",
  "cardHolderName":
    "John Jello",
  "expirationDate":
    "2015-06",
  "verificationNumber": "505",
  "billingAddress": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  }
}
```

#### Response

204 No Content

### 34.4.2 Offline payment for supported franchises with agent access

#### Request

```
PUT /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=/
Authorization: Basic Auth_String

{
```

```
    "paymentInfoType": "offline"
}
```

## Response

204 No Content

### 34.4.3 Invalid payment info type

#### Request

PUT /orders/{orderId}/account/paymentInfo  
Cookie: OwnerId={owner\_id}; Path=/

```
{
  "paymentInfoType": "direct_debit",
  "creditCardType": "visa",
  "accountNumber": "4111111111111111",
  "cardHolderName":
    "John Jello",
  "expirationDate":
    "2015-06",
  "verificationNumber": "505",
  "billingAddress": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  }
}
```

#### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "badRequest": {
    "guid": "7ca8b2cc-88d5-4e5b-aab8-e4015a5b3ad8",
    "message": "POST data error",
    "code": 400,
    "details": {
      "paymentInfoType": "\"direct_debit\" is not one of credit_card, vz_payment"
    }
  }
}
```

### 34.4.4 Missing attribute for paymentInfoType credit\_card

#### Request

PUT /orders/{orderId}/account/paymentInfo  
Cookie: OwnerId={owner\_id}; Path=/

```
{
  "paymentInfoType": "credit_card",
  "accountNumber": "4111111111111111",
  "cardHolderName": "John Smith",
  "creditCardType": "visa",
  "expirationDate": "2012-08",
  "billingAddress": {
    "city": "Chicago",
    "countryCode": "US",
    "postalCode": "60606",
    "stateOrProvince": "IL",
    "street1": "100 N Riverside",
    "street2": ""
  }
}
```

#### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "badRequest": {
    "guid": "2829e9e2-04e1-4fe2-8e05-be738b4c467c",
    "message": "POST data error",
    "code": 400,
    "details": {
      "verificationNumber": "Required"
    }
  }
}
```

### 34.4.5 Credit card number length exceeds 16 characters

#### Request

PUT /orders/{orderId}/account/paymentInfo  
Cookie: OwnerId={owner\_id}; Path=/

```
{
  "paymentInfoType": "credit_card",
  "accountNumber": "4111-1111-1111-1111",
  "cardHolderName": "John Smith",
  "creditCardType": "visa",
  "expirationDate": "2012-08",
  "verificationNumber": "505",
}
```



```

    "billingAddress": {
      "city": "Chicago",
      "countryCode": "US",
      "postalCode": "60606",
      "stateOrProvince": "IL",
      "street1": "100 N Riverside",
      "street2": ""
    }
  }
}

```

## Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```

{
  "badRequest": {
    "guid": "f5ed5738-086d-4751-8ad5-0dfead39ea3a",
    "message": "Input strings must be a multiple of 16 in length",
    "code": 400,
    "details": ""
  }
}

```

### 34.4.6 Credit card number cannot contain hyphens

#### Request

PUT /orders/{orderId}/account/paymentInfo  
Cookie: OwnerId={owner\_id}; Path=

```

{
  "paymentInfoType": "credit_card",
  "accountNumber": "4111-111-111-111",
  "cardHolderName": "John Smith",
  "creditCardType": "visa",
  "expirationDate": "2012-08",
  "verificationNumber": "505",
  "billingAddress": {
    "city": "Chicago",
    "countryCode": "US",
    "postalCode": "60606",
    "stateOrProvince": "IL",
    "street1": "100 N Riverside",
    "street2": ""
  }
}

```

#### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```

{
  "computeFault": {
    "guid": "5a757a5a-870e-4d4f-acdf-aed95e066b3d",
    "message": "Incorrect padding",
    "code": 400,
    "details": ""
  }
}

```

### 34.4.7 Credit card number with wrong length

#### Request

PUT /orders/{orderId}/account/paymentInfo  
Cookie: OwnerId={owner\_id}; Path=

```

{
  "paymentInfoType": "credit_card",
  "accountNumber": "411111111111111122",
  "cardHolderName": "John Smith",
  "creditCardType": "visa",
  "expirationDate": "2012-08",
  "verificationNumber": "505",
  "billingAddress": {
    "city": "Chicago",
    "countryCode": "US",
    "postalCode": "60606",
    "stateOrProvince": "IL",
    "street1": "100 N Riverside",
    "street2": ""
  }
}

```

#### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```

{
  "badRequest": {
    "guid": "ced1a8a8-21dc-4a10-9d36-5a201214a5ce",
    "message": "invalid number or type",
    "code": 400,
    "details": ""
  }
}

```

## 34.4.8 Invalid verification number

### Request

```
PUT /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "paymentInfoType": "credit_card",
  "creditCardType": "visa",
  "accountNumber": "4111111111111111",
  "cardHolderName": "John Jello",
  "expirationDate": "2015-06",
  "verificationNumber": "0000",
  "billingAddress": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  }
}
```

### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8
```

```
{
  "computeFault" : {
    "guid" : "031b8bc2-8da3-41c7-860c-ca3743cef135",
    "message" : "declined",
    "code" : 400,
    "details" : ""
  }
}
```

## 34.4.9 Invalid date format

### Request

```
PUT /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "paymentInfoType": "credit_card",
  "accountNumber": "4111111111111111",
  "cardHolderName": "John Smith",
  "creditCardType": "visa",
  "expirationDate": "15-06",
  "verificationNumber": "505",
  "billingAddress": {
    "city": "Chicago",
    "countryCode": "US",
    "postalCode": "60606",
    "stateOrProvince": "IL",
    "street1": "100 N Riverside",
    "street2": ""
  }
}
```

### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8
```

```
{
  "badRequest": {
    "guid": "30e66cfe-649c-4b1c-bfaf-c65caf47b99d",
    "message": "Invalid date format",
    "code": 400,
    "details": ""
  }
}
```

## 34.4.10 No authorization

### Request

```
PUT /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={wrong_owner_id}; Path=/
```

```
{
  "paymentInfoType": "credit_card",
  "creditCardType": "visa",
  "accountNumber": "4111111111111111",
  "cardHolderName":
    "John Jello",
  "expirationDate":
    "2015-06",
  "verificationNumber": "505",
  "billingAddress": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  }
}
```

### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 34.4.11 Unauthorized user

#### Request

```
PUT /orders/{orderId}/account/paymentInfo
Authorization: Basic {wrong_user_authorization}
```

```
{
  "paymentInfoType": "credit_card",
  "creditCardType": "visa",
  "accountNumber": "4111111111111111",
  "cardHolderName":
    "John Jello",
  "expirationDate":
    "2015-06",
  "verificationNumber": "505",
  "billingAddress": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  }
}
```

#### Response

```
403 Forbidden
Content-Type : application/json; charset=UTF-8
```

```
{
  "forbidden": {
    "guid": "5a199170-843a-44fc-bbb0-87155eb15fc6",
    "message": "Unauthorized: PaymentInfo failed permission check",
    "code": 403,
    "details": ""
  }
}
```

### 34.4.12 Unset account for the order

#### Request

```
PUT /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "paymentInfoType": "credit_card",
  "creditCardType": "visa",
  "accountNumber": "4111111111111111",
  "cardHolderName":
    "John Jello",
  "expirationDate":
    "2015-06",
  "verificationNumber": "505",
  "billingAddress": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  }
}
```

#### Response

```
502 Bad Gateway
Content-Type : application/json; charset=UTF-8
```

```
{
  "computeFault": {
    "guid": "a4f6b310-11d9-4263-8482-81bccf261df7",
    "timestamp": "2014-09-08 08:34:20",
    "code": 502,
    "errorRefId":
      "a4f6b310-11d9-4263-8482-81bccf261df7"
  }
}
```

## 34.5 See also

- [Orders API](#)
- [Common Features](#)

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### 35 Orders-orderId-account-paymentInfo:GET

## 36 GET /orders/{orderId}/account/paymentInfo

Get the payment method information for a given order. Only a minimum amount of information will be returned to recognize the payment method.

### 36.1 Contents

- 1 GET /orders/{orderId}/account/paymentInfo
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 No authorization
    - ◇ 1.3.3 Unauthorized user
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Account has not been set
    - ◇ 1.3.6 Payment info has not been set
  - ◆ 1.4 See also

### 36.2 Request

GET /orders/{orderId}/account/paymentInfo

#### 36.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 36.2.2 URI Parameters

None.

#### 36.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 36.3 Response

#### 36.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to get payment info for this order.
403 Forbidden	Unauthorized: PaymentInfo failed permission check	An unauthorized user cannot set or get payment info.
404 Not Found	Resource not found	The specified order does not exist.
	-	An account was not set for the order.
	-	No payment info for the order was found.
502 Bad Gateway	-	Unexpected backend error

#### 36.3.2 Response Body

The following is the response body for credit cards.

```
{
  "paymentInfoType": "credit_card",
  "accountNumber": "*****1111",
  "creditCardType": "visa",
  "expirationDate": "2012-08",
  "links": [
```

```

    {"href": "https://api.hostway.com/orders/{order_id}/account/paymentInfo/", "rel": "self"}
  ]
}

```

The following is the response for Verizon payment information.

```

{
  "paymentInfoType": "vz_payment",
  "paymentReference": "123432429034",
  "sessionId": "23432434244",
  "links": [
    {"href": "https://api.hostway.com/orders/{order_id}/account/paymentInfo/", "rel": "self"}
  ]
}

```

The following is the response for offline payment information.

```

{
  "paymentInfoType": "offline",
  "links": [
    {"href": "https://api.hostway.com/orders/{order_id}/account/paymentInfo/", "rel": "self"}
  ]
}

```

### 36.3.2.1 Parameters

paymentInfoType - *string*

The type of payment method. Possible value(s) are:

**credit\_card**  
**vz\_payment**  
**offline**

accountNumber - *string*

The credit card number. Only the last four digits will be revealed. Only applies for credit cards.

creditCardType - *string*

The type of credit card such as visa, mastercard, discover, etc. Only applies for credit cards.

expirationDate - *string*

The credit card expiration date in YYYY-MM format. Only applies for credit cards.

paymentReference - *string*

Verizon payment reference id. Only applies for Verizon payment type.

sessionId - *string*

Verizon payment session id. Only applies for Verizon payment type.

links - *list*

[Hypermedia](#) for this resource. Links to self.

## 36.4 Example

### 36.4.1 Success

#### Request

```

GET /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

200 OK
Content-Type : application/json; charset=UTF-8

{
  "links": [{
    "href": "https://api.hostway.com/orders/00000148546ce1ac1d12585e007f000000010001/account/paymentinfo/",
    "rel": "self"
  }],
  "creditCardType": "visa",
  "expirationDate": "2015-06",
  "paymentInfoType": "credit_card",
  "accountNumber": "*****1111"
}

```

### 36.4.2 No authorization

#### Request

```

GET /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={wrong_owner_id}; Path=/

```

#### Response

```

401 Unauthorized
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 36.4.3 Unauthorized user

#### Request

```
GET /orders/{orderId}/account/paymentInfo
Authorization: Basic {wrong_user_authorization}
```

#### Response

```
403 Forbidden
Content-Type : application/json; charset=UTF-8

{
  "forbidden": {
    "guid": "5a199170-843a-44fc-bbb0-87155eb15fc6",
    "message": "Unauthorized: PaymentInfo failed permission check",
    "code": 403,
    "details": ""
  }
}
```

### 36.4.4 Order does not exist

#### Request

```
GET /orders/{non-existent_orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "cca219c5-3e2b-481d-8e7f-7083064872ff",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

### 36.4.5 Account has not been set

#### Request

```
GET /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "9ae11205-0650-471a-9ed7-7642107011dc",
    "message": "",
    "code": 404,
    "details": ""
  }
}
```

### 36.4.6 Payment info has not been set

#### Request

```
GET /orders/{orderId}/account/paymentInfo
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "9ae11205-0650-471a-9ed7-7642107011dc",
    "message": "",
    "code": 404,
    "details": ""
  }
}
```

## 36.5 See also

- [Orders API](#)
- [Common Features](#)

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### 37 Orders-orderId-account-user:PUT



## 38 PUT /orders/{orderId}/account/user

Sets or updates the account user credentials in a given order.

### 38.1 Contents

- 1 PUT /orders/{orderId}/account/user
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully add/update user to order
    - ◇ 1.3.2 Missing username
    - ◇ 1.3.3 Invalid username
    - ◇ 1.3.4 Invalid password
    - ◇ 1.3.5 No authorization
    - ◇ 1.3.6 Unauthorized user
    - ◇ 1.3.7 Order does not exist
    - ◇ 1.3.8 Existing account in the system
    - ◇ 1.3.9 Account has not been set
  - ◆ 1.4 See also

### 38.2 Request

PUT /orders/{orderId}/account/user

#### 38.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 38.2.2 URI Parameters

None.

#### 38.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 38.2.4 Request Body

```
{
  "userName": "mytestuser1",
  "password": "Mytestpass1"
}
```

##### 38.2.4.1 Parameters

userName - *string*  
Required string max 50 characters. Only letters, digits and dot (.), dash (-), underscore (\_) and at sign (@) are allowed.

password - *string*

Required string min 8, max 50 characters. Must include at least one letter and one digit. The following characters are not allowed: &`"'\<>\$.

## 38.3 Response

### 38.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
400 Bad Request	POST data error	JSON is invalid Username or password is missing. Username or password breaks its format rules.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to set user credentials.
403 Forbidden	Unauthorized: User failed permission check	Set user credentials as an authenticated user, not associated with the order.
404 Not Found	Resource not found	Order does not exist.
409 Conflict	Data conflict	The same username already exists in the system.
502 Bad Gateway	-	Account hasn't been added

### 38.3.2 Response Body

None.

## 38.4 Example

### 38.4.1 Successfully add/update user to order

#### Request

```
PUT /orders/{orderId}/account/user
Cookie: OwnerId={owner_id}; Path=/

{
  "userName": "accountUser1",
  "password": "userPass1"
}
```

#### Response

204 No Content

### 38.4.2 Missing username

#### Request

```
PUT /orders/{orderId}/account/user
Cookie: OwnerId={owner_id}; Path=/

{
  "password": "userPass1"
}
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8

{
  "badRequest": {
    "guid": "50f051a3-8325-4064-b174-d82d78da83d9",
    "message": "POST data error",
    "code": 400,
    "details": {
      "userName": "Required"
    }
  }
}
```

### 38.4.3 Invalid username

#### Request

```
PUT /orders/{orderId}/account/user
Cookie: OwnerId={owner_id}; Path=/

{
  "userName": "user:name"
  "password": "userPass1"
}
```

#### Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8

{
  "badRequest": {
    "guid": "50f051a3-8325-4064-b174-d82d78da83d9",
    "message": "POST data error",
    "code": 400,
    "details": {
      "userName": "Only letters, digits and dot (.), dash (-), underscore (_) and at sign (@) are allowed"
    }
  }
}
```

```

    }
  }
}

```

### 38.4.4 Invalid password

#### Request

```

PUT /orders/{orderId}/account/user
Cookie: OwnerId={owner_id}; Path=/

```

```

{
  "userName": "accountUser1"
  "password": "userPass$$$"
}

```

#### Response

```

400 Bad Request
Content-Type : application/json; charset=UTF-8

```

```

{
  "badRequest": {
    "guid": "9cdfae0e-ad2a-4759-a5ef-ceddd2ac14be",
    "message": "POST data error",
    "code": 400,
    "details": {
      "password": "The following characters are not allowed: &`'\\"/>

```

### 38.4.5 No authorization

#### Request

```

PUT /orders/{orderId}/account/user
Cookie: OwnerId={wrong_owner_id}; Path=/

```

```

{
  "userName": "accountUser1",
  "password": "userPass1"
}

```

#### Response

```

401 Unauthorized
Content-Type : text/plain; charset=UTF-8

```

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 38.4.6 Unauthorized user

#### Request

```

PUT /orders/{orderId}/account/user
Authorization: {unassociated_user_authorization}

```

```

{
  "userName": "accountUser1",
  "password": "userPass1"
}

```

#### Response

```

403 Forbidden
Content-Type: application/json; charset=UTF-8

```

```

{
  "forbidden" : {
    "guid" : "66f63a81-52e9-4ec6-a50a-42acebc021e7",
    "message": "Unauthorized: User failed permission check",
    "code" : 403,
    "details" : ""
  }
}

```

### 38.4.7 Order does not exist

#### Request

```

PUT /orders/{non-existent_orderId}/account/user
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

404 Not found
Content-Type : application/json; charset=UTF-8

```

```

{
  "itemNotFound": {
    "guid": "cca219c5-3e2b-481d-8e7f-7083064872ff",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

```

```
}
```

### 38.4.8 Existing account in the system

#### Request

```
PUT /orders/{orderId}/account/user
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "userName": "zxc01"
  "password": "Mytestpass1"
}
```

#### Response

```
409 Conflict
Content-Type : application/json; charset=UTF-8
```

```
{
  "conflict": {
    "guid": "5c817267-5302-4ea6-abd7-bc9b77f01082",
    "message": "Data conflict",
    "code": 409,
    "details": ""
  }
}
```

### 38.4.9 Account has not been set

#### Request

```
PUT /orders/{orderId}/account/user
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "userName": "accountUser1"
  "password": "userPass1"
}
```

#### Response

```
502 Bad Gateway
Content-Type : application/json; charset=UTF-8
```

```
{
  "computeFault": {
    "guid": "a4f6b310-11d9-4263-8482-81bccf261df7",
    "timestamp": "2014-09-08 08:34:20",
    "code": 502,
    "errorRefId":
      "a4f6b310-11d9-4263-8482-81bccf261df7"
  }
}
```

## 38.5 See also

- [Orders API](#)
- [Common Features](#)

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### 39 Orders-orderId-account-user:GET

## 40 GET /orders/{orderId}/account/user

Get details of the account user for the given order. A user with auto-generated information is created by default when the account is created. The user password is excluded from the response.

### 40.1 Contents

- 1 GET /orders/{orderId}/account/user
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 No authorization
    - ◇ 1.3.3 Unauthorized user
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Account has not been set
  - ◆ 1.4 See also

### 40.2 Request

GET /orders/{orderId}/account/user

#### 40.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 40.2.2 URI Parameters

None.

#### 40.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 40.3 Response

#### 40.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to set user credentials.
403 Forbidden	Unauthorized: User failed permission check	Retrieve user as an authenticated user, not associated with the order.
404 Not Found	Resource not found	The specified order does not exist. An account was not set for the order.
	-	No user data found for the account.

## 40.3.2 Response Body

```
{
  "userName": "{userName}",
  "links": [
    { "href": "https://api.hostway.com/orders/{order_id}/account/user/", "rel": "self" }
  ]
}
```

### 40.3.2.1 Parameters

userName - *string*

The username of the account login credentials.

links - *list*

[Hypermedia](#) for this resource. Links to self.

## 40.4 Example

### 40.4.1 Success

#### Request

```
GET /orders/{orderId}/account/user
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
200 OK
Content-Type : application/json; charset=UTF-8
```

```
{
  "userName": "accountUser1",
  "links": [{
    "href": "https://api.hostway.com/orders/0000014854c737a28b6dffbe007f000000010001/account/user/",
    "rel": "self"
  }]
}
```

### 40.4.2 No authorization

#### Request

```
GET /orders/{orderId}/account/user
Cookie: OwnerId={wrong_owner_id}; Path=
```

#### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 40.4.3 Unauthorized user

#### Request

```
GET /orders/{orderId}/account/user
Authorization: {unassociated_user_authorization}
```

#### Response

```
403 Forbidden
Content-Type: application/json; charset=UTF-8
```

```
{
  "forbidden" : {
    "guid" : "66f63a81-52e9-4ec6-a50a-42acebc021e7",
    "message" : "Unauthorized: User failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

### 40.4.4 Order does not exist

#### Request

```
GET /orders/{non-existent_orderId}/account/user
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "b0b38b3e-b693-4021-8116-b59f7ec3fea7",
    "message": "Resource not found",
  }
}
```

```
    "code": 404,  
    "details": ""  
  }  
}
```

#### 40.4.5 Account has not been set

##### Request

```
GET /orders/{orderId}/account/user  
Cookie: OwnerId={owner_id}; Path=/  

```

##### Response

```
404 Not found  
Content-Type : application/json; charset=UTF-8  
  
{  
  "itemNotFound": {  
    "guid": "0c0c1f50-8d80-4423-b501-0a3cc5f070af",  
    "message": "",  
    "code": 404,  
    "details": ""  
  }  
}
```

#### 40.5 See also

- [Orders API](#)
- [Common Features](#)

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## 41 Orders-orderId-account-products:POST

## 42 POST /orders/{orderId}/account/products

Adds a new or existing Product to the Account's Order.

If, at the time the product is created, there is not yet an Account in the order, then this call will implicitly add a very rudimentary Account (containing only a default language & the currency of this product).

If there is already an Account in the order at the time this call is made, the currency of the specified product offering \*must\* match the currency of the Account.

### 42.1 Contents

- 1 POST  
  /orders/{orderId}/account/products
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
    - ◇ 1.1.5 Validation Rules
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Headers
    - ◇ 1.2.3 Response Body
      - 1.2.3.1 Successful response
      - 1.2.3.2 Error responses
  - ◆ 1.3 See also

### 42.2 Request

POST /orders/{orderId}/account/products

#### 42.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 42.2.2 URI Parameters

None.

#### 42.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 42.2.4 Request Body

There are two possible formats. To add a new product that does not already exist:

```
{
  "offering": "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{productOfferingId}",
  "promoCode": "{promoCode}",
  "displayName": "My custom product name",
  "partnerId": "PartnerId",
}
```

OR

To specify an existing product, use the following:

```
{
  "existingProductUrl": "https://api.hostway.com/accounts/{accountId}/products/{productId}"
}
```

}

#### 42.2.4.1 Parameters

offering - *string*

Link to the [product catalog offering](#) specifying the new product.

promoCode - *string* (optional)

A promotion code for the new product [promotion codes](#).

displayName - *string* (optional)

A custom display name for the product.

partnerId - *string* (optional)

Partner id.

existingProductUrl - *string*

Link to [an existing product](#). Only required when adding an existing product to the order.

#### 42.2.5 Validation Rules

1. The product specification URL ( <https://api.hostway.com/productSpecifications/{productSpecificationId}> ) should point to an existing product.
2. The product offering currency should match the account currency or if no account is specified should be allowed for the franchise.
3. The product offering URL ( <https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{productOfferingId}> ) should point to an existing product offering.
4. The product use type (public, internal, internal view only, etc.) should be allowed for the current user.
5. The product offering should be valid according to the back-end.
6. The account product URL ( <{APIBaseURL}/accounts/{accountId}/products/{productId}> ) should point to an existing product that is open and belongs to the account.

