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1 Dynamic DNS

2 Authentication

- HTTP Basic Auth with DDNS user and passwd

3 API list

3.1 PUT /ddns/clients/{client_key}

Create a client

3.1.1 Request body

```
{
  "offline": false
}
```

3.1.2 Response

- 201(+Location)
 - ◆ Locaiton: http://{api_server}/ddns/clients/{client_key}
- 401

3.2 GET /ddns/clients/{client_key}

Get a client

3.2.1 Request body

3.2.2 Response

- 200

```
{
  "offline": true
  "hosts": {
    "rel": "related",
    "href": "http://{api_server}/ddns/clients/{client_key}/hosts"
  }
}
```

- 404
- 403
- 401

3.3 PUT /ddns/clients/{client_key}

Update a client

3.3.1 Request body

```
{
  "offline": true
}
```

3.3.2 Response

- 200

```
{
  "offline": false,
  "hosts": {
    "href": "http://{api_server}/ddns/clients/{client_key}/hosts",
    "rel": "related"
  }
}
```

- 404
- 403
- 401

3.4 GET /ddns/clients/{client_key}/hosts

Get all hosts

3.4.1 Request body

3.4.2 Response

- 200

```
{
  "hosts": [
    {
      "hostname": "{hostname}"
      "ipAddress": "{ipaddr}"
      "links": [
        {
          "rel": "self",
          "href": "http://{api_server}/ddns/clients/{client_key}/hosts/{hostname}"
        }
      ]
    }
  ]
}
```

}

- 404
- 403
- 401

3.5 POST /ddns/clients/{client_key}/action

Do an action

3.5.1 Request body

```
{
  "{action_name}": "{action_value}"
}
```

3.5.1.1 Actions

- "updateIP" action
 - ◆ "default" value - update ALL hosts ipaddr at once

3.5.2 Response

- 204
- 404
- 403
- 401

3.6 PUT /ddns/clients/{client_key}/hosts/{hostname}

Attach a host (it's actually "connecting a host to client", the host should exist before)

3.6.1 Request body

3.6.2 Response

- 201(+Location)
 - ◆ Location: http://{api_server}/ddns/clients/{client_key}/hosts/{hostname}
- 404 - if host doesn't exist in DB
- 403
- 401

3.7 DELETE /ddns/clients/{client_key}/hosts/{hostname}

Detach a host

3.7.1 Request body

3.7.2 Response

- 204
- 404
- 403
- 401

3.8 DELETE /ddns/clients/{client_key}

Delete a client

3.8.1 Request body

3.8.2 Response

- 204
- 404
- 403
- 401