## 42.3 Response

### 42.3.1 Status Code

Status Code	Error Message	Description
201 Created	-	The operation was successfully completed.
	POST data error	Trying to create a product with invalid body.
	Cannot add non-existent product "fake"	Trying to create a product by passing fake offering.
	Invalid offering URI	Trying to create a product by passing invalid offering (missing currency, monthly cycle or productSpecifications)
400 Bad Request	The requested offering is invalid	Trying to create a product with invalid monthly cycle (eg: 100)
	Trying to add inconsistent currency: product {product} with FAKE while account uses USD	Trying to create a product with currency, which does not match the account's currency
	Currency FAKE not allowed for this franchise	Trying to add a product with invalid for the franchise currency to an order for which no account has been set.
	Trying to add Internal product {product} without authorization	Trying to add product, which is internal, without the proper credentials.
	Trying to add Internal View Only product {product}	Trying to add product, which is internal view only, without the proper credentials.
	Invalid product URI	Tried to add an existing product with wrong existingProductUrl
	The account of the order and the account of the product doesn't match	Tried to add an existing product with account, which is different from the account of the order.
	Product doesn't exist.	Tried to add an existing product which does not exist
401 Unauthorized	Cannot add a product that is not open.	Tried to add an existing product that is not open.
	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <i>OwnerId</i> cookie was not specified or is incorrect.
403 Forbidden	Unauthorized: Products failed permission check	The client does not have permissions to add products.
404 Not Found	Resource not found	The client is trying to add a product to non existing order.
502 Bad Gateway	-	Unexpected backend response.

### 42.3.2 Response Headers

Location

Returned with successful response. Contains the URI of the newly added product and the id of the product.

### 42.3.3 Response Body

#### 42.3.3.1 Successful response

```
201 Created
{
  "productId": "00000148842a5f6448a61ce6007f000000010001",
  "url" : "https://api.hostway.com/orders/0000014884293798c68eafa5007f000000010001/account/products/00000148842a5f6448a61ce6007f000000010001/"
}
```

**Note:** The product Id will change once the order is provisioned.

### 42.3.3.2 Error responses

400 Bad Request - trying to order product, which is internal, without the proper authorization.

```
{
  "computeFault": {
    "guid": "c940c886-5343-4a49-b728-0b94cbb1a3e9",
    "message": "Trying to add Internal product {product} without authorization",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add a product, which is internal view only, such products cannot be added via the Public API.

```
{
  "computeFault": {
    "guid": "3ee2bd37-81ee-4a57-bd63-dc84705b3985",
    "message": "Trying to add Internal View Only product {product}",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add a product without supplying the required attributes in the body.

```
{
  "badRequest": {
    "guid": "0f3e0435-21ac-43e5-acfd-ac33886fbe70",
    "message": "POST data error",
    "code": 400,
    "details": {
      "offering": "Required"
    }
  }
}
```

400 Bad Request - trying to add a product that does not exist.

```
{
  "computeFault": {
    "guid": "12cf7a72-3261-4c57-a82e-1f2f1c124d50",
    "message": "Cannot add non-existent product \"fake\"",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add a product by supplying invalid offering URI (eg: "offering": "http://coreapi01.ote.chicago.hostway:8092/product")

```
{
  "computeFault": {
    "guid": "0ced627e-c9fc-4835-92da-1a4256165607",
    "message": "Invalid offering URI",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add a product with invalid currency (case when account is set and the currency provided does not match the account's currency)

```
{
  "computeFault": {
    "guid": "742e193a-4667-47fd-a5ff-ec1f7788d459",
    "message": "Trying to add inconsistent currency: product {product} with FAKE while account uses USD",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add a product with invalid for the franchise currency (case when an account is not set so the currency it is determined by the franchise)

```
{
  "computeFault": {
    "guid": "3ee2bd37-81ee-4a57-bd63-dc84705b3985",
    "message": "Currency FAKE not allowed for this franchise",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add a product with invalid month cycle (eg: 100)

```
{
  "computeFault": {
    "guid": "8165a0b2-80f5-436f-ab47-075d824144d9",
    "message": "The requested offering is invalid",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add an existing product with invalid existingProductUri

```
{
  "computeFault": {
    "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "message": "Invalid product URI",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add an existing product that belongs to account different from the account of the order.

```
{
  "computeFault": {
    "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "message": "The account of the order and the account of the product doesn't match",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to add an existing product that does not exist

```
{
  "computeFault": {
```

```

        "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
        "message": "Product doesn't exist.",
        "code": 400,
        "details": ""
    }
}

400 Bad Request - trying to add an existing product that is not open
{
    "computeFault": {
        "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
        "message": "Cannot add a product that is not open.",
        "code": 400,
        "details": ""
    }
}

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have permission to add products.
{
    "forbidden": {
        "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
        "message": "Unauthorized: Products failed permission check",
        "code": 403,
        "details": ""
    }
}

404 Not Found - the order does not exist
{
    "itemNotFound": {
        "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
        "message": "Resource not found",
        "code": 404,
        "details": ""
    }
}

502 Bad Gateway - unexpected error from the backend.
{
    "computeFault": {
        "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
        "timestamp": "2014-09-10 20:59:50",
        "code": 502,
        "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
    }
}

```

## 42.4 See also

- [Orders API](#)
- [Common Features](#)

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## 43 Orders-orderId-account-products:GET

# 44 GET /orders/{orderId}/account/products

Get all Product in an account.

## 44.1 Contents

- 1 GET /orders/{orderId}/account/products
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
        - 1.2.2.1.1 Parameters
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

## 44.2 Request

GET /orders/{orderId}/account/products

### 44.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

### 44.2.2 URI Parameters

None.

### 44.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

## 44.3 Response

### 44.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The products for the order (if any) are successfully returned.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <b>OwnerId</b> cookie or the <b>Authorization</b> header are not specified or do not permit access to the specified order.
403 Forbidden	Unauthorized: Products failed permission check	The client does not have permission to get the products.
404 Not Found	Resource not found	The client is trying to get the products for non existing order.
502 Bad Gateway	-	Unexpected backend response.

### 44.3.2 Response Body

#### 44.3.2.1 Successful response

```
200 OK
{
  "list": [
    {
      "status": "open",
      "services": "https://api.hostway.com/orders/{orderId}/account/products/{orderProductId}/services",
      "offering" : "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{productOfferingId}",
      "displayName": "My custom product name",
      "partnerId": "PartnerId",
      "links": [
        { "href": "https://api.hostway.com/orders/{orderId}/account/products/{orderProductId}", "rel": "self" }
      ]
    }
  ]
}
```

```

    }
  ],
  "links": [
    {
      "href": "https://api.hostway.com/orders/{orderId}/account/products/",
      "rel": "self"
    }
  ]
}

```

#### 44.3.2.1.1 Parameters

**list** - *list*

List of the products for the given account order. Each element of the list has the following attributes:

**status** - *string*

Current status of the product. Allowed values are **new**, **pending**, **open**, **suspended**, **closed** and **purged**

**services** - *string*

A link to the services associated with the product

**displayName** - *string*

A custom display name for the product.

**partnerId** - *string*

Partner id.

**links** - *list*

[Hypermedia](#) for the product resource

**offering** - *string*

Link to the product catalogue offering specifying the given product

**links** - *list*

[Hypermedia](#) for the list of product resources

#### 44.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have permission to get the products.

```

{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: Products failed permission check",
    "code": 403,
    "details": ""
  }
}

```

404 Not Found - there is no such order.

```

{
  "itemNotFound": {
    "guid": "579951da-5f2c-4db7-9169-25658bfaafdb",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

```

502 Bad Gateway - unexpected error from the backend.

```

{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}

```

## 44.4 See also

- [Orders API](#)
- [Common Features](#)

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## 45 Orders-orderId-account-products-productId:GET

## 46 GET /orders/{orderId}/account/products/{productId}

Get details about a specific Product in an account.

### 46.1 Contents

- 1 GET /orders/{orderId}/account/products/{productId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
        - 1.2.2.1.1 Parameters
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 46.2 Request

GET /orders/{orderId}/account/products/{productId}

#### 46.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
Product's unique Id.

#### 46.2.2 URI Parameters

None.

#### 46.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 46.3 Response

#### 46.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <b>OwnerId</b> cookie or the <b>Authorization</b> header are not specified or are invalid
403 Forbidden	Unauthorized: Products failed permission check	The client does not have permission to get the product.
404 Not Found	Resource not found	The client is trying to get a product for non existing order or is trying to get non existing product.
502 Bad Gateway	-	Unexpected backend response.

#### 46.3.2 Response Body

##### 46.3.2.1 Successful response

```
200 OK
{
  "status" : "open",
  "services" : "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services",
  "offering" : "https://api.hostway.com/productSpecifications/{productSpecificationId}/offerings/{productOfferingId}",
  "displayName": "My custom product name",
  "partnerId": "Partner Id",
  "links" : [
    { "href": "https://api.hostway.com/orders/{orderId}/account/products/{productId}", "rel": "self" }
  ]
}
```

##### 46.3.2.1.1 Parameters

status - *string*  
Current status of the product. Allowed values are **new**, **pending**, **open**, **suspended**, **closed** and **purged**

services - *string*  
A link to the services associated with the product

offering - *string*  
Link to the [product catalog offering](#) specifying the given product

displayName - *string*  
A custom display name for the product.

partnerId - *string*  
Partner id.

links - *list*  
[Hypermedia](#) for the product resource

#### 46.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have permission to get the product.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: Products failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found

```
{
  "itemNotFound": {
    "guid": "579951da-5f2c-4db7-9169-25658bfaafdb",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 46.4 See also

- [Orders API](#)
- [Common Features](#)

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## 47 Orders-orderId-account-products-productId:PUT

# 48 PUT /orders/{orderId}/account/products/{productId}

Updates an existing product in order builder. Currently supports only updating the billing cycle.

## 48.1 Contents

- 1 PUT /orders/{orderId}/account/products/{productId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
    - ◇ 1.1.5 Validation Rules
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

## 48.2 Request

PUT /orders/{orderId}/account/products/{productId}

### 48.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

### 48.2.2 URI Parameters

None.

### 48.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 48.2.4 Request Body

A dictionary containing the key "billingCycle" and a value that is integer.

```
{
  "billingCycle": 12
}
```

### 48.2.5 Validation Rules

1. The product URL ( `https://api.hostway.com/orders/{orderId}/account/products/{productId}` ) should point to a valid product already added to the order.
2. The billing cycle should be a valid integer between 1 and 120 and also a valid billing cycle as defined in ServicePlex.

## 48.3 Response

### 48.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
	POST data error	Missing billing cycle value.
	POST data error	Trying to add a billing cycle less than 1.
400 Bad Request	POST data error	Trying to update the billing cycle to value > 120.
	Unable to update the product 0000014ee39eee9c95fa4b5b007f000000010001	Trying to update the billing cycle to value that is not available for the product.

401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <i>OwnerId</i> cookie was not specified or is incorrect.
403 Forbidden	Unauthorized: Products failed permission check	The client does not have permissions to update the product.
404 Not Found	Resource not found	The client is trying to update the billing cycle for a non existing product or order.
502 Bad Gateway	-	Unexpected backend response.

### 48.3.2 Response Body

#### 48.3.2.1 Successful response

None.

#### 48.3.2.2 Error responses

```

400 Bad Request - empty body is passed
{
  "badRequest": {
    "guid": "bd80dfdc-5752-4472-96f2-90f590ddb3f9",
    "message": "POST data error",
    "code": 400,
    "details": {"billingCycle": "Required"}
  }
}

400 Bad Request - invalid body is passed (required field is missing)
{
  "badRequest": {
    "guid": "aae865ae-5102-49d9-b1ef-8a5419cc0ce7",
    "message": "POST data error",
    "code": 400,
    "details": {"billingCycle": "Required"}
  }
}

400 Bad Request - invalid billing cycle is passed
{
  "badRequest": {
    "guid": "fdd0b796-c690-47af-9666-0478e2bcae27",
    "message": "POST data error",
    "code": 400,
    "details": {"billingCycle": "0 is less than minimum value 1"}
  }
}

400 Bad Request - invalid billing cycle is passed
{
  "computeFault": {
    "guid": "1e98f8ea-d298-4867-a9aa-0a6486dbefb0",
    "message": "POST data error",
    "code": 400,
    "details": {"billingCycle": "122 is greater than maximum value 120"}
  }
}

400 Bad Request - billing cycle is not available for the product
{
  "computeFault": {
    "guid": "1e98f8ea-d298-4867-a9aa-0a6486dbefb0",
    "message": "Unable to update the product 0000014edfe57d8b9b2c78bf007f000000010001",
    "code": 400,
    "details": ""
  }
}

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden

{
  "forbidden": {
    "guid": "6af8e3e6-c3dc-4083-8389-1c1a038c62c0",
    "message": "Unauthorized: Products failed permission check",
    "code": 403,
    "details": ""
  }
}

404 Not Found - the order or product was not found.
{
  "itemNotFound": {
    "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

502 Bad Gateway - unexpected error from the backend.
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}

```

```
} }
```

## 48.4 See also

- [Orders API](#)
- [Common Features](#)

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## **49 Orders-orderId-account-products-productId:DELETE**



## 50 DELETE /orders/{orderId}/account/products/{productId}

Removes a product from the account's order.

### 50.1 Contents

- 1 DELETE /orders/{orderId}/account/products/{productId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 50.2 Request

DELETE /orders/{orderId}/account/products/{productId}

#### 50.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
Product's unique Id.

#### 50.2.2 URI Parameters

None.

#### 50.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 50.3 Response

#### 50.3.1 Status Code

Status Code	Error Message	Description
204	-	The product was successfully deleted.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <b>OwnerId</b> cookie or the <b>Authorization</b> header are not specified or invalid.
403 Forbidden	Unauthorized: Products failed permission check	The client does not have permissions to delete products.
404 Not Found	Resource not found	The client is trying to delete a non existing product or the order does not exist.
502 Bad Gateway	-	Unexpected backend response.

#### 50.3.2 Response Body

##### 50.3.2.1 Successful response

None.

##### 50.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have permission to delete products.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: Products failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found

```
{
  "itemNotFound": {
    "guid": "579951da-5f2c-4db7-9169-25658bfaafdb",
```

```
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

502 Bad Gateway - unexpected error from the backend.
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 50.4 See also

- [Orders API](#)
- [Common Features](#)

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## 51 Orders-orderId-account-products-productId-services:POST

## 52 POST /orders/{orderId}/account/products/{productId}/services

Adds a new service to a product in the order.

### 52.1 Contents

- 1 POST /orders/{orderId}/account/products/{productId}/services
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
    - ◇ 1.1.5 Validation Rules
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Headers
    - ◇ 1.2.3 Response Body
      - 1.2.3.1 Successful response
      - 1.2.3.2 Error responses
  - ◆ 1.3 Examples
    - ◇ 1.3.1 Create a service with attributes
    - ◇ 1.3.2 Create a service with attributes and make it related to an existing service
    - ◇ 1.3.3 Create a service with attributes and make it related to another new service in the same order
    - ◇ 1.3.4 Create a service with quantity but without attributes and make it related to another new service in the same order
    - ◇ 1.3.5 Create a service and make it associated to an existing service
    - ◇ 1.3.6 Create a service and make it associated to another new service in the same order
    - ◇ 1.3.7 Create a service and make it associated to two other new services in the same order
    - ◇ 1.3.8 Create a service and make it related to another new service and associate it with a second new service in the same order
  - ◆ 1.4 See also

### 52.2 Request

POST /orders/{orderId}/account/products/{productId}/services

#### 52.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*

UUID specifying the product

#### 52.2.2 URI Parameters

None.

#### 52.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 52.2.4 Request Body

```
{
  "name": "john.smith1",
  "relatedTo": [ "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}" ],
  "associatedTo": [ "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}" ],
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}",
  "promoCode": "{promoCode}"
  "billingCycle": 1,
  "quantity": 1,
  "attributes": {
    "{attribute-name}": "{attribute-value}",
    ....
  }
}
```

##### 52.2.4.1 Parameters

name - *string*

The name of the new service

relatedTo - *list* (optional)

A list containing other services related in some way to the newly created service. The relatedTo may be omitted, but relationships between some types of services have to be established for the order to be validated or submitted. The list may contain links to [other new services in the order](#) and/or a link to an [existing service](#) that belongs to the same account. If a link to an existing service is specified, a parent-child relationship will be created between the existing service and the newly-added service.

serviceSpecification - *string*

Link to the [product catalog specification](#) describing the new service

billingCycle - *integer*

Billing cycle (length of billing period in months) of the service. Allowed values are from **1** to **120**

quantity - *integer* (optional)

Quantity of the service. Must be greater than **0**. It is **1** by default. Quantity greater than 1 only allowed for services configured to support multiple quantities when ordering.

attributes - *dictionary* (optional)

a dictionary of the new service's attributes values. Each (*attribute-name*, *attribute-value*) pair present the service attribute name and its relevant value to be set. The allowed attribute names depends on the *serviceSpecification* field value. See [Service Attributes Structure](#).

promoCode - *string* (optional)

A promotion code for the new service [promotion codes](#).

associatedTo - *list* (optional)

A list containing other services that are associated in some way to the newly created service. The list may contain links to [other new services in the order](#) and/or a link to an [existing service](#) that belongs to the same account and product. Adding a service to this list will not alter existing or create new parent-child relationships between the existing service and the newly-added service. In most cases the list may be empty unless otherwise stated.

## 52.2.5 Validation Rules

1. The service specification URL ( <https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}> ) should point to an existing service.
2. Each service URL ( <https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}> ) from the related services list should point to a valid service already added to the product.
3. The related services list may contain at most one URL to an existing service (ex. <https://api.hostway.com/accounts/{accountId}/products/{productId}/services/{serviceId}> ) that is open on the account.
4. The service billing cycle should be allowed for the product.
5. The product should support adding the service.
6. Each service URL from the associated services list should point to a valid service already added to the product.
7. Any associated service that already exists on the account must be open.

## 52.3 Response

### 52.3.1 Status Code

Status Code	Error Message	Description
201 Created	-	The service was successfully added to the order.
	POST data error	Trying to create a service without passing all the required attributes.
	Invalid service specification	Malformed serviceSpecification was passed or the service is not found in the backend.
	Invalid cycle	Trying to add service with wrong billingCycle.
	Invalid quantity	Trying to add service with invalid quantity input. It should be a number greater than 0.
400 Bad Request	Product does not support quantity	Trying to set quantity on service that is not configured to support multiple units.
	Invalid relatedTo service ID provided: fake.service	Trying to add a service with invalid relatedTo.
	Invalid associatedTo service ID: fake.service	Trying to add a service with invalid associatedTo.
	Product does not support this service	Trying to add service to a product, which doesn't support the service.
	Current service requires being a child service.	The service that can be added only as a child is not added as a child of another service.
	Cannot create domain alias to the same domain name.	Trying to create domain alias to the same domain name.
	Parent service doesn't exist.	Tried to add the service as a child service of an existing service that doesn't exist.
Parent service is not open.	Tried to add the service as a child service of an existing service that is not open.	
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <i>OwnerId</i> cookie was not specified or is incorrect.
403 Forbidden	Unauthorized: Services failed permission check	The client does not have permissions to add services.
404 Not Found	Resource not found	The order or product doesn't exist.
<b>Domain-dependent services:</b>		
409 Conflict	Cannot create domain alias to the same domain name.	Duplicate domain.
	<b>Email domain alias service: A domain alias would produce impossible to delivery loops</b>	
	Domain {domain_name} has circular forwards to alias {alias_name}	There is an email forwarder from the target domain name to a mailbox of the domain alias with the same username There is an email forwarder from the domain alias to a mailbox of the target domain name with the same username
502 Bad Gateway	-	Unexpected backend response.

## 52.3.2 Response Headers

### Location

Returned with successful response. Contains the URI of the newly added service and the id of the service.

## 52.3.3 Response Body

### 52.3.3.1 Successful response

201 Created

```
{
  "serviceId": "00000140735d43640f62c50f007f000000010001",
  "url": "https://api.hostway.com/order/account/products/00000140728b013c52e249a4007f000000010001/services/00000140735d43640f62c50f007f000000010001"
}
```

**Note:** The service Id will change once the order is provisioned.

### 52.3.3.2 Error responses

400 Bad Request - request body is missing some of the required attributes

```
{
  "badRequest": {
    "guid": "23bf964e-fb93-4bd6-816e-3dcb31b82755",
    "message": "POST data error",
    "code": 400,
    "details": {
      "serviceSpecification": "Required",
      "billingCycle": "Required"
    }
  }
}
```

400 Bad Request - malformed serviceSpecification was passed or the service is not found in the backend

```
{
  "computeFault": {
    "guid": "e4443fe7-1139-4078-b407-39d868c02d26",
    "message": "Invalid service specification",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - wrong billingCycle

```
{
  "computeFault": {
    "guid": "e4443fe7-1139-4078-b407-39d868c02d26",
    "message": "Invalid cycle",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - invalid quantity

```
{
  "computeFault": {
    "guid": "e4443fe7-1139-4078-b407-39d868c02d26",
    "message": "Invalid quantity",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - unsupported quantity

```
{
  "computeFault": {
    "guid": "e4443fe7-1139-4078-b407-39d868c02d26",
    "message": "Product does not support quantity",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - invalid service was passed as relatedTo

```
{
  "computeFault": {
    "guid": "e4443fe7-1139-4078-b407-39d868c02d26",
    "message": "Invalid relatedTo service ID provided: fake.service",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - the service is not supported by the product

```
{
  "computeFault": {
    "guid": "e4443fe7-1139-4078-b407-39d868c02d26",
    "message": "Product does not support this service",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - the service that can be added only as a child was not added as a child of another service

```
{
  "computeFault": {
    "guid": "e4443fe7-1139-4078-b407-39d868c02d26",
    "message": "Current service requires being a child service.",
    "code": 400,
    "details": ""
  }
}
```

```

400 Bad Request - request body provided incorrect attributes
{
  "badRequest": {
    "guid": "5386544b-6dbf-4d21-b22a-879979070c01",
    "message": "POST data error",
    "code": 400,
    "details": {"attributes.serverName": "Required"}
  }
}

400 Bad Request - trying to create domain alias to the same domain name
{
  "computeFault": {
    "guid": "c270f3a1-331f-4736-b420-c006cbdae689",
    "message": "Cannot create domain alias to the same domain name.",
    "code": 400,
    "details": ""
  }
}

400 Bad Request - trying to add domain alias with invalid domain name
{
  "badRequest": {
    "guid": "6321f804-285a-43fb-890a-bbdbcb1bd8db3",
    "message": "POST data error",
    "code": 400,
    "details": {"attributes.domain": "Invalid domain name in domain: invalid", "attributes.domain_alias": "Invalid domain name in domain_"}
  }
}

400 Bad Request - trying to specify a relationship to an existing service that doesn't exist
{
  "badRequest": {
    "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "message": "Parent service doesn't exist.",
    "code": 400,
    "details": ""
  }
}

400 Bad Request - trying to specify a relationship to an existing service that isn't open
{
  "badRequest": {
    "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "message": "Parent service is not open.",
    "code": 400,
    "details": ""
  }
}

400 Bad Request - trying to specify an association to an existing service that doesn't exist
{
  "badRequest": {
    "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "message": "Invalid associatedTo service ID: xxxxx",
    "code": 400,
    "details": ""
  }
}

400 Bad Request - trying to specify an association to an existing service that isn't open
{
  "badRequest": {
    "guid": "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx",
    "message": "Associated service is not open",
    "code": 400,
    "details": ""
  }
}

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have access to get the information about the services.
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: Services failed permission check",
    "code": 403,
    "details": ""
  }
}

404 Not Found - the order or product was not found.
{
  "itemNotFound": {
    "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

409 Conflict
{
  "conflict": {
    "guid": "685b8586-c854-4dd8-ae9d-6233fe007a86",
    "message": "Domain ng-test-hwus-draco-140723b.com has circular forwards to alias ng-test-hwus-draco-140723b-alias140814.com",
    "code": 409,
    "details": ""
  }
}

502 Bad Gateway - unexpected error from the backend.
{

```

```

    "computeFault": {
      "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
      "timestamp": "2014-09-10 20:59:50",
      "code": 502,
      "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
    }
  }
}

```

## 52.4 Examples

### 52.4.1 Create a service with attributes

#### Request

```

{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedserver",
  "billingCycle": 1,
  "attributes": {
    "serverName": "sampleServerName",
    "serverLocation": "Tampa"
  }
}

```

### 52.4.2 Create a service with attributes and make it related to an existing service

#### Request

```

{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedserver",
  "billingCycle": 1,
  "attributes": {
    "serverName": "sampleServerName",
    "serverLocation": "Tampa"
  },
  "relatedTo": ["https://api.hostway.com/accounts/{accountId}/products/{productId}/services/{serviceId}"]
}

```

### 52.4.3 Create a service with attributes and make it related to another new service in the same order

#### Request

```

{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedserver",
  "billingCycle": 1,
  "attributes": {
    "serverName": "sampleServerName",
    "serverLocation": "Tampa"
  },
  "relatedTo": ["https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}"]
}

```

### 52.4.4 Create a service with quantity but without attributes and make it related to another new service in the same order

#### Request

```

{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedserver.hardware.memory",
  "billingCycle": 1,
  "quantity": 4,
  "relatedTo": ["https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}"]
}

```

### 52.4.5 Create a service and make it associated to an existing service

#### Request

```

{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedicatedserver.hardware.disk.500gb",
  "billingCycle": 1,
  "quantity": 4,
  "associatedTo": ["https://api.hostway.com/accounts/{accountId}/products/{productId}/services/{serviceId}"]
}

```

### 52.4.6 Create a service and make it associated to another new service in the same order

#### Request

```

{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedicatedserver.hardware.disk.500gb",
  "billingCycle": 1,
  "quantity": 4,
  "associatedTo": ["https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}"]
}

```



## 52.4.7 Create a service and make it associated to two other new services in the same order

### Request

```
{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedicatedserver.hardware.diskcontroller.sataraid",
  "billingCycle": 1,
  "quantity": 4,
  "associatedTo": [
    "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{service1Id}",
    "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{service2Id}"
  ]
}
```

## 52.4.8 Create a service and make it related to another new service and associate it with a second new service in the same order

### Request

```
{
  "name": "ng-test-hwus-test.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedicatedserver.hardware.disk.500gb",
  "billingCycle": 1,
  "quantity": 4,
  "relatedTo": ["https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{service1Id}"],
  "associatedTo": ["https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{service2Id}"]
}
```

## 52.5 See also

- [Orders API](#)
- [Common Features](#)
- [Service Attributes Structure](#)

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## 53 Orders-orderId-account-products-productId-services:GET

## 54 GET /orders/{orderId}/account/products/{productId}/services

Get all Services in a given product.

### 54.1 Contents

- 1 GET /orders/{orderId}/account/products/{productId}/services
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
        - 1.2.2.1.1 Parameters
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 54.2 Request

GET /orders/{orderId}/account/products/{productId}/services

#### 54.2.1 Request Parameters

**orderId** - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

**productId** - *string*  
UUID specifying the product

#### 54.2.2 URI Parameters

None.

#### 54.2.3 Request Headers

**Cookie**  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 54.3 Response

#### 54.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The services for the order and product (if any) are successfully returned.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <b>OwnerId</b> cookie or the <b>Authorization</b> header are not specified or do not permit access to the specified order.
403 Forbidden	Unauthorized: Services failed permission check	The client does not have permissions to get information about the services.
404 Not Found	Resource not found	The client is trying to get the services for non existing order or non existing product.
502 Bad Gateway	-	Unexpected backend response.

#### 54.3.2 Response Body

##### 54.3.2.1 Successful response

```
200 OK
{
  "list": [
    {
      "status": "new",
      "name": "john.smith1",
      "links": [
        { "href": "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}/", "rel": "self" }
      ],
      "relatedTo": [ "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}" ],
      "associatedTo": [ "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}" ],
      "serviceSpecification": "https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}",
      "billingCycle": 1,
      "quantity": 1,
      "attributes": "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes"
    }
  ],
  "links": [
    { "href": "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/", "rel": "self" }
  ]
}
```

#### 54.3.2.1.1 Parameters

**list** - *list*  
List of the services for the given product. Each element of the list has the following attributes:

**status** - *string*  
Current status of the service. Allowed values are **new**, **pending**, **open**, **suspended**, **close\_pending**, **closed**, **purge\_pending** and **purged**

**name** - *string*  
The name of the specific service

**links** - *list*  
[Hypermedia](#) for the product resource

**relatedTo** - *list*  
A list containing other services in the current order related in some way to the current service

**associatedTo** - *list* (optional)  
A list containing other services that are associated in some way to the service. The list may contain links to [other new services in the order](#) and/or a link to an [existing service](#) that belongs to the same account and product. In most cases the list may be empty unless otherwise stated.

**serviceSpecification** - *string*  
Link to the product catalogue specification describing the given service

**billingCycle** - *integer*  
Billing cycle (length of billing period in months) of the service. Allowed values are from **1** to **120**

**quantity** - *integer*  
Quantity (if multiple services is allowed) of the service.

**attributes** - *string*  
A link to the attributes of the service

**links** - *list*  
[Hypermedia](#) for the list of product resources

#### 54.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have assess to get the information about the services.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: Services failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found - the order or the product doesn't exist.

```
{
  "itemNotFound": {
    "guid": "3a422918-24c3-4c20-9bee-f1c61695e987",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 54.4 See also

- [Orders API](#)
- [Common Features](#)

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**55 Orders-orderId-account-products-productId-services-serviceId:GET**

## 56 GET /orders/{orderId}/account/products/{productId}/services/{serviceId}

Get details about a specific service in a given product.

### 56.1 Contents

- 1 GET /orders/{orderId}/account/products/{productId}/services/{serviceId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
        - 1.2.2.1.1 Parameters
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 56.2 Request

GET /orders/{orderId}/account/products/{productId}/services/{serviceId}

#### 56.2.1 Request Parameters

**orderId** - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

**productId** - *string*  
UUID specifying the product

**serviceId** - *string*  
UUID specifying the service

#### 56.2.2 URI Parameters

None.

#### 56.2.3 Request Headers

**Cookie**  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 56.3 Response

#### 56.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The services for the order and product (if any) are successfully returned.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <b>OwnerId</b> cookie or the <b>Authorization</b> header are not specified or do not permit access to the specified order.
403 Forbidden	Unauthorized: Services failed permission check	The client does not have access to get the information about the service.
404 Not Found	Resource not found	The client is trying to get the information for a service for non existing order, product or service.
502 Bad Gateway	-	Unexpected backend response.

#### 56.3.2 Response Body

##### 56.3.2.1 Successful response

```
{
  "status": "new",
  "name": "john.smith1",
  "links": [
    {
      "href": "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}/",
      "rel": "self"
    }
  ],
  "relatedTo": [ "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{relatedServiceId}" ],
  "associatedTo": [ "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}" ],
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/{serviceSpecificationId}",
  "billingCycle": 1,
  "quantity": 1,
  "attributes": "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes"
}
```

#### 56.3.2.1.1 Parameters

**status** - *string*  
Current status of the service. Allowed values are **new**, **placed**, **pending**, **open**, **suspended**, **close\_pending**, **closed**, **purge\_pending** and **purged**

**name** - *string*  
The name of the specific service

**links** - *list*  
[Hypermedia](#) for the product resource

**relatedTo** - *list*  
A list containing other services related in some way to the current service

**associatedTo** - *list* (optional)  
A list containing other services that are associated in some way to the service. The list may contain links to [other new services in the order](#) and/or a link to an [existing service](#) that belongs to the same account and product. In most cases the list may be empty unless otherwise stated.

**serviceSpecification** - *string*  
Link to the product catalogue specification describing the given service

**billingCycle** - *integer*  
Billing cycle of the service. Allowed values are from **1** to **120**

**quantity** - *integer*  
Quantity (if multiple services is allowed) of the service.

**attributes** - *string*  
A link to the attributes of the service

#### 56.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have access to get the information about the service.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: Services failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found - the order, product or service doesn't exist.

```
{
  "itemNotFound": {
    "guid": "3a422918-24c3-4c20-9bee-f1c61695e987",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 56.4 See also

- [Orders API](#)
- [Common Features](#)

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**57 Orders-orderId-account-products-productId-services-serviceId:PUT**



## 58 PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}

Updates a service in order builder. Currently supports only updating the name and the billing cycle of the service.

### 58.1 Contents

- 1 PUT  
/orders/{orderId}/account/products/{productId}/services/{serviceId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
    - ◇ 1.1.5 Validation Rules
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 58.2 Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}

#### 58.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service

#### 58.2.2 URI Parameters

None.

#### 58.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 58.2.4 Request Body

A dictionary containing the keys "billingCycle" and "name" and their values.

```
{
  "billingCycle": 12,
  "name": "Service Name",
  "associatedTo": [ "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}", "https://api.hostway.com/ac"
}
```

#### 58.2.5 Validation Rules

1. The service URL ( `https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}` ) should point to a valid service already added to the product.
2. The dictionary key/value pairs should be valid billing cycle and service name.
3. The billingCycle and name parameters are required.
4. Each service URL from the associated services list should point to a valid service already added to the product.
5. Any associated service that already exists on the account must be open.

### 58.3 Response

#### 58.3.1 Status Code

Status Code	Error Message	Description
204 No Content -		The operation was successfully completed.
400 Bad Request	POST data error  Unable to change service: invalid cycle	Trying to update service with empty body or with invalid body.  Trying to change the billing cycle to value that is not supported by the current service.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <i>OwnerId</i> cookie was not specified or is incorrect.

403 Forbidden    Unauthorized: Service failed permission check

404 Not Found    Resource not found

502 Bad Gateway    -

### 58.3.2 Response Body

#### 58.3.2.1 Successful response

None.

#### 58.3.2.2 Error responses

400 Bad Request - invalid or empty body is passed (required field is missing)

```
{
  "badRequest": {
    "guid": "aae865ae-5102-49d9-b1ef-8a5419cc0ce7",
    "message": "POST data error",
    "code": 400,
    "details": {"billingCycle": "Required", "name": "Required"}
  }
}
```

400 Bad Request - missing billingCycle

```
{
  "badRequest": {
    "guid": "aae865ae-5102-49d9-b1ef-8a5419cc0ce7",
    "message": "POST data error",
    "code": 400,
    "details": {"billingCycle": "Required"}
  }
}
```

400 Bad Request - missing name

```
{
  "badRequest": {
    "guid": "aae865ae-5102-49d9-b1ef-8a5419cc0ce7",
    "message": "POST data error",
    "code": 400,
    "details": {"name": "Required"}
  }
}
```

400 Bad Request - invalid billing cycle

```
{
  "computeFault": {
    "guid": "7c72847f-5138-44e8-ad93-cc80bb5ba7bc",
    "message": "Unable to change service: invalid cycle",
    "code": 400,
    "details": ""
  }
}
```

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

404 Not Found - the order or product was not found.

```
{
  "itemNotFound": {
    "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 58.4 See also

- [Orders API](#)
- [Common Features](#)

The client does not have permissions to update the service.

The client is trying to update a non existing service.

Unexpected backend response.

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**59 Orders-orderId-account-products-productId-services-serviceId:DELETE**

## 60 DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}

Removes service from a product.

### 60.1 Contents

- 1 DELETE  
/orders/{orderId}/account/products/{productId}/services/{serviceId}
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 60.2 Request

DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}

#### 60.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*

Product's unique Id.

serviceId - *string*

UUID specifying the service to be deleted

#### 60.2.2 URI Parameters

None.

#### 60.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 60.3 Response

#### 60.3.1 Status Code

Status Code	Error Message	Description
204	-	The operation was successfully completed.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <b>OwnerId</b> cookie or the <b>Authorization</b> header are not specified or do not permit access to the specified order.
403 Forbidden	Unauthorized: Services failed permission check	The client does not have permissions to delete a service.
404 Not Found	Resource not found	The order, product or service is not found.
502 Bad Gateway	-	Unexpected backend response.

#### 60.3.2 Response Body

##### 60.3.2.1 Successful response

None.

##### 60.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have permissions to delete a service.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: Services failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found

```
{
  "itemNotFound": {
    "guid": "579951da-5f2c-4db7-9169-25658bfaafdb",
    "message": "Resource not found",
    "code": 404,
  }
}
```

```
        "details": ""
    }
}

502 Bad Gateway - unexpected error from the backend.
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 60.4 See also

- [Orders API](#)
- [Common Features](#)

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**61 Orders-orderId-account-products-productId-services-serviceId-attributes:PUT**

## 62 PUT

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes

Adds Attributes to the Service. Not all services support this call. Depending on the service, this call *may* return a response code of 405 (method not supported).

#### 62.1 Contents

- 1 PUT  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
    - ◇ 1.1.5 Validation Rules
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

#### 62.2 Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes

##### 62.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service

##### 62.2.2 URI Parameters

None.

##### 62.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

##### 62.2.4 Request Body

A dictionary whose keys/values will depend on the service category of the service. See [Service Attributes Structure](#).

```
{
  "key_one": "Value One",
  "key_two": "Value Two",
  ...
}
```

##### 62.2.5 Validation Rules

1. The service URL ( <https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}> ) should point to a valid service already added to the product.
2. The attribute key/value pair should be allowed for the service specification.

#### 62.3 Response

##### 62.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
	POST data error	Trying to create an attribute without body or with invalid body.
400 Bad Request	Invalid term supplied -1	Trying to add attributes for transfer domain request with invalid value for term (should be 1).
	No attributes defined for the provided service specification	Trying to get attributes for service with no attributes.
401 Unauthorized		

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

403 Forbidden      Unauthorized: Attributes failed permission check

404 Not Found      Resource not found

405 Method Not Allowed

502 Bad Gateway -

## 62.3.2 Response Body

### 62.3.2.1 Successful response

None.

### 62.3.2.2 Error responses

400 Bad Request - no request body is passed

```
{
  "badRequest": {
    "guid": "bd80dfdc-5752-4472-96f2-90f590ddb3f9",
    "message": "POST data error",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - invalid body is passed (required field is missing)

```
{
  "badRequest": {
    "guid": "aae865ae-5102-49d9-blef-8a5419cc0ce7",
    "message": "POST data error",
    "code": 400,
    "details": {"serverName": "Required"}
  }
}
```

400 Bad Request - invalid attributes are passed

```
{
  "badRequest": {
    "guid": "fdd0b796-c690-47af-9666-0478e2bcae27",
    "message": "POST data error",
    "code": 400,
    "details": {"serverLocation": "String does not match expected pattern"}
  }
}
```

400 Bad Request - invalid term for transfer request is passed.

```
{
  "computeFault": {
    "guid": "1e98f8ea-d298-4867-a9aa-0a6486dbefb0",
    "message": "Invalid term supplied -1",
    "code": 400,
    "details": ""
  }
}
```

400 Bad Request - trying to get the attributes for a service that does not have attributes.

```
{
  "computeFault": {
    "guid": "756b755a-84cf-4692-b2c6-70808dc9d00d",
    "message": "No attributes defined for the provided service specification",
    "code": 400, "details": ""
  }
}
```

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

404 Not Found - the order or product was not found.

```
{
  "itemNotFound": {
    "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 62.4 See also

- [Orders API](#)
- [Common Features](#)
- [Service Attributes Structure](#)

The *OwnerId* cookie was not specified or is incorrect.

The client does not have permissions to add attributes.

The client is trying to add attribute for non existing order, product or service.

The service does not support attributes.

Unexpected backend response.



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**63 Orders-orderId-account-products-productId-services-serviceId-attributes:GET**

## 64 GET

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes

Get the Attributes of a given Service. Not all services will have attributes; depending on the service, this call *may* return a response code of 405 (Method not supported). If attributes are supported on the service, but have not yet been set, this call will return an empty dictionary in the response body.

#### 64.1 Contents

- 1 GET  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful responses
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

#### 64.2 Request

GET /orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes

##### 64.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service

##### 64.2.2 URI Parameters

None.

##### 64.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 64.3 Response

##### 64.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
400 Bad Request	No attributes defined for the provided service specification	Trying to get attributes for service with no attributes.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <i>OwnerId</i> cookie was not specified or is incorrect.
403 Forbidden	Unauthorized: Attributes failed permission check	The client does not have permissions for this operation.
404 Not Found	Resource not found	The client is trying to add attribute for non existing order, product or service.
405 Method Not Allowed	-	The service does not support attributes.
502 Bad Gateway	-	Unexpected backend response.

##### 64.3.2 Response Body

###### 64.3.2.1 Successful responses

Will be a dictionary whose keys/values are specific to the service category of the service. See [Service Attributes Structure](#).

###### 64.3.2.2 Error responses

```
400 Bad Request - trying to get the attributes for a service that does not have attributes.
{
  "computeFault": {
    "guid": "756b755a-84cf-4692-b2c6-70808dc9d00d",
    "message": "No attributes defined for the provided service specification",
    "code": 400, "details": ""
  }
}
```

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

404 Not Found - the order, product or service was not found.

```
{
  "itemNotFound": {
    "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 64.4 See also

- [Orders API](#)
- [Common Features](#)
- [Service Attributes Structure](#)

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## 66 OPTIONS

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes

Get list of supported methods for this resource, plus some hints on the expected resource structure.

#### 66.1 Contents

- 1 OPTIONS  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Response Status Code
    - ◇ 1.2.2 Response Headers
    - ◇ 1.2.3 Response Body
  - ◆ 1.3 See also

#### 66.2 Request

OPTIONS /orders/{orderId}/account/products/{productId}/services/{serviceId}/attributes

##### 66.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*

UUID specifying the product

serviceId - *string*

UUID specifying the service

#### 66.3 Response

##### 66.3.1 Response Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The <i>OwnerId</i> cookie was not specified or is incorrect.
403 Forbidden	Unauthorized: Attributes failed permission check	The client does not have permissions for this operation.
404 Not Found	Resource not found	The client is trying to add attribute for non existing order, product or service.
502 Bad Gateway	-	Unexpected backend response.

##### 66.3.2 Response Headers

Allow

Contains a comma-separated list of methods that are allowed on this resource. For services that do not support attributes, this will contain only the OPTIONS method.

##### 66.3.3 Response Body

A dictionary whose keys/values are specific to the service category of the service. Rather than returning actual service data, the body will contain a dictionary that provides hints for how to build the request body for a PUT request, for example:

```
{
  "name": "String",
  "numWidgets": "Integer",
  "widgets": [
    {
      "id": "String",
      "widgetType": "String",
      "otherAttribute": "String"
    }
  ]
}
```

#### 66.4 See also

- [Orders API](#)
- [Common Features](#)
- [Service Attributes Structure](#)

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## 67 ServiceAttributesStructure

Services supported by Hostway Public Order API:

- [Web Hosting](#)
- [Domain Name Registration](#)
- [Sub-Domain Registration](#)
- [Dedicated Server](#)
- [Dedicated Server Firewall](#)
- [Exchange2010](#)
- [WhoisProtector \(Private Registration\)](#)
- [DomainGuard](#)
- [VPS Virtuozzo Server](#)
- [WebsPlanet](#)
- [Excel Micro](#)
- [Cloud Compute](#)
- [Sharepoint](#)
- [Sharepoint 2007](#)
- [Fax Over Email - User](#)
- [Fax Over Email - Number](#)
- [Online Backup - Account](#)
- [AVAS](#)

### 67.1 See also

- [Orders API](#)
- [Account Management API](#)

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**68 Orders-orderId-account-products-productId-services-serviceId-notes:POST**



## 69 POST

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

Adds a new note to a service in the order.

#### 69.1 Contents

- 1 POST  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/notes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Headers
    - ◇ 1.2.3 Response Body
      - 1.2.3.1 Successful response
      - 1.2.3.2 Error responses
  - ◆ 1.3 See also

#### 69.2 Request

POST /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

##### 69.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service

##### 69.2.2 URI Parameters

None.

##### 69.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

##### 69.2.4 Request Body

```
{  
  "note": "xx"  
}
```

###### 69.2.4.1 Parameters

note - *string*  
The text of the note

## 69.3 Response

### 69.3.1 Status Code

Status Code	Error Message	Description
201 Created	-	The note was successfully added to the service.
400 Bad Request	POST data error	Trying to create a note without passing all the required attributes.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The request was not properly authorized.
403 Forbidden	Unauthorized: NotesView failed permission check	The client does not have permissions to add notes.
404 Not Found	Resource not found	The order or product or service doesn't exist.
405 Method not allowed	Method not allowed	Trying to add notes for placed order.
502 Bad Gateway	-	Unexpected backend response.

## 69.3.2 Response Headers

None.

## 69.3.3 Response Body

### 69.3.3.1 Successful response

201 Created

### 69.3.3.2 Error responses

400 Bad Request - request body is missing some of the required attributes

```
{
  "badRequest": {
    "guid": "23bf964e-fb93-4bd6-816e-3dcb31b82755",
    "message": "POST data error",
    "code": 400,
    "details": {
      "note": "Required"
    }
  }
}
```

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have access to add notes.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: NotesView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found - the order, product or the service was not found.

```
{
  "itemNotFound": {
    "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

{
  "badMethod": {
    "guid": "3e9418e0-5a5d-4652-ae50-0e665d39571a",
    "message": "Method not allowed",
    "code": 405,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 69.4 See also

- [Orders API](#)
- [Common Features](#)

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**70 Orders-orderId-account-products-productId-services-serviceId-notes:PUT**

## 71 PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

Updates the notes for a service in the order.

### 71.1 Contents

- 1 PUT  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/notes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Headers
    - ◇ 1.2.3 Response Body
      - 1.2.3.1 Successful response
      - 1.2.3.2 Error responses
  - ◆ 1.3 See also

### 71.2 Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

#### 71.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service

#### 71.2.2 URI Parameters

None.

#### 71.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

#### 71.2.4 Request Body

```
{  
  "notes": ["xx", "zz"]  
}
```

##### 71.2.4.1 Parameters

notes - *list*  
List of notes to update the existing notes for a the service

### 71.3 Response

#### 71.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The notes were successfully added to the service.
400 Bad Request	POST data error	Trying to update the notes without passing all the required attributes.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The request was not properly authorized.
403 Forbidden	Unauthorized: NotesView failed permission check	The client does not have permissions to update the notes.
404 Not Found	Resource not found	The order, product or service doesn't exist.
405 Method not allowed	Method not allowed	Trying to update the notes for placed order.
502 Bad Gateway	-	Unexpected backend response.

## 71.3.2 Response Headers

None.

## 71.3.3 Response Body

### 71.3.3.1 Successful response

201 Created

### 71.3.3.2 Error responses

400 Bad Request - request body is missing some of the required attributes

```
{
  "badRequest": {
    "guid": "23bf964e-fb93-4bd6-816e-3dcb31b82755",
    "message": "POST data error",
    "code": 400,
    "details": {
      "notes": "Required"
    }
  }
}
```

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have access to update the notes.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: NotesView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found - the order, product or the service was not found.

```
{
  "itemNotFound": {
    "guid": "e1792d8a-5b0a-43ef-adf5-34a0710c8fc5",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

{
  "badMethod": {
    "guid": "3e9418e0-5a5d-4652-ae50-0e665d39571a",
    "message": "Method not allowed",
    "code": 405,
    "details": ""
  }
}
```

502 Bad Gateway - unexpected error from the backend.

```
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}
```

## 71.4 See also

- [Orders API](#)
- [Common Features](#)

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## 73 GET /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

Get all notes for a given service.

### 73.1 Contents

- 1 GET /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
        - 1.2.2.1.1 Parameters
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 73.2 Request

GET /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

#### 73.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the product

#### 73.2.2 URI Parameters

None.

#### 73.2.3 Request Headers

### 73.3 Response

#### 73.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The notes for the service (if any) are successfully returned.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The request was not properly authorized.
403 Forbidden	Unauthorized: NotesView failed permission check	The client does not have permissions to get information about the notes.
404 Not Found	Resource not found	The client is trying to get the notes for non existing order, product or service.
502 Bad Gateway	-	Unexpected backend response.

#### 73.3.2 Response Body

##### 73.3.2.1 Successful response

```
200 OK
{
  "notes": ["xx", "zz"],
  "links": [
    { "href": "https://api.hostway.com/orders/{orderId}/account/products/{productId}/services/{serviceId}/notes", "rel": "self" }
  ]
}
```

##### 73.3.2.1.1 Parameters

notes - *list*  
List of the notes for the given service.

links - *list*  
[Hypermedia](#) for the list of notes resources

##### 73.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have access to get the information about the notes for a service.

```

{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: NotesView failed permission check",
    "code": 403,
    "details": ""
  }
}

404 Not Found - the order, the product or the service doesn't exist.
{
  "itemNotFound": {
    "guid": "3a422918-24c3-4c20-9bee-f1c61695e987",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}

502 Bad Gateway - unexpected error from the backend.
{
  "computeFault": {
    "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",
    "timestamp": "2014-09-10 20:59:50",
    "code": 502,
    "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"
  }
}

```

## 73.4 See also

- [Orders API](#)
- [Common Features](#)

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**74 Orders-orderId-account-products-productId-services-serviceId-notes:DELETE**

# 75 DELETE

## /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

Removes notes from a service.

### 75.1 Contents

- 1 DELETE  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/notes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Successful response
      - 1.2.2.2 Error responses
  - ◆ 1.3 See also

### 75.2 Request

DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

#### 75.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the POST /orders call.

productId - *string*  
Product's unique Id.

serviceId - *string*  
UUID specifying the service to be deleted

#### 75.2.2 URI Parameters

None.

#### 75.2.3 Request Headers

### 75.3 Response

#### 75.3.1 Status Code

Status Code	Error Message	Description
204	-	The operation was successfully completed.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The request was not properly authorized.
403 Forbidden	Unauthorized: NotesView failed permission check	The client does not have permissions to delete the notes.
404 Not Found	Resource not found	The order, product or service is not found.
502 Bad Gateway	-	Unexpected backend response.

#### 75.3.2 Response Body

##### 75.3.2.1 Successful response

None.

##### 75.3.2.2 Error responses

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., b

403 Forbidden - the client does not have permissions to delete the notes.

```
{
  "forbidden": {
    "guid": "d336dd8e-bc52-44f3-b672-9aa2fac7fbf4",
    "message": "Unauthorized: NotesView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

404 Not Found

```
{
  "itemNotFound": {
    "guid": "579951da-5f2c-4db7-9169-25658bfaafdb",
    "message": "Resource not found",

```

```
        "code": 404,  
        "details": ""  
    }  
}  
  
502 Bad Gateway - unexpected error from the backend.  
{  
    "computeFault": {  
        "guid": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce",  
        "timestamp": "2014-09-10 20:59:50",  
        "code": 502,  
        "errorRefId": "8ced5fe7-f6a9-4e8f-8700-cfc9fa15e6ce"  
    }  
}
```

## 75.4 See also

- [Orders API](#)
- [Common Features](#)

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**76 Orders-orderId-account-products-productId-services-serviceId-notes:OPTIONS**

## 77 OPTIONS

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

Get list of supported methods for this resource, plus some hints on the expected resource structure.

#### 77.1 Contents

- 1 OPTIONS  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/notes
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Response Status Code
    - ◇ 1.2.2 Response Headers
    - ◇ 1.2.3 Response Body
  - ◆ 1.3 See also

#### 77.2 Request

OPTIONS /orders/{orderId}/account/products/{productId}/services/{serviceId}/notes

##### 77.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service

#### 77.3 Response

##### 77.3.1 Response Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.	The request was not properly authorized.
403 Forbidden	Unauthorized: NotesView failed permission check	The client does not have permissions for this operation.
404 Not Found	Resource not found	The order, product or service doesn't exist.

##### 77.3.2 Response Headers

Allow  
Contains a comma-separated list of methods that are allowed on this resource. For services that do not support attributes, this will contain only the OPTIONS method.

##### 77.3.3 Response Body

A dictionary whose keys/values are specific to the service category of the service. Rather than returning actual service data, the body will contain a dictionary that provides hints for how to build the request body for a PUT request, for example:

#### 77.4 See also

- [Orders API](#)
- [Common Features](#)

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**78 Orders-orderId-account-products-productId-promotion:PUT**

## 79 PUT /orders/{orderId}/account/products/{productId}/promotion

Set promotion code for a product in an order.

### 79.1 Contents

- 1 PUT  
/orders/{orderId}/account/products/{productId}/promotion
  - ◆ 1.1 Request
    - ◇ 1.1.1 URI Parameters
    - ◇ 1.1.2 Query String Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Request Body Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully add a promotion code for product
    - ◇ 1.3.2 Missing promoCode field
    - ◇ 1.3.3 No authorization
    - ◇ 1.3.4 Unassociated user without cookie
    - ◇ 1.3.5 Order does not exist
  - ◆ 1.4 See also

### 79.2 Request

PUT /orders/{orderId}/account/products/{productId}/promotion

#### 79.2.1 URI Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*

UUID specifying the product for which actions are to be performed

#### 79.2.2 Query String Parameters

None.

#### 79.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 79.2.4 Request Body

```
{
  "promoCode": "ThanksgivingPriceDrop"
}
```

##### 79.2.4.1 Request Body Parameters

promoCode - *string*

A promotion code to be applied to the product fees when retrieving the quote.

## 79.3 Response

### 79.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
400 Bad Request	POST data error	promoCode was not provided.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to add the promotion code.
403 Forbidden	Unauthorized: PromotionView failed permission check	Set product promotion as an authenticated user, not associated with the order.
404 Not Found	Resource not found	Order does not exist. Product does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot apply promotion code.

### 79.4 Example

## 79.4.1 Successfully add a promotion code for product

### Request

```
PUT /orders/{orderId}/account/products/{product_id}/promotion
Cookie: OwnerId={owner_id}; Path=/

{
  "promoCode": "ThanksgivingPriceDrop"
}
```

### Response

204 No Content

## 79.4.2 Missing promoCode field

### Request

```
PUT /orders/{orderId}/account/products/{product_id}/promotion
Cookie: OwnerId={owner_id}; Path=/

{
  "code": "ThanksgivingPriceDrop"
}
```

### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "badRequest": {
    "guid": "ee20516d-011e-44ea-99d2-ae7a2b6fe99a",
    "message": "Resource not found",
    "code": 400,
    "details": {
      "promoCode": "Required"
    }
  }
}
```

## 79.4.3 No authorization

### Request

```
PUT /orders/{orderId}/account/user
Cookie: OwnerId={wrong_owner_id}; Path=/

{
  "promoCode": "ThanksgivingPriceDrop"
}
```

### Response

401 Unauthorized  
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

## 79.4.4 Unassociated user without cookie

### Request

```
PUT /orders/{orderId}/account/products/{productId}/promotion
Authorization: {unassociated_user_authorization}

{
  "promoCode": "truflex600_mitko"
}
```

### Response

403 Forbidden  
Content-Type: application/json; charset=UTF-8

```
{
  "forbidden" : {
    "guid" : "3e6e1847-402f-4a91-b083-190ca0713b23",
    "message" : "Unauthorized: PromotionView failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

## 79.4.5 Order does not exist

### Request

```
PUT /orders/{non-existent_orderId}/account/products/{product_id}/promotion
Cookie: OwnerId={owner_id}; Path=/

{
  "promoCode": "ThanksgivingPriceDrop"
}
```



## Response

```
404 Not found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "ee20516d-011e-44ea-99d2-ae7a2b6fe99a",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 79.5 See also

- [Orders API](#)
- [Common Features](#)

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**80 Orders-orderId-account-products-productId-promotion:DELETE**

## 81 DELETE /orders/{orderId}/account/products/{productId}/promotion

Set promotion code for a product in an order.

### 81.1 Contents

- 1 DELETE /orders/{orderId}/account/products/{productId}/promotion
  - ◆ 1.1 Request
    - ◇ 1.1.1 URI Parameters
    - ◇ 1.1.2 Query String Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully delete a promotion code for product
    - ◇ 1.3.2 Product does not exist
  - ◆ 1.4 See also

### 81.2 Request

DELETE /orders/{orderId}/account/products/{productId}/promotion

#### 81.2.1 URI Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*

UUID specifying the product for which actions are to be performed

#### 81.2.2 Query String Parameters

None.

#### 81.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 81.3 Response

#### 81.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
404 Not Found	Resource not found	Order does not exist. Product does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot delete promotion code.

### 81.4 Example

#### 81.4.1 Successfully delete a promotion code for product

Request

```
DELETE /orders/{orderId}/account/products/{product_id}/promotion
Cookie: OwnerId={owner_id}; Path=/
```

Response

204 No Content

#### 81.4.2 Product does not exist

Request

```
DELETE /orders/{order_id}/account/products/{non-existent_product_id}/promotion
Cookie: OwnerId={owner_id}; Path=/
```

Response

404 Not found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "ee20516d-011e-44ea-99d2-ae7a2b6fe99a",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

```
} }
```

## 81.5 See also

- [Orders API](#)
- [Common Features](#)

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**82 Orders-orderId-account-products-productId-services-serviceId-promotion:PUT**

## 83 PUT

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/promotion

Set promotion code for a service in an order.

#### 83.1 Contents

- 1 PUT  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/promotion
  - ◆ 1.1 Request
    - ◇ 1.1.1 URI Parameters
    - ◇ 1.1.2 Query String Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Request Body Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully add a promotion code for service
    - ◇ 1.3.2 Missing promoCode field
    - ◇ 1.3.3 No authorization
    - ◇ 1.3.4 Order does not exist
  - ◆ 1.4 See also

#### 83.2 Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/promotion

##### 83.2.1 URI Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service for which actions are to be performed

##### 83.2.2 Query String Parameters

None.

##### 83.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

##### 83.2.4 Request Body

```
{
  "promoCode": "{promoCode}"
}
```

###### 83.2.4.1 Request Body Parameters

promoCode - *string* (Required)  
A promotion code to be applied to the service fees when retrieving the quote.

## 83.3 Response

#### 83.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
400 Bad Request	POST data error	promoCode was not provided.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to add the promotion code. Only authenticated users may access the order, and no authentication header provided for the current request.
404 Not Found	Resource not found	Order does not exist. Product or service does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot apply promotion code.

#### 83.4 Example

### 83.4.1 Successfully add a promotion code for service

#### Request

```
PUT /orders/{orderId}/account/products/{product_id}/services/{serviceId}/promotion
Cookie: OwnerId={owner_id}; Path=/

{
  "promoCode": "ThanksgivingPriceDrop"
}
```

#### Response

204 No Content

### 83.4.2 Missing promoCode field

#### Request

```
PUT /orders/{orderId}/account/products/{product_id}/services/{serviceId}/promotion
Cookie: OwnerId={owner_id}; Path=/

{
  "code": "ThanksgivingPriceDrop"
}
```

#### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "badRequest": {
    "guid": "{guid}",
    "message": "Resource not found",
    "code": 400,
    "details": {
      "promoCode": "Required"
    }
  }
}
```

### 83.4.3 No authorization

#### Request

```
PUT /orders/{orderId}/account/products/{product_id}/services/{serviceId}/promotion
Cookie: OwnerId={wrong_owner_id}; Path=/

{
  "promoCode": "ThanksgivingPriceDrop"
}
```

#### Response

401 Unauthorized  
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 83.4.4 Order does not exist

#### Request

```
PUT /orders/{non-existing_orderId}/account/products/{product_id}/services/{serviceId}/promotion
Cookie: OwnerId={owner_id}; Path=/

{
  "promoCode": "ThanksgivingPriceDrop"
}
```

#### Response

404 Not found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "{guid}",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 83.5 See also

- [Orders API](#)
- [Common Features](#)

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## 85 DELETE

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/promotion

Remove promotion code for a service in an order.

#### 85.1 Contents

- 1 DELETE  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/promotion
  - ◆ 1.1 Request
    - ◇ 1.1.1 URI Parameters
    - ◇ 1.1.2 Query String Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Successfully remove a promotion code for service
    - ◇ 1.3.2 No authorization
    - ◇ 1.3.3 Service does not exist
  - ◆ 1.4 See also

#### 85.2 Request

DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}/promotion

##### 85.2.1 URI Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product

serviceId - *string*  
UUID specifying the service for which actions are to be performed

##### 85.2.2 Query String Parameters

None.

##### 85.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 85.3 Response

##### 85.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to delete the promotion code. Only authenticated users may access the order, and no authentication header provided for the current request.
404 Not Found	Resource not found	Order does not exist. Product or service does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot delete promotion code.

#### 85.4 Example

##### 85.4.1 Successfully remove a promotion code for service

###### Request

DELETE /orders/{order\_id}/account/products/{product\_id}/services/{service\_id}/promotion  
Cookie: OwnerId={owner\_id}; Path=

###### Response

204 No Content

##### 85.4.2 No authorization

###### Request

DELETE /orders/{orderId}/account/products/{product\_id}/services/{serviceId}/promotion  
Cookie: OwnerId={wrong\_owner\_id}; Path=

## Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 85.4.3 Service does not exist

#### Request

```
DELETE /orders/{order_id}/account/products/{product_id}/services/{non_existing_service_id}/promotion
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "{guid}",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 85.5 See also

- [Orders API](#)
- [Common Features](#)

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## 87 PUT /orders/{orderId}/discounts

Set discounts for the entire Order. Discounts that are applied to an entire order will be applied to all of the product and services within the order. **Note:** This will replace any existing discounts that were configured at the order level.

### 87.1 Contents

- 1 PUT /orders/{orderId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Invalid discount amount
    - ◇ 1.3.3 Invalid discount type
    - ◇ 1.3.4 Invalid discount number of recurrences
    - ◇ 1.3.5 Missing price type
    - ◇ 1.3.6 Missing authorization
    - ◇ 1.3.7 Insufficient privileges
    - ◇ 1.3.8 Order does not exist
  - ◆ 1.4 See also

### 87.2 Request

PUT /orders/{orderId}/discounts

#### 87.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

#### 87.2.2 URI Parameters

None.

#### 87.2.3 Request Headers

Content-Type

Required. Set this header to `application/json; charset=UTF-8`

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 87.2.4 Request Body

```
{
  "discounts": [
    {
      "priceName": "recurring",
      "recurrences": -1,
      "type": "amount",
      "value": "1.00"
    }
  ]
}
```

##### 87.2.4.1 Parameters

discounts - *list*

A list of discounts. Each discount contains the following:

priceName - *string*

The type of price to which the discount will be applied.

Validation: Should match the fee types configured in the back-end.

Note: Only "recurring" is currently supported

recurrences - *integer*

The number of times that the discount will be applied. A value of "-1" means the discount will be applied every time the fee is charged.

Validation: Should be either a positive integer or -1.

Note: Value must be -1 if the priceName is "recurring".

type - *string*

Specifies the discount type which determines the method used to calculate the amount that is discounted. Possible values are:

**amount**: Discount will be treated as an exact amount

**percent**: Discount will be treated as a percentage

Validation: Should be set to either **amount** or **percent**.

value - *string*

The discount amount. The value will be interpreted based on the specified discount type.

Validation: Should be a positive number.

## 87.3 Response

### 87.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The discount was successfully set.
	POST data error	A required field is missing.
		<b>Validation Error:</b>
		Reccurences should be either a positive integer or -1.
400 Bad Request	Bad request	Price type should be <b>reccuring</b> .
	{value} discount amount is invalid	Discount amount should be a positive number.
	{type} discount type is unsupported	Type should be set to either <b>amount</b> or <b>percent</b> .
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot set custom discounts.

## 87.4 Example

### 87.4.1 Success

#### Request

```
PUT /orders/{orderId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

#### Response

204 No Content

### 87.4.2 Invalid discount amount

#### Request

```
PUT /orders/{orderId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "-5.00"
  }]
}
```

```
}
```

## Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault": {
    "guid": "c3563e61-a297-4dbe-b072-24aace7b5e44",
    "message": "-5.00 discount amount is invalid",
    "code": 400,
    "details": ""
  }
}
```

## 87.4.3 Invalid discount type

### Request

PUT /orders/{orderId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "numbers",
    "value": "5.00"
  }]
}
```

### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault": {
    "guid": "1a94f744-5b33-4d54-ab28-77b875934829",
    "message": "amounts discount type is unsupported",
    "code": 400,
    "details": ""
  }
}
```

## 87.4.4 Invalid discount number of recurrences

### Request

PUT /orders/{orderId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-10",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault": {
    "guid": "e15a6425-1cad-4154-b8f9-c10a0e46bf2c",
    "message": "Bad Request",
    "code": 400,
    "details": ""
  }
}
```

## 87.4.5 Missing price type

### Request

PUT /orders/{orderId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "recurrences": "-1",
    "type": "amount",
    "value": "-5.00"
  }]
}
```

### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "badRequest" : {
    "guid" : "bb3da718-f0e1-4787-acd4-8cf4215f0c44",
    "message" : "POST data error",
    "code" : 400,
    "details" : {
      "discounts.0.priceName" : "Required"
    }
  }
}
```

## 87.4.6 Missing authorization

### Request

```
PUT /orders/{orderId}/discounts
Content-Type : application/json; charset=UTF-8
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

## 87.4.7 Insufficient privileges

### Request

```
PUT /orders/{orderId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic ZWdjUlBtZWZiWnJVQHNPdGVjb250cm9sX2hvc3R3YXlfdXNfbWVpbjBjTdnVROGlWOUFTVTc0
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

```
403 Forbidden
Content-Type : application/json; charset=UTF-8
```

```
{
  "forbidden": {
    "guid": "1912d9fa-5fbe-4e16-b0ba-00d50c9c1ec4",
    "message": "Unauthorized: DiscountsView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

## 87.4.8 Order does not exist

### Request

```
PUT /orders/{non-existent_orderId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "cca219c5-3e2b-481d-8e7f-7083064872ff",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```



}

## 87.5 See also

- [Orders API](#)
- [Common Features](#)

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## 88 Orders-orderId-discounts:GET

# 89 GET /orders/{orderId}/discounts

Get discounts that were added at the Order level. Discounts that are applied to an entire order will be applied to all of the product and services within the order.

## 89.1 Contents

- 1 GET /orders/{orderId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Missing authorization
    - ◇ 1.3.3 Insufficient privileges
    - ◇ 1.3.4 Order does not exist
  - ◆ 1.4 See also

## 89.2 Request

GET /orders/{orderId}/discounts

### 89.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

### 89.2.2 URI Parameters

None.

### 89.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

## 89.3 Response

### 89.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The request was executed successfully.
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot retrieve order discounts.

### 89.3.2 Response Body

```
{
  "discounts": [
    {
      "priceName": "recurring",
      "recurrences": -1,
      "type": "amount",
      "value": "1.00"
    }
  ],
  "links": [
```

```

    {
      "href": "https://api.hostway.com/orders/{orderId}/account/user/",
      "rel": "self"
    }
  ]
}

```

### 89.3.2.1 Parameters

discounts - *list*

A list of discounts. Each discount contains the following:

priceName - *string*

The type of price to which the discount will be applied.

recurrences - *integer*

The number of times that the discount will be applied. A value of "-1" means the discount will be applied every time the fee is charged.

type - *string*

Specifies the discount type which determines the method used to calculate the amount that is discounted. Possible values are:  
**amount:** Discount will be treated as an exact amount.

value - *string*

The discount amount. The value will be interpreted based on the specified discount type.

links - *list*

[Hypermedia](#) for this resource. Links to self.

## 89.4 Example

### 89.4.1 Success

#### Request

```

GET /orders/{orderId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

200 OK
Content-Type : application/json; charset=UTF-8

{
  "discounts": [
    {
      "priceName": "recurring",
      "type": "amount",
      "value": "5.00",
      "recurrences": -1
    }
  ],
  "links": [
    {
      "href": "https://api.hostway.com/orders/000001485584ddfe2c27d60a007f000000010001/discounts/",
      "rel": "self"
    }
  ]
}

```

### 89.4.2 Missing authorization

#### Request

```

GET /orders/{orderId}/discounts
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

401 Unauthorized
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

This server could not verify that you are authorized to access the document you requested.
Either you supplied the wrong credentials (e.g., bad password),
or your browser does not understand how to supply the credentials required.

```

### 89.4.3 Insufficient privileges

#### Request

```

GET /orders/{orderId}/discounts
Authorization: Basic ZWdjUlBtZWZiWnJVQHNPdGVjb250cm9sX2hvc3R3YXlfdXNfbWVpbjBpTdnVROGlWOUFTVTc0
Cookie: OwnerId={owner_id}; Path=/

```

#### Response

```

403 Forbidden
Content-Type : application/json; charset=UTF-8

{

```

```
"forbidden": {
  "guid": "b5b513b8-8436-4eee-b49e-ac1d369a9d1b",
  "message": "Unauthorized: DiscountsView failed permission check",
  "code": 403,
  "details": ""
}
```

#### 89.4.4 Order does not exist

##### Request

```
GET /orders/{non-existent_orderId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

##### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound": {
    "guid": "402282af-9f53-4973-8437-469087465843",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

#### 89.5 See also

- [Orders API](#)
- [Common Features](#)

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## 90 Orders-orderId-discounts:DELETE

# 91 DELETE /orders/{orderId}/discounts

Remove all discounts that were previously added at the Order level. This will not remove discounts that were added to specific products or services.

## 91.1 Contents

- 1 DELETE /orders/{orderId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Missing authorization
    - ◇ 1.3.3 Insufficient privileges
    - ◇ 1.3.4 Order does not exist
  - ◆ 1.4 See also

## 91.2 Request

DELETE /orders/{orderId}/discounts

### 91.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

### 91.2.2 URI Parameters

None.

### 91.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

## 91.3 Response

### 91.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The request was executed successfully.
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot delete custom discounts.

## 91.4 Example

### 91.4.1 Success

#### Request

DELETE /orders/{orderId}/discounts  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=/

#### Response

204 No Content

## 91.4.2 Missing authorization

### Request

```
DELETE /orders/{orderId}/discounts
Cookie: OwnerId={owner_id}; Path=/
```

### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

## 91.4.3 Insufficient privileges

### Request

```
DELETE /orders/{orderId}/discounts
Authorization: Basic ZWdjUlBtZWZiWnJVQHNpdGVjb250cm9sX2hvc3R3YXlfdXNfbWVpYjpTdnVROGlWOUFTVTc0
Cookie: OwnerId={owner_id}; Path=/
```

### Response

```
403 Forbidden
Content-Type : application/json; charset=UTF-8
```

```
{
  "forbidden": {
    "guid": "8e235035-f8fe-465f-9b5d-85ef49829fd3",
    "message": "Unauthorized: DiscountsView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

## 91.4.4 Order does not exist

### Request

```
DELETE /orders/{non-existent_orderId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=/
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "7f3091bd-5930-4f14-9f02-86780cd8405f",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 91.5 See also

- [Orders API](#)
- [Common Features](#)

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## 92 Orders-orderId-account-products-productId-discounts:PUT

## 93 PUT /orders/{orderId}/account/products/{productId}/discounts

Set discounts for a Product in an Order. Discounts will be applied only to the specified product. **Note: This will replace any existing discounts that were configured for the specified product.**

### 93.1 Contents

- 1 PUT  
/orders/{orderId}/account/products/{productId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Invalid discount amount
    - ◇ 1.3.3 Invalid discount type
    - ◇ 1.3.4 Invalid price type
    - ◇ 1.3.5 Invalid discount number of recurrences
    - ◇ 1.3.6 Missing price type
    - ◇ 1.3.7 Missing authorization
    - ◇ 1.3.8 Insufficient privileges
    - ◇ 1.3.9 Order does not exist
  - ◆ 1.4 See also

### 93.2 Request

PUT /orders/{orderId}/account/products/{productId}/discounts

#### 93.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product for which actions are to be performed

#### 93.2.2 URI Parameters

None.

#### 93.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 93.2.4 Request Body

```
{
  "discounts": [
    {
      "priceName": "recurring",
      "recurrences": -1,
      "type": "amount",
      "value": "1.00"
    }
  ]
}
```

##### 93.2.4.1 Parameters

discounts - *list*  
A list of discounts. Each discount contains the following:

priceName - *string*  
The type of price to which the discount will be applied.  
Validation: Should match the fee types configured in the back-end (eg. 'recurring').

recurrences - *integer*  
The number of times that the discount will be applied. A value of "-1" means the discount will be applied every time the fee is charged.  
Validation: Should be either a positive integer or -1.  
Note: Value must be -1 if the priceName is "recurring".

type - *string*  
Specifies the discount type which determines the method used to calculate the amount that is discounted. Possible values are:  
**amount:** Discount will be treated as an exact amount  
**percent:** Discount will be treated as a percentage

Validation: Should be set to either **amount** or **percent**.

value - *string*

The discount amount. The value will be interpreted based on the specified discount type.  
Validation: Should be a positive number.

## 93.3 Response

### 93.3.1 Status Code

Status Code	Error Message	Description
204 No Content	- POST data error	The discount was successfully set. Required fields are missing. <b>Validation Error:</b>
400 Bad Request	{priceName} discount fee type is invalid {value} discount amount is invalid {type} discount type is unsupported {recurrences} discount period is invalid	Type of price is not recognized by the system. Discount amount should be a <b>positive</b> number. Type should be set to either <b>amount</b> or <b>percent</b> . Number of recurrences should be either a <b>positive</b> integer or <b>-1</b> . If priceName is <b>recurring</b> , it should be <b>-1</b> .
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist. Product could not be found.
502 Bad Gateway	-	Unexpected backend response. Cannot set custom discounts.

## 93.4 Example

### 93.4.1 Success

#### Request

```
PUT /orders/{orderId}/account/products/{productId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

#### Response

204 No Content

### 93.4.2 Invalid discount amount

#### Request

```
PUT /orders/{orderId}/account/products/{productId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "-5.00"
  }]
}
```

#### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault": {
    "guid": "c3563e61-a297-4dbe-b072-24aace7b5e44",
    "message": "-5.00 discount amount is invalid",
    "code": 400,
    "details": ""
  }
}
```

### 93.4.3 Invalid discount type

#### Request

```
PUT /orders/{orderId}/account/products/{productId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "numbers",
    "value": "5.00"
  }]
}
```

## Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault": {
    "guid": "1a94f744-5b33-4d54-ab28-77b875934829",
    "message": "numbers discount type is unsupported",
    "code": 400,
    "details": ""
  }
}
```

## 93.4.4 Invalid price type

### Request

PUT /orders/{orderId}/account/products/{productId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "nonrecurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault" : {
    "guid" : "62967417-b2d6-46fa-8a8d-90d9231ce844",
    "message" : "nonrecurring discount fee type is invalid",
    "code" : 400,
    "details" : ""
  }
}
```

## 93.4.5 Invalid discount number of recurrences

### Request

PUT /orders/{orderId}/account/products/{productId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-10",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault" : {
    "guid" : "bc360508-3392-4185-a07f-8f8cfff6884e",
    "message" : "-10 discount period is invalid",
    "code" : 400,
    "details" : ""
  }
}
```

## 93.4.6 Missing price type

### Request

PUT /orders/{orderId}/account/products/{productId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{,
    "recurrences": "-10",
    "type": "amount",
    "value": "5.00"
  }]
}
```

```
}
```

## Response

```
400 Bad Request
Content-Type : application/json; charset=UTF-8
```

```
{
  "badRequest" : {
    "guid" : "5f2c19c5-ae18-4fee-b509-476b7ebe4b9c",
    "message" : "POST data error",
    "code" : 400,
    "details" : {
      "discounts.0.priceName" : "Required"
    }
  }
}
```

## 93.4.7 Missing authorization

### Request

```
PUT /orders/{orderId}/account/products/{productId}/discounts
Content-Type : application/json; charset=UTF-8
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

## 93.4.8 Insufficient privileges

### Request

```
PUT /orders/{orderId}/account/products/{productId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic ZWdjUlBtZWZiWnJVQHNPdGVjb250cm9sX2hvc3R3YXlfdXNfbWpjbTdnVROGlWOUFTVTc0
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

```
403 Forbidden
Content-Type : application/json; charset=UTF-8
```

```
{
  "forbidden": {
    "guid": "1912d9fa-5fbe-4e16-b0ba-00d50c9c1ec4",
    "message": "Unauthorized: DiscountsView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

## 93.4.9 Order does not exist

### Request

```
PUT /orders/{non-existent_orderId}/account/products/{productId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmVjaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound": {
    "guid": "cca219c5-3e2b-481d-8e7f-7083064872ff",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 93.5 See also

- [Orders API](#)
- [Common Features](#)

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## 94 Orders-orderId-account-products-productId-discounts:GET

## 95 GET /orders/{orderId}/account/products/{productId}/discounts

Get discounts that were added at the Product level.

### 95.1 Contents

- 1 GET  
/orders/{orderId}/account/products/{productId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Missing authorization
    - ◇ 1.3.3 Insufficient privileges
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Product could not be found
  - ◆ 1.4 See also

### 95.2 Request

GET /orders/{orderId}/account/products/{productId}/discounts

#### 95.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the **POST /orders** call.

productId - *string*  
UUID specifying the product for which actions are to be preformed

#### 95.2.2 URI Parameters

None.

#### 95.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 95.3 Response

#### 95.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The request was executed successfully.
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist. Product could not be found.
502 Bad Gateway	-	Unexpected backend response. Cannot retrieve product discounts.

#### 95.3.2 Response Body

```
{
  "discounts": [
    {
      "priceName": "recurring",
      "recurrences": -1,
      "type": "amount",
      "value": "1.00"
    }
  ],
  "links": [
    {
      "href": "https://api.hostway.com/orders/{orderId}/account/product/{productId}/discounts",
      "rel": "self"
    }
  ]
}
```

##### 95.3.2.1 Parameters

discounts - *list*  
A list of discounts. Each discount contains the following:

priceName - *string*  
The type of price to which the discount will be applied.



recurrences - *integer*

The number of times that the discount will be applied. A value of "-1" means the discount will be applied every time the fee is charged.

type - *string*

Specifies the discount type which determines the method used to calculate the amount that is discounted. Possible values are:  
**amount:** Discount will be treated as an exact amount.

value - *string*

The discount amount. The value will be interpreted based on the specified discount type.

links - *list*

[Hypermedia](#) for this resource. Links to self.

## 95.4 Example

### 95.4.1 Success

#### Request

```
GET /orders/{orderId}/account/products/{productId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=/
```

#### Response

```
200 OK
Content-Type : application/json; charset=UTF-8
```

```
{
  "discounts" : [ {
    "priceName" : "recurring",
    "type" : "amount",
    "value" : "5.00",
    "recurrences" : -1
  } ],
  "links" : [ {
    "href" : "http://coreapi01.ote.chicago.hostway:8092/orders/00000148598765a3088232de007f000000010001/account/products/000001485988d9197a60",
    "rel" : "self"
  } ]
}
```

### 95.4.2 Missing authorization

#### Request

```
GET /orders/{orderId}/account/products/{productId}/discounts
Cookie: OwnerId={owner_id}; Path=/
```

#### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
```

```
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 95.4.3 Insufficient privileges

#### Request

```
GET /orders/{orderId}/account/products/{productId}/discounts
Authorization: Basic ZWdjUlBtZWZiWnJVQHNPdGVjb250cm9sX2hvc3R3YXlfdXNfbWpjbjPTdnVROGlWOuFTVTic0
Cookie: OwnerId={owner_id}; Path=/
```

#### Response

```
403 Forbidden
Content-Type : application/json; charset=UTF-8
```

```
{
  "forbidden": {
    "guid": "b5b513b8-8436-4eee-b49e-ac1d369a9d1b",
    "message": "Unauthorized: DiscountsView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

### 95.4.4 Order does not exist

#### Request

```
GET /orders/{non-existent_orderId}/account/products/{productId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=/
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound" : {
    "guid" : "4383366c-845c-4311-97ee-9dd7d7d0045b",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

## 95.4.5 Product could not be found

### Request

```
GET /orders/{orderId}/account/products/{non-existent_productId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8
```

```
{
  "itemNotFound" : {
    "guid" : "40caab58-6c0b-4056-97eb-2219afe92ec1",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

## 95.5 See also

- [Orders API](#)
- [Common Features](#)

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**96 Orders-orderId-account-products-productId-discounts:DELETE**

## 97 DELETE /orders/{orderId}/account/products/{productId}/discounts

Remove all discounts that were previously added at the Product level. This will not remove discounts that were added at the order or service level.

### 97.1 Contents

- 1 DELETE  
/orders/{orderId}/account/products/{productId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Missing authorization
    - ◇ 1.3.3 Insufficient privileges
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Product could not be found
  - ◆ 1.4 See also

### 97.2 Request

DELETE /orders/{orderId}/account/products/{productId}/discounts

#### 97.2.1 Request Parameters

orderId - *string*

The unique order Id. The URI of the order is returned by the **POST /orders** call.

productId - *string*

UUID specifying the product for which actions are to be performed

#### 97.2.2 URI Parameters

None.

#### 97.2.3 Request Headers

Cookie

A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 97.3 Response

#### 97.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The request was executed successfully.
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist. Product could not be found.
502 Bad Gateway	-	Unexpected backend response. Cannot delete custom product discounts.

### 97.4 Example

#### 97.4.1 Success

##### Request

```
DELETE /orders/{orderId}/account/products/{productId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

##### Response

204 No Content

#### 97.4.2 Missing authorization

##### Request

```
DELETE /orders/{orderId}/account/products/{productId}/discounts
Cookie: OwnerId={owner_id}; Path=
```

##### Response

```
401 Unauthorized
Content-Type : text/plain; charset=UTF-8
401 Unauthorized
```

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

### 97.4.3 Insufficient privileges

#### Request

```
DELETE /orders/{orderId}/account/products/{productId}/discounts
Authorization: Basic ZWdjUlBtZWZiWnJVQHNPdGVjb250cm9sX2hvc3R3YXlfdXNfbWFPbjpTdnVROGlWOUFTVTc0
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
403 Forbidden
Content-Type : application/json; charset=UTF-8

{
  "forbidden" : {
    "guid" : "a0c6a265-eea9-4187-b4eb-0b0b7b112810",
    "message" : "Unauthorized: DiscountsView failed permission check",
    "code" : 403,
    "details" : ""
  }
}
```

### 97.4.4 Order does not exist

#### Request

```
DELETE /orders/{non-existent_orderId}/account/products/{productId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound" : {
    "guid" : "8a56063d-b099-4688-b020-d31035529d45",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

### 97.4.5 Product could not be found

#### Request

```
DELETE /orders/{orderId}/account/products/{non-existent_productId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

#### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound" : {
    "guid" : "42f454f4-a534-46ea-888e-c05af56c1130",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

## 97.5 See also

- [Orders API](#)
- [Common Features](#)

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98 Orders-orderId-account-products-productId-services-serviceId-discounts:PUT

## 99 PUT

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts

Set discounts for the specified service. **Note: This will replace any existing discounts that were configured for the specified service.**

#### 99.1 Contents

- 1 PUT  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
    - ◇ 1.1.4 Request Body
      - 1.1.4.1 Parameters
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Invalid discount amount
    - ◇ 1.3.3 Invalid discount type
    - ◇ 1.3.4 Unsupported price type
    - ◇ 1.3.5 Invalid discount number of recurrences
    - ◇ 1.3.6 Missing price type
    - ◇ 1.3.7 Missing authorization
    - ◇ 1.3.8 Insufficient privileges
    - ◇ 1.3.9 Order does not exist
    - ◇ 1.3.10 Product not found
    - ◇ 1.3.11 Service not found
  - ◆ 1.4 See also

#### 99.2 Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts

##### 99.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product for which actions are to be performed

serviceId - *string*  
UUID specifying the service for which actions are to be performed

##### 99.2.2 URI Parameters

None.

##### 99.2.3 Request Headers

Content-Type  
Required. Set this header to `application/json; charset=UTF-8`

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

##### 99.2.4 Request Body

Body for adding an indefinite discount of 1 dollar for the recurring fee for the service:

```
{
  "discounts": [
    {
      "priceName": "recurring",
      "recurrences": -1,
      "type": "amount",
      "value": 1.00
    }
  ]
}
```

Body for adding a 1 dollar amount discount for the first cycle for a domain registration fee:

```
{
  "discounts": [
    {
      "priceName": "domain_registration_fee",
      "recurrences": 1,
      "type": "amount",
      "value": 1.00
    }
  ]
}
```

Body for adding a 10% discount for the first three monthly cycles for a service's recurring fee:

```
{
  "discounts": [
    {
      "priceName": "recurring",
      "recurrences": 3,
      "type": "percent",
      "value": 0.1
    }
  ]
}
```

#### 99.2.4.1 Parameters

discounts - *list*

A list of discounts. Each discount contains the following:

priceName - *string*

The type of price to which the discount will be applied.

Validation: Should match the fee types configured in the back-end (eg. 'recurring', 'domain\_registration\_fee', 'setup\_fee' etc.) and should be configured for the corresponding franchise.

recurrences - *integer*

The number of times that the discount will be applied. A value of "-1" means the discount will be applied every time the fee is charged.

Validation: Should be either a positive integer or -1.

Note: Value must be -1 if the priceName is "recurring".

type - *string*

Specifies the discount type which determines the method used to calculate the amount that is discounted. Possible values are:

**amount:** Discount will be treated as an exact amount

**percent:** Discount will be treated as a percentage

Validation: Should be set to either **amount** or **percent**.

value - *string*

The discount amount. The value will be interpreted based on the specified discount type.

Validation: Should be a positive number.

## 99.3 Response

### 99.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The discount was successfully set.
	POST data error	Required fields are missing. <b>Validation Error:</b>
400 Bad Request	{priceName} discount fee type is invalid {value} discount amount is invalid {type} discount type is unsupported {recurrences} discount period is invalid	Type of price is not recognized by the system. Discount amount should be a <b>positive</b> number. Type should be set to either <b>amount</b> or <b>percent</b> . Number of recurrences should be either a <b>positive</b> integer or -1. If price type is <b>recurring</b> , it should be -1.
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist. Product could not be found in this order. Service could not be found for this product.
502 Bad Gateway	-	Unexpected backend response. Cannot set custom discounts.

## 99.4 Example

### 99.4.1 Success

#### Request

```
PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts
Content-Type : application/json; charset=UTF-8
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=/
```

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

#### Response

204 No Content

### 99.4.2 Invalid discount amount

#### Request

```
PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts
Content-Type : application/json; charset=UTF-8
```



Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "-5.00"
  }]
}
```

## Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault": {
    "guid": "c3563e61-a297-4dbe-b072-24aace7b5e44",
    "message": "-5.00 discount amount is invalid",
    "code": 400,
    "details": ""
  }
}
```

### 99.4.3 Invalid discount type

#### Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "numbers",
    "value": "5.00"
  }]
}
```

## Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault": {
    "guid": "1a94f744-5b33-4d54-ab28-77b875934829",
    "message": "numbers discount type is unsupported",
    "code": 400,
    "details": ""
  }
}
```

### 99.4.4 Unsupported price type

#### Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring_yearly",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

## Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```
{
  "computeFault" : {
    "guid" : "43357b7a-0bba-4e40-b565-21422937b7df",
    "message" : "recurring_yearly discount fee type is invalid",
    "code" : 400,
    "details" : ""
  }
}
```

### 99.4.5 Invalid discount number of recurrences

#### Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
```

```

    "recurrences": "-10",
    "type": "amount",
    "value": "5.00"
  }]
}

```

## Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```

{
  "computeFault" : {
    "guid" : "bc360508-3392-4185-a07f-8f8cfff6884e",
    "message" : "-10 discount period is invalid",
    "code" : 400,
    "details" : ""
  }
}

```

## 99.4.6 Missing price type

### Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```

{
  "discounts": [{
    "recurrences": "-10",
    "type": "amount",
    "value": "5.00"
  }]
}

```

### Response

400 Bad Request  
Content-Type : application/json; charset=UTF-8

```

{
  "badRequest" : {
    "guid" : "5f2c19c5-ae18-4fee-b509-476b7ebe4b9c",
    "message" : "POST data error",
    "code" : 400,
    "details" : {
      "discounts.0.priceName" : "Required"
    }
  }
}

```

## 99.4.7 Missing authorization

### Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Cookie: OwnerId={owner\_id}; Path=

```

{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}

```

### Response

401 Unauthorized  
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

This server could not verify that you are authorized to access the document you requested. Either you supplied the wrong credentials (e.g., bad password), or your browser does not understand how to supply the credentials required.

## 99.4.8 Insufficient privileges

### Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic ZWdjUlBtZWZiWnJVQHNpdGVjb250cm9sX2hvc3R3YXlfdXNfbWFPbjpTdnVROGlWOUFTVTIcO  
Cookie: OwnerId={owner\_id}; Path=

```

{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}

```

### Response

403 Forbidden  
Content-Type : application/json; charset=UTF-8

```
{
  "forbidden": {
    "guid": "1912d9fa-5fbe-4e16-b0ba-00d50c9c1ec4",
    "message": "Unauthorized: DiscountsView failed permission check",
    "code": 403,
    "details": ""
  }
}
```

## 99.4.9 Order does not exist

### Request

PUT /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

404 Not Found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "cca219c5-3e2b-481d-8e7f-7083064872ff",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 99.4.10 Product not found

### Request

PUT /orders/{orderId}/account/products/{non-existent\_productId}/services/{serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

404 Not Found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "cca219c5-3e2b-481d-8e7f-7083064872ff",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 99.4.11 Service not found

### Request

PUT /orders/{orderId}/account/products/{productId}/services/{non-existent\_serviceId}/discounts  
Content-Type : application/json; charset=UTF-8  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=

```
{
  "discounts": [{
    "priceName": "recurring",
    "recurrences": "-1",
    "type": "amount",
    "value": "5.00"
  }]
}
```

### Response

404 Not Found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "cca219c5-3e2b-481d-8e7f-7083064872ff",
  }
}
```

```
    "message": "Resource not found",  
    "code": 404,  
    "details": ""  
  }  
}
```

## 99.5 See also

- [Orders API](#)
- [Common Features](#)

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# 101 GET

## /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts

Get discounts that were added at the Service level.

### 101.1 Contents

- 1 GET  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Missing authorization
    - ◇ 1.3.3 Insufficient privileges
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Product could not be found
    - ◇ 1.3.6 Service could not be found
  - ◆ 1.4 See also

### 101.2 Request

GET /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts

#### 101.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product for which actions are to be preformed

serviceId - *string*  
UUID specifying the service for which actions are to be performed

#### 101.2.2 URI Parameters

None.

#### 101.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

### 101.3 Response

#### 101.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The request was executed successfully.
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist. Product could not be found in this order. Service could not be found for this product.
502 Bad Gateway	-	Failed to retrieve service discount info.

#### 101.3.2 Response Body

```
{
  "discounts": [
    {
      "priceName": "recurring",
      "recurrences": -1,
      "type": "amount",
      "value": "1.00"
    }
  ],
  "links": [
    {
      "href": "https://api.hostway.com/orders/{orderId}/account/product/{productId}/services/{serviceId}/discounts",
      "rel": "self"
    }
  ]
}
```

discounts - *list*

priceName - *string*

recurrences - *integer*

type - *string*

value - *string*

links - *list*

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## 101.4.4 Order does not exist

### Request

```
GET /orders/{non-existent_orderId}/account/products/{productId}/services/{serviceId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound" : {
    "guid" : "4383366c-845c-4311-97ee-9dd7d7d0045b",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

## 101.4.5 Product could not be found

### Request

```
GET /orders/{orderId}/account/products/{non-existent_productId}/services/{serviceId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound" : {
    "guid" : "40caab58-6c0b-4056-97eb-2219afe92ec1",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

## 101.4.6 Service could not be found

### Request

```
GET /orders/{orderId}/account/products/{productId}/services/{non-existent_serviceId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

### Response

```
404 Not Found
Content-Type : application/json; charset=UTF-8

{
  "itemNotFound" : {
    "guid" : "fdbff03e-5992-4c64-a769-94cd61bbb927",
    "message" : "Resource not found",
    "code" : 404,
    "details" : ""
  }
}
```

## 101.5 See also

- [Orders API](#)
- [Common Features](#)

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**102 Orders-orderId-account-products-productId-services-serviceId-discounts:DELETE**

## 103 DELETE

### /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts

Remove all discounts that were previously added at the Service level. This will not remove discounts that were added at the order or product level.

#### 103.1 Contents

- 1 DELETE  
/orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
  - ◆ 1.3 Example
    - ◇ 1.3.1 Success
    - ◇ 1.3.2 Missing authorization
    - ◇ 1.3.3 Insufficient privileges
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Product could not be found
    - ◇ 1.3.6 Service could not be found
  - ◆ 1.4 See also

#### 103.2 Request

DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts

##### 103.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

productId - *string*  
UUID specifying the product for which actions are to be performed

serviceId - *string*  
UUID specifying the service for which actions are to be performed

##### 103.2.2 URI Parameters

None.

##### 103.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

#### 103.3 Response

##### 103.3.1 Status Code

Status Code	Error Message	Description
204 No Content	-	The request was executed successfully.
401 Unauthorized	-	The request was not properly authorized.
403 Forbidden	Unauthorized: DiscountsView failed permission check	The client does not have sufficient privileges.
404 Not Found	Resource not found	Order does not exist. Product could not be found in this order. Service could not be found for this product.
502 Bad Gateway	-	Custom discount could not be deleted.

#### 103.4 Example

##### 103.4.1 Success

###### Request

```
DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch
Cookie: OwnerId={owner_id}; Path=
```

###### Response

204 No Content

##### 103.4.2 Missing authorization

###### Request

```
DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts
```

Cookie: OwnerId={owner\_id}; Path=/

## Response

401 Unauthorized  
Content-Type : text/plain; charset=UTF-8  
  
401 Unauthorized

This server could not verify that you are authorized to access the document you requested.  
Either you supplied the wrong credentials (e.g., bad password),  
or your browser does not understand how to supply the credentials required.

### 103.4.3 Insufficient privileges

#### Request

DELETE /orders/{orderId}/account/products/{productId}/services/{serviceId}/discounts  
Authorization: Basic ZWdjUlBtZWZiWnJVQHNPdGVjb250cm9sX2hvc3R3YXlfdXNfbWZpbnR3VROGlWOuFTVtC0  
Cookie: OwnerId={owner\_id}; Path=/

#### Response

403 Forbidden  
Content-Type : application/json; charset=UTF-8  
  
{  
 "forbidden" : {  
 "guid" : "a0c6a265-eaa9-4187-b4eb-0b0b7b112810",  
 "message" : "Unauthorized: DiscountsView failed permission check",  
 "code" : 403,  
 "details" : ""  
 }  
}

### 103.4.4 Order does not exist

#### Request

DELETE /orders/{non-existent\_orderId}/account/products/{productId}/services/{serviceId}/discounts  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=/

#### Response

404 Not Found  
Content-Type : application/json; charset=UTF-8  
  
{  
 "itemNotFound" : {  
 "guid" : "8a56063d-b099-4688-b020-d31035529d45",  
 "message" : "Resource not found",  
 "code" : 404,  
 "details" : ""  
 }  
}

### 103.4.5 Product could not be found

#### Request

DELETE /orders/{orderId}/account/products/{non-existent\_productId}/services/{serviceId}/discounts  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=/

#### Response

404 Not Found  
Content-Type : application/json; charset=UTF-8  
  
{  
 "itemNotFound" : {  
 "guid" : "42f454f4-a534-46ea-888e-c05af56c1130",  
 "message" : "Resource not found",  
 "code" : 404,  
 "details" : ""  
 }  
}

### 103.4.6 Service could not be found

#### Request

DELETE /orders/{orderId}/account/products/{productId}/services/{non-existent\_serviceId}/discounts  
Authorization: Basic dGVzdC52cGxleEBjb3JwX2xkYXBfc2VydmljZV9jaGk6VHJAcXNQODch  
Cookie: OwnerId={owner\_id}; Path=/

#### Response

404 Not Found  
Content-Type : application/json; charset=UTF-8  
  
{  
 "itemNotFound" : {  
 "guid" : "42f454f4-a534-46ea-888e-c05af56c1130",  
 "message" : "Resource not found",  
 "code" : 404,  
 "details" : ""  
 }  
}

## 103.5 See also

- [Orders API](#)
- [Common Features](#)

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## 104 Orders-orderId-quote:GET

# 105 GET /orders/{orderId}/quote

Get quote for a given order.

## 105.1 Contents

- 1 GET /orders/{orderId}/quote
  - ◆ 1.1 Request
    - ◇ 1.1.1 Request Parameters
    - ◇ 1.1.2 URI Parameters
    - ◇ 1.1.3 Request Headers
  - ◆ 1.2 Response
    - ◇ 1.2.1 Status Code
    - ◇ 1.2.2 Response Body
      - 1.2.2.1 Parameters
  - ◆ 1.3 Example
    - ◇ 1.3.1 Get empty quote info
    - ◇ 1.3.2 No authorization
    - ◇ 1.3.3 Unauthorized user
    - ◇ 1.3.4 Order does not exist
    - ◇ 1.3.5 Get quote with child product
  - ◆ 1.4 See also

## 105.2 Request

GET /orders/{orderId}/quote

### 105.2.1 Request Parameters

orderId - *string*  
The unique order Id. The URI of the order is returned by the [POST /orders](#) call.

### 105.2.2 URI Parameters

None.

### 105.2.3 Request Headers

Cookie  
A cookie named **OwnerId** to identify the client (for most browser clients, the browser will do this automatically, depending on the browser configuration). The value of the cookie would come from the response to the create order request in the **Set-Cookie** response header.

## 105.3 Response

### 105.3.1 Status Code

Status Code	Error Message	Description
200 OK	-	The operation was successfully completed.
401 Unauthorized	-	No owner Id specified or the specified owner is not authorized to get quote for this order.
403 Forbidden	Unauthorized: Fees failed permission check	The user does not have sufficient privilege.
404 Not Found	Resource not found	The specified order does not exist.
502 Bad Gateway	-	Unexpected backend response. Cannot retrieve order quote.

## 105.3.2 Response Body

```
{
  "quote": {
    "Hash": "42fc1e100808efc62dadf8ad027d424dff30d6f1",
    "Currency": "USD",
    "Products": [
      {
        "Services": [],
        "PlanNumber": "00000139b5dd73be7f14d3f8000a88fa0fa65d70",
        "PromotionCode": "promo_1234",
        "PromotionName": "Seasonal Discount 25% off all dedicated servers for 3 months",
        "ChildProduct": [],
        "Fees": [
          {
            "ProrationAllowed": "0",
            "StartDate": "2012-09-11",
            "NumCharged": "0",
            "EndDate": "2012-09-11",
            "Description": "Setup fee ",
            "BaseAmount": "100.00",
            "UnitAmount": "100.00",
            "Prorated": "0",
            "MonthlyCycle": "1",
            "Currency": "USD",
            "Amount": "100.00",
            "NumCharges": "1",
            "ProratedUnitAmount": "100.00",
            "Type": "setup_fee",
            "Quantity": "1",
            "Deferred": "0"
          },
          {
            "ProrationAllowed": "1",
            "StartDate": "2012-09-11",
            "NumCharged": "0",
            "EndDate": "2012-10-10",
            "Description": "Recurring fee",
            "BaseAmount": "239.00",
            "UnitAmount": "239.00",
            "Prorated": "0",
            "MonthlyCycle": "1",
            "Currency": "USD",
            "Amount": "239.00",
            "NumCharges": "-1",
            "ProratedUnitAmount": "239.00",
            "Type": "recurring",
            "Quantity": "1",
            "Deferred": "1"
          }
        ]
      }
    ],
    "Total": "100.00",
    "SubTotal": "100.00",
    "OneTimeFeeAmount": "100.00",
    "TaxTotal": "0",
    "DeferredSubTotals": [
      {
        "PurchasedPlanNumber": "00000139b5dd73be7f14d3f8000a88fa0fa65d70",
        "Amount": "239.00"
      }
    ],
    "DeferredTaxes": [],
    "DeferredTotals": [
      {
        "PurchasedPlanNumber": "00000139b5dd73be7f14d3f8000a88fa0fa65d70",
        "Amount": "239.00"
      }
    ]
  },
  "links": [
    {
      "href": "https://api.hostway.com/orders/{orderId}/quote/",
      "rel": "self"
    }
  ]
}
```

### 105.3.2.1 Parameters

quote - *dictionary*

Quote's ordered items info

Hash - *string*

Hash string of this particular order.

Currency - *string*

The currency for this particular order. Must be a ISO-4217 currency code. ex. USD, CAD, etc.

Products - *list*

List of plan products

Services - *list*

List of product services

PlanNumber - *string*

Plan number identifier

PromotionCode - *string*

Promotion code, if any (applied at the time the product was added to the order)

PromotionName - *string*

(OPTIONAL)

Name or short description of the promotion that was applied, if any

ChildProduct - *list*  
List of products of the plan product

Fees - *list*  
List of product fees

ProrationAllowed - *integer*  
Number indicating whether fee proration is allowed

StartDate - *date*  
Start date of the fee

NumCharged - *integer*  
Number how many times this fee is charged

EndDate - *date*  
End date the fee is applied

Description - *string*  
Description info for this fee

BaseAmount - *decimal*  
Base amount for this fee

UnitAmount - *decimal*  
Unit amount for this fee

Prorated - *integer*  
Integer indicating whether this fee is prorated

MonthlyCycle - *integer*  
Billing cycle in months for this fee

Currency - *string*  
The currency for this particular fee. Must be a ISO-4217 currency code. ex. USD, CAD, etc.

Amount - *decimal*  
The actual fee amount

NumCharges - *integer*  
Number of charges for this fee

ProratedUnitAmount - *decimal*  
The prorated unit amount

Type - *string*  
The type of this fee

Quantity - *integer*  
The quantity for this fee

Deferred - *integer*  
Indicates whether the fee is deferred

Total - *decimal*  
Total sum for this quote. Does not include deferred charges.

SubTotal - *decimal*  
Subtotal sum for this quote. Does not include deferred charges.

OneTimeFeeAmount - *decimal*  
One time payable fee amount

TaxTotal - *decimal*  
Tax total value. Does not include taxes on deferred charges.

DeferredSubTotals - *list*  
A list of dictionaries, containing the sub of deferred subtotals for each PurchasedPlan in the order. If no deferred fees are found in the plan, it might not be present.

DeferredTaxes - *list*  
A list of dictionaries, containing the sub of deferred taxes for each PurchasedPlan in the order. If no deferred fees are found in the plan, it might not be present.

DeferredTotals - *list*  
A list of dictionaries, containing the sub of deferred totals (subtotal + tax) for each PurchasedPlan in the order. If no deferred fees are found in the plan, it might not be present.

links - *list*  
[Hypermedia](#) for this resource. Links to self.

## 105.4 Example

### 105.4.1 Get empty quote info

#### Request

```
GET /orders/{orderId}/quote
Cookie: OwnerId={owner_id}; Path=
```



## Response

200 OK  
Content-Type : application/json; charset=UTF-8

```
{
  "quote": {
    "PurchasedPlan": [],
    "Hash": "26d42ebf46c38b3eaabca48a0f588d90e8f542fc",
    "Currency": "USD",
    "Total": "0",
    "SubTotal": "0",
    "OneTimeFeeAmount": "0",
    "TaxTotal": "0"
  },
  "links": {
    "self": {
      "href": "https://api.hostway.com/orders/0000014854ec1d454e9cfd3d007f000000010001/quote/",
      "rel": "self"
    }
  }
}
```

## 105.4.2 No authorization

### Request

GET /orders/{orderId}/quote  
Cookie: OwnerId={wrong\_owner\_id}; Path=

### Response

401 Unauthorized  
Content-Type : text/plain; charset=UTF-8

401 Unauthorized

This server could not verify that you are authorized to access the document you requested.  
Either you supplied the wrong credentials (e.g., bad password),  
or your browser does not understand how to supply the credentials required.

## 105.4.3 Unauthorized user

### Request

GET /orders/{orderId}/quote  
Authorization: Basic {wrong\_user\_authorization}; Path=

### Response

403 Forbidden  
Content-Type : application/json; charset=UTF-8

```
{
  "forbidden": {
    "guid": "ea88f675-dc71-410e-9e72-84f0944a289a",
    "message": "Unauthorized: Fees failed permission check",
    "code": 403,
    "details": ""
  }
}
```

## 105.4.4 Order does not exist

### Request

GET /orders/{non-existent\_orderId}/quote  
Cookie: OwnerId={owner\_id}; Path=

### Response

404 Not found  
Content-Type : application/json; charset=UTF-8

```
{
  "itemNotFound": {
    "guid": "92b7773f-e224-4971-a3dd-60fbd9c7129a",
    "message": "Resource not found",
    "code": 404,
    "details": ""
  }
}
```

## 105.4.5 Get quote with child product

### Request

GET /orders/{orderId}/quote  
Cookie: OwnerId={owner\_id}; Path=

### Response

200 OK  
Content-Type : application/json; charset=UTF-8

```
{
  "quote": {
```

```

"PurchasedPlan": [
  "Product": [
    "PromotionCode":null,
    "ChildProduct": [
      {
        "PromotionCode":null,
        "ChildProduct":[],
        "Name":"ChildProductName",
        "ProductNumber":null,
        "MonthlyCycle":1,
        "ConfigType":"ptc",
        "Fees": [
          {
            "Currency":"USD",
            "Amount":"0.00",
            "NumCharges":1,
            "ProratedUnitAmount":"0.00",
            "Type":"setup_fee",
            "Discounts":[],
            "Quantity":1
          },
          {
            "BaseAmount":"10.00",
            "UnitAmount":"10.00",
            "Prorated":"0",
            "MonthlyCycle":1
          }
        ]
      }
    ],
    "Name":"ParentProduct",
    "ProductNumber":null,
    "MonthlyCycle":1,
    "ConfigType":"parent.product",
    "Fees":[ ],
    "OrderNotes":[ ],
    "ProductGUID":"0000015100dcc330be07657a007f000000010001"
  ],
  "DisplayName":"",
  "Name":"plan_name",
  "ReferralKey":null,
  "MonthlyCycle":1,
  "PartnerId":"",
  "Plan":"test.plan",
  "Fees":[ ],
  "PlanNumber":"0000015100dcbf46c7576990007f000000010001",
  "PromotionCode":null
],
"Hash": "26d42ebf46c38b3eaabca48a0f588d90e8f542fc",
"Currency": "USD",
"DeferredSubTotals":[],
"DeferredTotals":[],
"Total": "0",
"SubTotal": "0",
"OneTimeFeeAmount": "0",
"DeferredTaxes":[],
"TaxTotal": "0"
},
"links": {
  "self": {
    "href": "https://api.hostway.com/orders/0000014854ec1d454e9cfd3d007f000000010001/quote/",
    "rel": "self"
  }
}
}
}

```

## 105.5 See also

- [Orders API](#)
- [Common Features](#)

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## 106 Common Features

All Hostway APIs support common features for authentication and authorization, pagination, references to related resources, etc.

- [Authentication](#)
- [Hypermedia](#)
- [Pagination](#)
- [Server Response Codes](#)
- [Filtering](#)

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## 107 Order-Products-Account

## 108 Set account on a later step when ordering products and services

This example provides the steps to set order's account on a later step.

### 108.1 Create a new order

Use **POST /orders** to create a new order

#### 108.1.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

#### 108.1.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001
Set-Cookie : OwnerId=d0977ed2-86e7-4101-adfe-2675ba0e26ac; Path=/

{
  "orderId": "000001452259ee0103d4e652007f000000010001",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001", "rel": "item" }
  ]
}
```

### 108.2 Add a product

Use **POST /orders/{order\_id}/account/products** to add a product

#### 108.2.1 Request

```
POST /orders/000001452259ee0103d4e652007f000000010001/account/products
Content-Type: application/json; charset=UTF-8

{
  "offering": "https://api.hostway.com/productSpecifications/core.plangroup.dedserver.plan4/offerings/USD-1"
}
```

#### 108.2.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001/account/products/00000145225a87f17bd8d66d007f000000010001/

{
  "url": "https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001/account/products/00000145225a87f17bd8d66d007f000000010001/"
}
```

### 108.3 Add a service to the product with no attributes

Use **POST /orders/{order\_id}/account/products/{productId}/services** to add a product's service

#### 108.3.1 Request

```
POST /orders/000001452259ee0103d4e652007f000000010001/account/products/00000145225a87f17bd8d66d007f000000010001/services
Content-Type: application/json; charset=UTF-8

{
  "name": "test123.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedserver",
  "billingCycle": 1
}
```

#### 108.3.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/000001452292557b24c2acc0007f000000010001/account/products/0000014522925d3222f0ce5b007f000000010001/

{
  "url": "https://api.hostway.com/orders/000001452292557b24c2acc0007f000000010001/account/products/0000014522925d3222f0ce5b007f000000010001/se"
}
```

### 108.4 Create a new account for the order

Use **PUT /orders/{order\_id}/account** to add a new account to the order

#### 108.4.1 Request

```
PUT /orders/000001452292557b24c2acc0007f000000010001/account
Content-Type: application/json; charset=UTF-8
```

```
{
  "currency": "USD",
  "language": "en-US"
}
```

## 108.4.2 Response

204 No Content

## 108.5 Set an existing account for the order

Use [PUT /orders/{order\\_id}/account](#) to assign an existing account to the order

### 108.5.1 Request

```
PUT /orders/000001452292557b24c2acc0007f000000010001/account
Content-Type: application/json; charset=UTF-8
```

```
{
  "accountNumber": "test793347"
}
```

### 108.5.2 Response

204 No Content

## 108.6 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order and to invoke the ordered product provisioning.

### 108.6.1 Request

```
POST /orders/000001452292557b24c2acc0007f000000010001/action
Content-Type: application/json; charset=UTF-8
```

```
{
  "action": "submit"
}
```

### 108.6.2 Response

202 Accepted

#### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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## 109 Order-Products-Account-Modify

## 110 Set and modify an account on a later step when ordering products and services

This example provides the steps to set order's account on a later step and modify it afterward.

### 110.1 Create a new order

Use [POST /orders](#) to create a new order

#### 110.1.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

#### 110.1.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001
Set-Cookie : OwnerId=d0977ed2-86e7-4101-adfe-2675ba0e26ac; Path=/

{
  "orderId": "000001452259ee0103d4e652007f000000010001",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001", "rel": "item" }
  ]
}
```

### 110.2 Add a product

Use [POST /orders/{order\\_id}/account/products](#) to add a product

#### 110.2.1 Request

```
POST /orders/000001452259ee0103d4e652007f000000010001/account/products
Content-Type: application/json; charset=UTF-8

{
  "offering": "https://api.hostway.com/productSpecifications/core.plangroup.dedserver.plan4/offerings/USD-1"
}
```

#### 110.2.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001/account/products/00000145225a87f17bd8d66d007f000000010001/

{
  "url": "https://api.hostway.com/orders/000001452259ee0103d4e652007f000000010001/account/products/00000145225a87f17bd8d66d007f000000010001/"
}
```

### 110.3 Add a service to the product with no attributes

Use [POST /orders/{order\\_id}/account/products/{productId}/services](#) to add a product's service

#### 110.3.1 Request

```
POST /orders/000001452259ee0103d4e652007f000000010001/account/products/00000145225a87f17bd8d66d007f000000010001/services
Content-Type: application/json; charset=UTF-8

{
  "name": "test123.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.dedserver",
  "billingCycle": 1
}
```

#### 110.3.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/000001452292557b24c2acc0007f000000010001/account/products/0000014522925d3222f0ce5b007f000000010001/

{
  "url": "https://api.hostway.com/orders/000001452292557b24c2acc0007f000000010001/account/products/0000014522925d3222f0ce5b007f000000010001/se"
}
```

### 110.4 Set an existing account for the order

Use [PUT /orders/{order\\_id}/account](#) to assign an existing account to the order



### 110.4.1 Request

```
PUT /orders/000001452292557b24c2acc0007f000000010001/account
Content-Type: application/json; charset=UTF-8
```

```
{
  "accountNumber": "test793347"
}
```

### 110.4.2 Response

204 No Content

## 110.5 Set some account attributes

Use [PUT /orders/{orderId}/account/attributes](#) to set the account attributes in an order.

### 110.5.1 Request

```
PUT /orders/0000014522fbfd383c2b1a33007f000000010001/account/attributes
Content-Type: application/json; charset=UTF-8
```

```
[
  {
    "name": "partner_account_id",
    "value": "paccid_030414051600"
  }
]
```

### 110.5.2 Response

204 No Content

## 110.6 Set modified regular contact

Use [PUT /orders/{orderId}/account/contactInfo/{contactType}](#) to set the account contact details for a given contact type in an order.

### 110.6.1 Request

```
PUT /orders/0000014522fbfd383c2b1a33007f000000010001/account/contactInfo/regular
Content-Type: application/json; charset=UTF-8
```

```
{
  "name":
    {
      "firstName": "Test-Regular",
      "lastName": "Contact",
      "company": "MyCompany"
    },
  "address":
    {
      "street1": "111 My Street",
      "street2": "street2",
      "city": "Chicago",
      "stateOrProvince": "IL",
      "postalCode": "60606",
      "countryCode": "US"
    },
  "contactMedia":
    {
      "phone1": "312-555-1111",
      "phone2": "312-555-222",
      "fax": "312-555-1111",
      "email1": "myemail@something.com",
      "email1Format": "html"
    }
}
```

## 110.7 Set account payment info

Use [PUT /orders/{orderId}/account/paymentInfo](#) to set the account's payment info.

### 110.7.1 Request

```
PUT /orders/0000014522fbfd383c2b1a33007f000000010001/account/paymentInfo
Content-Type: application/json; charset=UTF-8
```

```
{
  "paymentInfoType": "credit_card",
  "creditCardType": "visa",
  "accountNumber": "1234567890123456",
  "cardHolderName": "John Jello",
  "expirationDate": "2015-06",
  "verificationNumber": "503",
  "billingAddress":
    {
      "street1": "My street",
      "street2": "",
      "city": "Chicago",
      "stateOrProvince": "IL",
      "postalCode": "60606",
      "countryCode": "US"
    }
}
```

## 110.7.2 Response

204 No Content

## 110.7.3 Response

204 No Content

## 110.8 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order and to invoke the ordered product provisioning.

### 110.8.1 Request

```
POST /orders/000001452292557b24c2acc0007f000000010001/action
Content-Type: application/json; charset=UTF-8

{
  "action": "submit"
}
```

### 110.8.2 Response

202 Accepted

#### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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## 111 Order-Email-Domain

## 112 Order a new email domain

This example provides the steps to order a new email domain through the Hostway [Ordering API](#).

### 112.1 Create a new order

Use [POST /orders](#) to create a new order

#### 112.1.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

#### 112.1.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf
Set-Cookie : OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "orderId": "0000013ad6dd95746a399f90000a71384bf242cf",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf", "rel": "item" }
  ]
}
```

### 112.2 Create a new account for the order

Use [PUT /orders/{order\\_id}/account](#) to create an account or add an existing one to the order.

#### 112.2.1 Request

```
PUT /orders/0000013ad6dd95746a399f90000a71384bf242cf/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "currency": "USD",
  "language": "en-US"
}
```

#### 112.2.2 Response

```
204 No Content
```

### 112.3 Add the email domain product

The email domain product specification offerings can be determined using the Hostway [Product Catalog API](#). Then add a new email domain product to the order by using [POST /orders/{order\\_id}/account/products](#).

#### 112.3.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "offering": "https://api.hostway.com/productSpecifications/core.plan.email.business/offerings/USD-12"
}
```

#### 112.3.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf
```

### 112.4 Add the email service to the new product

The email service specification offerings can be determined using the Hostway [Product Catalog API](#) for the core.plan.email.business product. Then add a new email service to the order by using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#).

#### 112.4.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "name": "test-email-domain.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.email.mfg2",
  "billingCycle": 1
}
```

## 112.4.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf/
```

## 112.5 Add service attributes

Use the [PUT /orders/{order\\_id}/account/products/{product\\_id}/services/{service\\_id}/attributes](#) call to add the domain name for the email service.

### 112.5.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf/services/0000013fe6dd95726c399e90000a71384bf242cf/attributes
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "domain": "test-email-domain.com"
}
```

### 112.5.2 Response

```
204 No content
```

## 112.6 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order and invoke the email domain provisioning.

### 112.6.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/action
Content-Type: application/json; charset=UTF-8

{
  "action": "submit"
}
```

### 112.6.2 Response

```
202 Accepted
```

#### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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## 113 Order-Domain-Alias

## 114 Order a new email domain alias

This example provides the steps to order a new email domain through the Hostway [Ordering API](#).

### 114.1 Create a new order

Use [POST /orders](#) to create a new order

#### 114.1.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

#### 114.1.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001
Set-Cookie : OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "orderId": "00000143d407b34742ee26ae007f000000010001",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001", "rel": "item" }
  ]
}
```

### 114.2 Create a new account for the order

Use [PUT /orders/{order\\_id}/account](#) to create an account or add an existing one to the order.

#### 114.2.1 Request

```
PUT /orders/00000143d407b34742ee26ae007f000000010001/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "currency": "USD",
  "language": "en-US"
}
```

#### 114.2.2 Response

```
204 No Content
```

### 114.3 Add an email domain product

The email domain product specification offerings can be determined using the Hostway [Product Catalog API](#). Then add a new email domain product to the order by using [POST /orders/{order\\_id}/account/products](#).

#### 114.3.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "offering": "https://api.hostway.com/productSpecifications/core.plan.email.business/offerings/USD-12"
}
```

#### 114.3.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001
```

### 114.4 Add an email service to the new product

The email service specification offerings can be determined using the Hostway [Product Catalog API](#) for the core.plan.email.business product. Then add a new email service to the order by using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#).

#### 114.4.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "name": "test-email-domain.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.email.mfg2",
  "billingCycle": 1
}
```

## 114.4.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 114.5 Add service attributes

Use the [PUT /orders/{order\\_id}/account/products/{product\\_id}/services/{service\\_id}/attributes](#) call to add the domain name for the email service.

### 114.5.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services/00000143d407bea7e2b8
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "domain": "test-email-domain.com"
}
```

### 114.5.2 Response

```
204 No content
```

## 114.6 Add an email domain alias service to the new product

The email service specification offerings can be determined using the Hostway [Product Catalog API](#) for the core.plan.email.business product. Then add a new email service to the order by using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the email domain product URL.

### 114.6.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "name": "test-email-domain-alias.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.email.domainalias.mfg2",
  "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"],
  "billingCycle": 1
}
```

### 114.6.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 114.7 Add the domain alias service attributes

Use the [PUT /orders/{order\\_id}/account/products/{product\\_id}/services/{service\\_id}/attributes](#) call to add the domain alias name for the email service.

### 114.7.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services/00000143d407bea7e2b8
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "domain": "test-email-domain.com",
  "domain_alias": "test-email-domain-alias.com"
}
```

### 114.7.2 Response

```
204 No content
```

## 114.8 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order and invoke the email domain provisioning.

### 114.8.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/action
Content-Type: application/json; charset=UTF-8

{
  "action": "submit"
}
```



## 114.8.2 Response

202 Accepted

### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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# 115 Order-Exchange

## 115.1 Order a new Exchange domain

This example provides the steps for ordering a new Exchange domain

## 115.2 Create a new order

Use [POST /orders](#) to create a new order

### 115.2.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

### 115.2.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001
Set-Cookie : OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "orderId": "00000143d407b34742ee26ae007f000000010001",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001", "rel": "item" }
  ]
}
```

## 115.3 Create a new account for the order

Use [PUT /orders/{order\\_id}/account](#) to create an account or add an existing one to the order.

### 115.3.1 Request

```
PUT /orders/00000143d407b34742ee26ae007f000000010001/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "currency": "USD",
  "language": "en-US"
}
```

### 115.3.2 Response

```
204 No Content
```

## 115.4 Add an Exchange product to the order

The Exchange product specification offerings can be determined using the Hostway [Product Catalog API](#). Then add a new websplanet product to the order by using [POST /orders/{order\\_id}/account/products](#).

### 115.4.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "offering": "https://api.hostway.com/productSpecifications/core.plan.email.exchange2010/offerings/USD-1"
}
```

### 115.4.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001
```

## 115.5 Add an Exchange service to the new product

### 115.5.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{"name": "myexchangedomain.com",
 "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.email.exchange2010",
 "billingCycle": 1,
 "attributes": {
```

```
    "domain": "myexchangedomain.com"
  }
}
```

## 115.5.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 115.6 Obtain a quote

### 115.6.1 Request

```
GET /orders/00000143d407b34742ee26ae007f000000010001/quote
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
```

### 115.6.2 Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "quote" : {
    "Hash" : "b6a714a2ba76b6f15df9e46964df21ca726594a0",
    "Currency" : "USD",
    "Total" : "0.00",
    "SubTotal" : "0.00",
    "OneTimeFeeAmount" : "0",
    "TaxTotal" : "0"
  },
  "links" : {
    "self" : {
      "href" : "http://coreapi01.ote.chicago.hostway:8092/orders/00000143d407b34742ee26ae007f000000010001/quote/",
      "rel" : "self"
    }
  }
}
```

## 115.7 Submit the order

### 115.7.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/action
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{"action": "submit"}
```

### 115.7.2 Response

```
202 Accepted
no-body
```

## 115.8 Check for status

### 115.8.1 Request

```
GET /orders/00000143d407b34742ee26ae007f000000010001
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
Authorization: Basic cXd1QHhBcnRuZXJfYXBpX2RldmVsb3B1cl91c19tYWluOml1MzR0OGhm      <- credentials that have access to the account
```

### 115.8.2 Response

```
200 OK
{
  "order" : {
    "Status" : "Processing",
    "Account" : "http://coreapi01.ote.chicago.hostway:8092/accounts/acct999999"      <- "Completed" means that everything has p
  },
  "links" : [ {
    "href" : "http://coreapi01.ote.chicago.hostway:8092/orders/00000143d407b34742ee26ae007f000000010001/",
    "rel" : "self"
  } ]
}
```

### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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# 116 Order-Exchange-mailbox-free

## 116.1 Order a new, free Exchange mailbox

This example provides the steps for ordering a new Exchange mailbox in the case where it's offered without charge

## 116.2 Create the mailbox

### 116.2.1 Request

```
POST /accounts/acct999999/exchange/myexchangedomain.com/mailboxes
Content-Type: application/json; charset=UTF-8
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c19tYWluOml1MzR0OGhm
```

```
{
  "owner": {
    "username": "a.a",
    "password": "tester1234"
  },
  "admin": 0,
  "notes": "some text",
  "recipientLimit": 10,
  "deliverRedirect": "zsds",
  "forwardTo": "asdasd",
  "name": {
    "name": "John Smith",
    "company": "My Company",
    "department": "Sales",
    "title": "President"
  },
  "address": {
    "address": "100 Main St.",
    "city": "Chicago",
    "state": "IL",
    "zip": "60001",
    "country": "US"
  },
  "phones": {
    "businessPhone": "555-555-5501",
    "homePhone": "555-555-5502",
    "fax": "555-555-5503",
    "mobile": "555-555-5504"
  }
}
```

### 116.2.2 Response

```
202 Accepted
Location      http://coreapi01.ote.chicago.hostway:8092/orders/00000145ff9ba7e58e7c2c51007f000000010001
Set-Cookie   OwnerId=f9cafb10-2e85-4b1a-bd69-1b1a91437d50; Path=/
no-body
```

*Note:* order has already been submitted at this point!

## 116.3 Check for status

### 116.3.1 Request

```
GET /orders/00000145ff9ba7e58e7c2c51007f000000010001
Cookie: OwnerId=f9cafb10-2e85-4b1a-bd69-1b1a91437d50; Path=/
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c19tYWluOml1MzR0OGhm
```

### 116.3.2 Response

```
200 OK
{
  "order": {
    "Status": "Processing",
    "Account": "http://coreapi01.ote.chicago.hostway:8092/accounts/acct999999"
  },
  "links": [ {
    "href": "http://coreapi01.ote.chicago.hostway:8092/orders/00000145ff9ba7e58e7c2c51007f000000010001/",
    "rel": "self"
  } ]
}
```

<- "Completed" means that everything provisioned

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# 117 Order-Exchange-mailbox-paid

## 117.1 Order a new, paid Exchange mailbox

This example provides the steps for ordering a new Exchange mailbox in the case where a charge applies

## 117.2 Create the mailbox

### 117.2.1 Request

```
POST /accounts/acct999999/exchange/myexchangedomain.com/mailboxes
Content-Type: application/json; charset=UTF-8
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c191c19tYWluOml1MzR0OGhm
```

```
{
  "owner": {
    "username": "a.a",
    "password": "tester1234"
  },
  "admin": 0,
  "notes": "some text",
  "recipientLimit": 10,
  "deliverRedirect": "zsds",
  "forwardTo": "asdasd",
  "name": {
    "name": "John Smith",
    "company": "My Company",
    "department": "Sales",
    "title": "President"
  },
  "address": {
    "address": "100 Main St.",
    "city": "Chicago",
    "state": "IL",
    "zip": "60001",
    "country": "US"
  },
  "phones": {
    "businessPhone": "555-555-5501",
    "homePhone": "555-555-5502",
    "fax": "555-555-5503",
    "mobile": "555-555-5504"
  }
}
```

### 117.2.2 Response

```
202 Accepted
Set-Cookie: OwnerId=bd048fa5-8714-462f-86f6-1feffd04023b; Path=/
{
  "total" : [ "5.18", "USD" ],
  "subtotal" : [ "5.18", "USD" ],
  "deferredTotal": [],
  "deferredSubtotal": [],
  "quotehash" : "0dd6b20d1ce3ae0e44882f3db11124d03f60ba53",
  "links" : [ {
    "href" : "http://coreapi01.ote.chicago.hostway:8092/accounts/acct999999/exchange/myexchangedomain.com/mailboxes/",
    "rel" : "self"
  }, {
    "href" : "http://coreapi01.ote.chicago.hostway:8092/orders/00000145ff82ec6bf27d6421007f000000010001/action",
    "rel" : "related"
  } ]
}
```

## 117.3 Submit the order

### 117.3.1 Request

```
POST /orders/00000145ff82ec6bf27d6421007f000000010001/action
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=bd048fa5-8714-462f-86f6-1feffd04023b; Path=/
{"action": "submit"}
</nowiki>
```

```
=== Response ===
<nowiki>
202 Accepted
no-body
```

## 117.4 Check for status

### 117.4.1 Request

```
GET /orders/00000145ff82ec6bf27d6421007f000000010001
Cookie: OwnerId=bd048fa5-8714-462f-86f6-1feffd04023b; Path=/
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c191c19tYWluOml1MzR0OGhm
```

## 117.4.2 Response

200 OK

```
{
  "order" : {
    "Status" : "Processing",
    "Account" : "http://coreapi01.ote.chicago.hostway:8092/accounts/acct999999"
  },
  "links" : [ {
    "href" : "http://coreapi01.ote.chicago.hostway:8092/orders/00000145ff82ec6bf27d6421007f000000010001/",
    "rel" : "self"
  } ]
}
```

<- "Completed" means that everything provisioned

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# 118 Order-Exchange-otherproduct

## 118.1 Ordering Other Exchange Products

This order flow applies to encryption, archiving, mailing list and blackberry products. The example illustrates ordering encryption.

## 118.2 Create Encryption for a domain

### 118.2.1 Request

```
PUT /accounts/acct999999/exchange/myexchangedomain.com/emailEncryption
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c191c19tYWluOml1MzR0OGhm
{
  "adminEmail": "someone@somewhere.com"
}
```

### 118.2.2 Response

```
202 Accepted
Set-Cookie: OwnerId=73adb746-2443-4cc8-879e-886348385b9a; Path=/
Location: http://coreapi01.ote.chicago.hostway:8092/orders/00000145ffa79d31de17529f007f000000010001
no-body
```

*Note:* specified order has not yet been submitted.

## 118.3 Obtain a quote

### 118.3.1 Request

```
GET /orders/00000145ffa79d31de17529f007f000000010001/quote
Cookie: OwnerId=73adb746-2443-4cc8-879e-886348385b9a; Path=/
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c191c19tYWluOml1MzR0OGhm
```

### 118.3.2 Response

```
200 OK
Content-Type: application/json; charset=UTF-8
{
  "quote" : {
    "Hash" : "b6a714a2ba76b6f15df9e46964df21ca726594a0",
    "Currency" : "USD",
    "Total" : "0.00",
    "SubTotal" : "0.00",
    "OneTimeFeeAmount" : "0",
    "TaxTotal" : "0",
    "DeferredSubTotals": [],
    "DeferredTaxes": [],
    "DeferredTotals": []
  },
  "links" : {
    "self" : {
      "href" : "http://coreapi01.ote.chicago.hostway:8092/orders/00000145ffa79d31de17529f007f000000010001/quote/",
      "rel" : "self"
    }
  }
}
```

## 118.4 Submit the order

### 118.4.1 Request

```
POST /orders/00000145ffa79d31de17529f007f000000010001/action
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=73adb746-2443-4cc8-879e-886348385b9a; Path=/
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c191c19tYWluOml1MzR0OGhm
{"action": "submit"}
</nowiki>
```

```
=== Response ===
<nowiki>
202 Accepted
no-body
```

## 118.5 Check for status

### 118.5.1 Request

```
GET /orders/00000145ffa79d31de17529f007f000000010001
Cookie: OwnerId=73adb746-2443-4cc8-879e-886348385b9a; Path=/
Authorization: Basic cXdlQHBhcnRuZXJfYXBpX2RldmVsb3B1c191c19tYWluOml1MzR0OGhm
```



## 118.5.2 Response

200 OK

```
{
  "order" : {
    "Status" : "Processing",
    "Account" : "http://coreapi01.ote.chicago.hostway:8092/accounts/acct999999"
  },
  "links" : [ {
    "href" : "http://coreapi01.ote.chicago.hostway:8092/orders/00000145ffa79d31de17529f007f000000010001/",
    "rel" : "self"
  } ]
}
```

<- "Completed" means that everything has p

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## 119 Order-cloud-drive

## 120 Order a new cloud drive

This example provides the steps to order cloud drive through the Hostway [Ordering API](#). == Create a new order == Use [POST /orders](#) to create a new order

### 120.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

#### 120.1.1 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf
Set-Cookie : OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "orderId": "0000013ad6dd95746a399f90000a71384bf242cf",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf", "rel": "item" }
  ]
}
```

## 120.2 Create a new account for the order

Use [PUT /orders/{order\\_id}/account](#) to create an account or add an existing one to the order.

### 120.2.1 Request

```
PUT /orders/0000013ad6dd95746a399f90000a71384bf242cf/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "currency": "USD",
  "language": "en-US"
}
```

### 120.2.2 Response

```
204 No Content
```

## 120.3 Add "Linux Web Start" product to the order

The product specification offerings can be determined using the Hostway [Product Catalog API](#). Then add the new product to the order by using [POST /orders/{order\\_id}/account/products](#).

### 120.3.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "offering": "https://api.hostway.com/productSpecifications/core.plan.linux.webstart/offerings/USD-12"
}
```

### 120.3.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf
```

## 120.4 Add the cloud drive service to the new product

The service specification offerings can be determined using the Hostway [Product Catalog API](#) for the core.plan.linux.webstart product. Then add the new cloud drive service to the order by using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#).

### 120.4.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "name": "test-domain.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.clouddrive.hs2.1gb",
  "billingCycle": 12,
  "attributes": { "displayName": "test-domain.com" }
}
```

## 120.4.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf/
```

## 120.5 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order and invoke the cloud drive provisioning.

### 120.5.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/action
Content-Type: application/json; charset=UTF-8

{
  "action": "submit"
}
```

### 120.5.2 Response

```
202 Accepted
```

#### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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## 121 Order-cloud-backup

## 122 Order a new cloud backup

This example provides the steps to order cloud backup through the Hostway [Ordering API](#). == Create a new order == Use [POST /orders](#) to create a new order

### 122.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

#### 122.1.1 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf
Set-Cookie : OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "orderId": "0000013ad6dd95746a399f90000a71384bf242cf",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf", "rel": "item" }
  ]
}
```

## 122.2 Create a new account for the order

Use [PUT /orders/{order\\_id}/account](#) to create an account or add an existing one to the order.

### 122.2.1 Request

```
PUT /orders/0000013ad6dd95746a399f90000a71384bf242cf/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "currency": "USD",
  "language": "en-US"
}
```

#### 122.2.2 Response

```
204 No Content
```

## 122.3 Add "Linux Web Start" product to the order

The product specification offerings can be determined using the Hostway [Product Catalog API](#). Then add the new product to the order by using [POST /orders/{order\\_id}/account/products](#).

### 122.3.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "offering": "https://api.hostway.com/productSpecifications/core.plan.linux.webstart/offerings/USD-12"
}
```

#### 122.3.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf
```

## 122.4 Add the cloud backup service to the new product

The service specification offerings can be determined using the Hostway [Product Catalog API](#) for the core.plan.linux.webstart product. Then add the new cloud backup service to the order by using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#).

### 122.4.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=b0d6352a-f66a-476d-8e1d-2f3f9dea5c49; Path=/

{
  "name": "test-domain.com",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.cloudbackup.hs2.2gb",
  "billingCycle": 12,
  "attributes": { "displayName": "test-domain.com" }
}
```

## 122.4.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/0000013ad6dd95746a399f90000a71384bf242cf/account/products/0000013fd6dd95726c399e90000a71384bf242cf/
```

## 122.5 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order and invoke the cloud backup provisioning.

### 122.5.1 Request

```
POST /orders/0000013ad6dd95746a399f90000a71384bf242cf/action
Content-Type: application/json; charset=UTF-8

{
  "action": "submit"
}
```

### 122.5.2 Response

```
202 Accepted
```

#### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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# 123 Order-webs-planet

## 123.1 Order a new WebsPlanet

This example provides the steps to order a new webs planet product through the Hostway Ordering API.

## 123.2 Create a new order

Use **POST /orders** to create a new order

### 123.2.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

### 123.2.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001
Set-Cookie : OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "orderId": "00000143d407b34742ee26ae007f000000010001",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001", "rel": "item" }
  ]
}
```

## 123.3 Create a new acout for the order

Use **PUT /orders/{order\_id}/account** to create an account or add an existing one to the order.

### 123.3.1 Request

```
PUT /orders/00000143d407b34742ee26ae007f000000010001/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "currency": "USD",
  "language": "en-US"
}
```

### 123.3.2 Response

```
204 No Content
```

## 123.4 Add a Websplanet product to the order

The websplanet product specification offerings can be determined using the Hostway **Product Catalog API**. Then add a new websplanet product to the order by using **POST /orders/{order\_id}/account/products**.

### 123.4.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "offering": "https://api.hostway.com/productSpecifications/core.plan.linux.webstart/offerings/USD-1"
}
```

### 123.4.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001
```

## 123.5 Add a Webhosting service to the new product

A Websplanet service needs to be related to either a Windows or a Linux webhosting service. To do that, the webhosting service needs to be created first.

### 123.5.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{"name": "Websplanet",
```



```
"serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.webhosting.linux.5GB",
"billingCycle": 1}
```

### 123.5.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 123.6 Add the Webhosting service attributes

```
PUT /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services/00000143d407b34742ed9
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
```

```
{"domain": "ng-test-fitness-websplanet-20140505-0505.us"}
```

## 123.7 Add a Websplanet service to the new product

Please note that WebsPlanet can be added only as a child service to the webhosting service. You have to specify webhosting service you want websplanet to be added to.

Assuming you have a webhosting service in your order, you can add websplanet using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the webhosting service's URL.

### 123.7.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{"name": "Websplanet",
 "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.websplanet.1",
 "billingCycle": 1,
 "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"]}
```

### 123.7.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 123.8 Add the WebsPlanet service attributes

```
PUT /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services/00000143d407bea7e2b84
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
```

```
{"domain": "ng-test-fitness-websplanet-20140505-0505.us",
 "email": "test@example.com"}
```

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# 124 Order-vps-virtuozzo

## 124.1 Order VPS Virtuozzo products and services

This example provides the steps to order a new VPS Virtuozzo product and services through the Hostway OrderAPI.

### 124.2 Create a new order

Use [POST /orders](#) to create a new order

#### 124.2.1 Request

```
POST /orders
Content-Type: application/json; charset=UTF-8

{}
```

#### 124.2.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001
Set-Cookie : OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "orderId": "00000143d407b34742ee26ae007f000000010001",
  "links": [
    { "href": "https://api.hostway.com/orders/", "rel": "self" },
    { "href": "https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001", "rel": "item" }
  ]
}
```

## 124.3 Create a new account or add an existing one to the order

Use [PUT /orders/{order\\_id}/account](#) to create an account or add an existing one to the order.

#### 124.3.1 Request for creating a new account

```
PUT /orders/00000143d407b34742ee26ae007f000000010001/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "currency": "USD",
  "language": "en-US"
}
```

#### 124.3.2 Request for adding an existing account

```
PUT /orders/00000143d407b34742ee26ae007f000000010001/account
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "accountNumber": "acct123456"
}
```

#### 124.3.3 Response

```
204 No Content
```

## 124.4 Add a VPS Virtuozzo product to the order

The VPS Virtuozzo product specification offerings can be determined using the Hostway [Product Catalog API](#). Then add a new VPS Virtuozzo product to the order by using [POST /orders/{order\\_id}/account/products](#).

#### 124.4.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/

{
  "offering": "https://api.hostway.com/productSpecifications/core.plan.vps.virtuozzo.ul01/offerings/USD-1"
}
```

#### 124.4.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001
```

## 124.5 Add a Virtuozzo Server service to the new product

Virtuozzo Server Windows/Linux service needs to be created first before any other VPS Virtuozzo services(IP, Memory, ControlPanel, Disk, Bandwidth, PowerPack) are added.

## 124.5.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{
  "name": "VPS Virtuozzo Test",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.vps.virtuozzo.server.u100",
  "billingCycle": 1
}
```

## 124.5.2 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 124.6 Add VPS Virtuozzo services to the new product

Please note that VPS Virtuozzo services(IP, Memory, ControlPanel, Disk, Bandwidth) can be added only as a child service to the Virtuozzo Server Windows/Linux service. You have to specify Virtuozzo Server Windows/Linux service you want your VPS Virtuozzo services(IP, Memory, ControlPanel, Disk, Bandwidth) to be added to.

### 124.6.1 Add VPS Virtuozzo Controlpanel service

Assuming you have already a Virtuozzo Server Windows/Linux service in your order, you can add Virtuozzo Controlpanel service using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the Virtuozzo Server Windows/Linux service's URL.

### 124.6.2 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{
  "name": "VPS Virtuozzo Test",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.vps.virtuozzo.controlpanel.plesk9-10domain",
  "billingCycle": 1,
  "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"]
}
```

### 124.6.3 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

### 124.6.4 Add VPS Virtuozzo Additional Memory service

Assuming you have already a Virtuozzo Server Windows/Linux service in your order, you can add VPS Virtuozzo Additional Memory service using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the Virtuozzo Server Windows/Linux service's URL.

### 124.6.5 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{
  "name": "VPS Virtuozzo Test",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.vps.virtuozzo.additional_memory.256mb",
  "billingCycle": 1,
  "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"]
}
```

### 124.6.6 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

### 124.6.7 Add VPS Virtuozzo Additional Disk Space service

Assuming you have already a Virtuozzo Server Windows/Linux service in your order, you can add VPS Virtuozzo Additional Disk Space service using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the Virtuozzo Server Windows/Linux service's URL.

### 124.6.8 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{
  "name": "VPS Virtuozzo Test",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.vps.virtuozzo.additional_disk.10gb",
  "billingCycle": 1,
  "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"]
}
```

## 124.6.9 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 124.6.10 Add VPS Virtuozzo Additional Bandwidth service

Assuming you have already a Virtuozzo Server Windows/Linux service in your order, you can add Virtuozzo Additional Bandwidth service using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the Virtuozzo Server Windows/Linux service's URL.

## 124.6.11 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{
  "name": "VPS Virtuozzo Test",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.vps.virtuozzo.additional_bandwidth.1000gb",
  "billingCycle": 1,
  "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"]
}
```

## 124.6.12 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 124.6.13 Add VPS Virtuozzo IP service

Assuming you have already a Virtuozzo Server Windows/Linux service in your order, you can add Virtuozzo IP service using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the Virtuozzo Server Windows/Linux service's URL.

## 124.6.14 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{
  "name": "VPS Virtuozzo Test",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.vps.virtuozzo.ip",
  "billingCycle": 1,
  "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"]
}
```

## 124.6.15 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 124.6.16 Add VPS Virtuozzo PowerPack service

Assuming you have already a Virtuozzo Server Windows/Linux service in your order, you can add VPS Virtuozzo PowerPack service using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#). The "relatedTo" attribute should contain the Virtuozzo Server Windows/Linux service's URL.

## 124.6.17 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/services
Content-Type: application/json; charset=UTF-8
Cookie: OwnerId=09185e9b-2ea0-4bef-950e-fc9f8b89861f; Path=/
{
  "name": "VPS Virtuozzo Test",
  "serviceSpecification": "https://api.hostway.com/serviceSpecifications/core.vps.virtuozzo.powerpack",
  "billingCycle": 1,
  "relatedTo": ["https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/"]
}
```

## 124.6.18 Response

```
201 Created
Content-Type: application/json; charset=UTF-8
Location : https://api.hostway.com/orders/00000143d407b34742ee26ae007f000000010001/account/products/00000143d407b725d9eb9a41007f000000010001/
```

## 124.7 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order and invoke the cloud drive provisioning.

## 124.7.1 Request

```
POST /orders/00000143d407b34742ee26ae007f000000010001/action
Content-Type: application/json; charset=UTF-8
{
  "action": "submit"
}
```

## 124.7.2 Response

202 Accepted

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## 125 Order-Domain

## 126 Order a new domain

This is a step by step example of ordering a domain through the Hostway [Ordering API](#).

### 126.1 Create a new order

Use [POST /orders](#) to create a new order

#### 126.1.1 Request

```
POST /orders
Content-Type: application/json

{}
```

#### 126.1.2 Response

```
201 Created

{
  "orderId":"00000149334635c2a163f194007f000000010001",
  "ownerId":"e497c8e7-8cf3-44ff-88d8-0c86521060da",
  "links":[
    {
      "href":"http://coreapi01.ote.chicago.hostway:8100/orders/",
      "rel":"self"
    },
    {
      "href":"http://coreapi01.ote.chicago.hostway:8100/orders/00000149334635c2a163f194007f000000010001",
      "rel":"item"
    }
  ]
}
```

### 126.2 Add product to the order

The domain registration product specification offerings can be determined using the Hostway [Product Catalog API](#). Add a new domain product to the order by using [POST /orders/{order\\_id}/account/products](#).

#### 126.2.1 Request

```
POST /orders/00000149334635c2a163f194007f000000010001/account/products
Content-Type: application/json

{ "offering": "http://coreapi01.ote.chicago.hostway:8100/productSpecifications/core.plan.dnr.only/offerings/USD-12" }
```

#### 126.2.2 Response

```
201 Created
Content-Type : application/json; charset=UTF-8
Connection : close
Location : http://coreapi01.ote.chicago.hostway:8100/orders/00000149334635c2a163f194007f000000010001/account/products/0000014933463b7219be46f0007f0000000010001

{
  "url":"http://coreapi01.ote.chicago.hostway:8100/orders/00000149334635c2a163f194007f000000010001/account/products/0000014933463b7219be46f0007f0000000010001",
  "productId":"0000014933463b7219be46f0007f0000000010001"
}
```

### 126.3 Add a service to the product

The domain registration service specification offerings can be determined using the Hostway [Product Catalog API](#) for the corresponding core.dnr.{tld} product. Then add a new email service to the order by using [POST /orders/{order\\_id}/account/products/{product\\_id}/services](#).

#### 126.3.1 Request

```
POST /orders/00000149334635c2a163f194007f000000010001/account/products/0000014933463b7219be46f0007f0000000010001/services
Content-Type: application/json

{
  "name":"ng-test-fitness-20141021-1014.us",
  "serviceSpecification":"http://coreapi01.ote.chicago.hostway:8100/serviceSpecifications/core.dnr.us",
  "billingCycle":12
}
```

#### 126.3.2 Response

```
201 Created
Content-Type : application/json; charset=UTF-8
Location : http://coreapi01.ote.chicago.hostway:8100/orders/00000149334635c2a163f194007f000000010001/account/products/0000014933463b7219be46f0007f0000000010001

{
  "url":"http://coreapi01.ote.chicago.hostway:8100/orders/00000149334635c2a163f194007f000000010001/account/products/0000014933463b7219be46f0007f0000000010001",
  "serviceId":"0000014933463eead40ac7ba007f0000000010001"
}
```

### 126.4 Add attributes to the service

Use the [PUT /orders/{order\\_id}/account/products/{product\\_id}/services/{service\\_id}/attributes](#) call to add the attributes for the domain service. Note that the example below is using "extraParams" attribute which is only required for some TLDs (.us in this case).

## 126.4.1 Request

PUT /orders/0000014933612cf9fb1c626a007f000000010001/account/products/0000014933613211db39d7c4007f0000000010001/services/0000014933613528f83d7  
Content-Type: application/json

```
{
  "domainName": "ng-test-fitness-20141021-1044.us",
  "operation": "register",
  "term": 1,
  "authInfo": "mysecret",
  "nameservers": [
    "ns1.test.com",
    "ns2.test.com"
  ],
  "extraParams": [
    {
      "name": "us_nexus",
      "value": "C11"
    },
    {
      "name": "us_purpose",
      "value": "P1"
    }
  ],
  "contactInfo": {
    "registrant": {
      "type": "registrant",
      "firstName": "John",
      "lastName": "Doe",
      "company": "ACME Inc.",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "john.doe@test.com",
      "phone1": "+1.312.456789098"
    },
    "administrative": {
      "type": "administrative",
      "firstName": "Jane",
      "lastName": "Smith",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "jane.smith@test.com",
      "phone1": "+1.312.456789111",
      "fax1": "+1.312.456789112"
    },
    "billing": {
      "type": "billing",
      "firstName": "James",
      "lastName": "Johnson",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "james.johnson@test.com",
      "phone1": "+1.312.456789111"
    },
    "technical": {
      "type": "technical",
      "firstName": "Paul",
      "lastName": "Stevenson",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "paul.stevenson@test.com",
      "phone1": "+1.312.456789111"
    }
  }
}
```

## 126.4.2 Response

204 No content

## 126.5 Create a new account for the order

Use [PUT /orders/{order\\_id}/account](#) to create an account or add an existing one to the order.

### 126.5.1 Request

PUT /orders/0000014933612cf9fb1c626a007f000000010001/account  
Content-Type: application/json

```
{ "currency": "USD", "language": "en-US" }
```

### 126.5.2 Response

204 No content



## 126.6 Add user info

### 126.6.1 Request

```
PUT /orders/0000014933612cf9fb1c626a007f000000010001/account/user
Content-Type: application/json
```

```
{ "userName": "quah@141021-104405.com", "password": "t0pSekr1t" }
```

### 126.6.2 Response

```
204 No content
```

## 126.7 Add billing contact

### 126.7.1 Request

```
PUT /orders/0000014933612cf9fb1c626a007f000000010001/account/contactInfo/billing
Content-Type: application/json
```

```
{
  "name":{
    "firstName":"Billing",
    "middleName":"X",
    "lastName":"Customer",
    "company":"Hostway"
  },
  "address":{
    "street1":"100 n riverside",
    "street2":"ste 800",
    "city":"Chicago",
    "stateOrProvince":"IL",
    "postalCode":"60606",
    "countryCode":"US"
  },
  "contactMedia":{
    "phone1":"312-555-2222",
    "phone2":"312-555-3333",
    "fax":"312-555-1111",
    "email1":"james.johnson@test.com",
    "email1Format":"html",
    "email2":"gah@wev.com",
    "email2Format":"text"
  }
}
```

### 126.7.2 Response

```
204 No Content
```

## 126.8 Add regular contact

### 126.8.1 Request

```
PUT /orders/0000014933612cf9fb1c626a007f000000010001/account/contactInfo/regular
Content-Type: application/json
```

```
{
  "name":{
    "firstName":"Billing",
    "middleName":"X",
    "lastName":"Customer",
    "company":"Hostway"
  },
  "address":{
    "street1":"100 n riverside",
    "street2":"ste 800",
    "city":"Chicago",
    "stateOrProvince":"IL",
    "postalCode":"60606",
    "countryCode":"US"
  },
  "contactMedia":{
    "phone1":"312-555-2222",
    "phone2":"312-555-3333",
    "fax":"312-555-1111",
    "email1":"james.johnson@test.com",
    "email1Format":"html",
    "email2":"gah@wev.com",
    "email2Format":"text"
  }
}
```

### 126.8.2 Response

```
204 No Content
```

## 126.9 Add payment info to the order

## 126.9.1 Request

PUT /orders/0000014933612cf9fb1c626a007f000000010001/account/paymentInfo  
Content-Type: application/json

```
{
  "paymentInfoType": "credit_card",
  "creditCardType": "visa",
  "accountNumber": "4111111111111111",
  "cardHolderName": "John Jello",
  "expirationDate": "2015-06",
  "verificationNumber": "521",
  "billingAddress": {
    "street1": "100 n riverside",
    "street2": "ste 800",
    "city": "Chicago",
    "stateOrProvince": "IL",
    "postalCode": "60606",
    "countryCode": "US"
  }
}
```

## 126.9.2 Response

204 No Content

## 126.10 Validate the order

### 126.10.1 Request

POST /orders/0000014933612cf9fb1c626a007f000000010001/action  
Content-Type: application/json

```
{ "action": "validate" }
```

### 126.10.2 Response

204 No Content

## 126.11 Get a quote

### 126.11.1 Request

GET /orders/0000014933612cf9fb1c626a007f000000010001/quote

### 126.11.2 Response

200 OK  
Content-Type : application/json; charset=UTF-8

```
{
  "quote": {
    "PurchasedPlan": [
      {
        "Product": [
          {
            "ChildProduct": [
              ],
            "Name": "ng-test-fitness-20141021-1044.us",
            "MonthlyCycle": 12,
            "ConfigType": "core.dnr.us",
            "Fees": [
              {
                "ProrationAllowed": "0",
                "StartDate": "2014-10-21",
                "NumCharged": "0",
                "EndDate": "2015-10-20",
                "Description": "Domain registration fee ng-test-fitness-20141021-1044.us",
                "Discounts": [
                  ],
                "BaseAmount": "7.95",
                "UnitAmount": "7.95",
                "Prorated": "0",
                "MonthlyCycle": "12",
                "Currency": "USD",
                "Amount": "7.95",
                "NumCharges": "1",
                "ProratedUnitAmount": "7.95",
                "Type": "domain_registration_fee",
                "Quantity": "1",
                "Deferred": "0"
              }
            ],
            "Data": {
              "Register": {
                "ContactList": {
                  "Contact": [
                    {
                      "@city": "Chicago",
                      "@province": "IL",
                      "@first_name": "Paul",
                      "@fax": "",
                      "@address1": "123 First Str.",
                      "@address2": "",

```

```

        "@phone":"+1.312.456789111",
        "@country_code":"US",
        "@last_name":"Stevenson",
        "@postal":"34567",
        "@type":"technical",
        "@email":"paul.stevenson@test.com",
        "@company":""
    },
    {
        "@city":"Chicago",
        "@province":"IL",
        "@first_name":"Jane",
        "@fax":"",
        "@address1":"123 First Str.",
        "@address2":"",
        "@phone":"+1.312.456789111",
        "@country_code":"US",
        "@last_name":"Smith",
        "@postal":"34567",
        "@type":"admin",
        "@email":"jane.smith@test.com",
        "@company":""
    },
    {
        "@city":"Chicago",
        "@province":"IL",
        "@first_name":"John",
        "@fax":"",
        "@address1":"123 First Str.",
        "@address2":"",
        "@phone":"+1.312.456789098",
        "@country_code":"US",
        "@last_name":"Doe",
        "@postal":"34567",
        "@type":"company",
        "@email":"john.doe@test.com",
        "@company":"ACME Inc."
    }
],
    "@term":"1",
    "@lock":"",
    "@domain_name":"ng-test-fitness-20141021-1044.us",
    "@agreed":"",
    "@nameservers":"ns1.test.com,ns2.test.com",
    "@authInfo":"mysecret",
    "@reason":"",
    "@legal_type":"",
    "@agreement_version":"",
    "@operation":"register",
    "ExtraParams":[
        {
            "Name":"us_nexus",
            "Value":"C11"
        },
        {
            "Name":"us_purpose",
            "Value":"P1"
        }
    ]
},
    "PromotionCode":null,
    "ProductGUID":"0000014933613528f83d7290007f000000010001"
}
],
    "DisplayName":"",
    "Name":"DNR Only Plan",
    "ReferralKey":null,
    "MonthlyCycle":12,
    "PartnerId":"",
    "Plan":"core.plan.dnr.only",
    "Fees":[
        {
            "ProrationAllowed":"0",
            "StartDate":"2014-10-21",
            "NumCharged":"0",
            "EndDate":"2015-10-20",
            "Description":"Recurring fee DNR Only Plan, ng-test-fitness-20141021-1044.us 10/21/2014 through 10/20/2015",
            "Discounts":[]
        },
        {
            "BaseAmount":"0.00",
            "UnitAmount":"0.00",
            "Prorated":"0",
            "MonthlyCycle":"12",
            "Currency":"USD",
            "Amount":"0.00",
            "NumCharges":"-1",
            "ProratedUnitAmount":"0.00",
            "Type":"recurring",
            "Quantity":"1",

```

```

        "Deferred": "0"
    }
},
"PlanNumber": "0000014933613211db39d7c4007f000000010001",
"PromotionCode": null,
"PurchasedPlanNumber": "acct258192-0000014933615c88d6149e83007f00000001000"
}
},
"Hash": "b2f4dba3062c44084d3339561781d3bbc7bb9f70",
"Currency": "USD",
"Total": "7.95",
"SubTotal": "7.95",
"OneTimeFeeAmount": "7.95",
"TaxTotal": "0",
"DeferredSubTotals": [],
"DeferredTaxes": [],
"DeferredTotals": []
},
"links": {
    "self": {
        "href": "http://coreapi01.ote.chicago.hostway:8100/orders/0000014933612cf9fb1c626a007f000000010001/quote/",
        "rel": "self"
    }
}
}
}

```

## 126.12 Submit the order

Use [POST /orders/{order\\_id}/action](#) to submit the order.

### 126.12.1 Request

```

POST /orders/0000014933612cf9fb1c626a007f000000010001/action
Content-Type: application/json

```

```

{
    "action": "submit",
    "quoteHash": "b2f4dba3062c44084d3339561781d3bbc7bb9f70"
}

```

### 126.12.2 Response

```

202 Accepted

```

#### See also

- [Product Catalog API](#)
- [Ordering API](#)
- [Common Features](#)

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## 127 Order-Domain-Shortcut

## 128 Order a new domain

This is an example of ordering a domain with the [Domain Order Shortcut](#). It is the same as the [Order Domain](#) process, using an existing account in the URL.

### 128.1 Create a new domain registration order

Use [PUT /accounts/{accountId}/domains/{domainName}](#) to create a new domain registration order for an existing account.

#### 128.1.1 Request

PUT /accounts/acct839326/domains/ng-test-Fitness-shortcut-20141022-1033.com  
Content-Type: application/json

```
{
  "domainName": "ng-test-Fitness-shortcut-20141022-1033.com",
  "operation": "register",
  "term": 1,
  "authInfo": "mysecret",
  "nameservers": [
    "ns1.test.com",
    "ns2.test.com"
  ],
  "contactInfo": {
    "registrant": {
      "type": "registrant",
      "firstName": "John",
      "lastName": "Doe",
      "company": "ACME Inc.",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "john.doe@test.com",
      "phone1": "+1.9494567890"
    },
    "administrative": {
      "type": "administrative",
      "firstName": "Jane",
      "lastName": "Smith",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "jane.smith@test.com",
      "phone1": "+1.9494567891",
      "fax1": "+1.9494567891"
    },
    "billing": {
      "type": "billing",
      "firstName": "James",
      "lastName": "Johnson",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "james.johnson@test.com",
      "phone1": "+1.9494567891"
    },
    "technical": {
      "type": "technical",
      "firstName": "Paul",
      "lastName": "Stevenson",
      "street1": "123 First Str.",
      "city": "Chicago",
      "zipOrPostal": "34567",
      "stateOrProvince": "IL",
      "countryCode": "US",
      "email1": "paul.stevenson@test.com",
      "phone1": "+1.9494567891"
    }
  }
}
```

#### 128.1.2 Response

202 Accepted  
Content-Type : application/json

```
{
  "orderId": "00000149387d9e73153111a9007f000000010001",
  "links": [
    {
      "href": "http://coreapi01.ote.chicago.hostway:8100/orders/00000149387d9e73153111a9007f000000010001",
      "rel": "self"
    }
  ]
}
```

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