

■ Overview

Welcome to Cloude.ro API documentation.

With this documentation, you will be able to easily perform your actions on your Cloude.ro panel by authenticating to system with your user id and password. Different programming languages' examples are shared in "Api request code examples" section.

Endpoints which presents some information about generals (/v1/region/list, /v1/image/list, /v1/package/list and such) not need authentication. End points which need authentication, is stated below the definition of the endpoint in API Token status. The status information shown as "Required" or "Not Required".

■ Supported Request Methods

Method	Usage
GET	<p>To display servers, servers' snapshots, user information, bills and credit balance, it is necessary to use GET method on the relevant endpoints.</p> <p>GET methods are read-only and objects cannot be changed via GET Method. And all the responses are in JSON format. Endpoints may have extra parameters. Please check those parameters and definitions for related EndPoints.</p>
POST	<p>To create a new object such as server, snapshot, ssh-key all the requests must be sent via POST method. List of compulsory and optional parameters to create a new object using post method is shown in definition of the endpoint.</p> <p>To create a new object such as server, snapshot, ssh-key all the requests must be sent via POST method. List of compulsory and optional parameters to create a new object using post method is shown in definition of the endpoint.</p>

Method	Usage
PUT	<p>For update operations requests to endpoints must be sent via PUT method.</p>
DELETE	<p>To delete an object (server, snapshot, sshkey) request must be sent via DELETE method.</p> <p>When the requests made by this delete method are sent the object would be permanently deleted from your system so carefulness is expected.</p>

■ JSON Response Structure

All the responses whether successful or not are returned in json format due to the structure below. Successful requests are returned 200 as http status code. At the same time response parameter "status" will turn to "success". Some requests may take (create server, snapshot etc) time so those request response with related event_id.

Unsuccessful requests return with http status code between 4x range. In the response "status" parameter would be returned "error", "data" parameter would be returned "null". Detail error message would be returned in "message" parameter.

EXAMPLE OF A SUCCESSFUL REQUEST REPONSE

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

When an event_id is returned;

```
{
  "status": "success",
  "data": {"event_id":1578},
  "message": null
}
```

EXAMPLE OF A UNSUCCESSFUL REQUEST REPONSE

To use API of Cloude, you need to obtain a JWT token with your user id, and password.
System will return you token and refreshtoken values once you authenticated with the correct information.

Expiration times for "token" and "refrestoken" are 45 minutes and 1 day respectively.

Response Example:

```
{
  "status": "success",
  "data": {
    "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6Ijc5IiwiaWwiOiJ0ZWFTQGNsb3VkbW9zLmNvbSIsImZpcnN0bmFtZSI6IjVtdXQiLCJ0bmFtZSI6IktkthcmFjYW9cdTAxMWZsYW4iLCJpYXQiOiJlMTUwNjg5OTUsImV4cCI6MTUxNTA2OTYyNX0.1wo85F1bp8rTP1dlQoUsO-74P59fSJbW_JPTOipvEjU",
    "refreshtoken": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6Ijc5IiwiaWwiOiJ0ZWFTQGNsb3VkbW9zLmNvbSIsImZpcnN0bmFtZSI6IjVtdXQiLCJ0bmFtZSI6IktkthcmFjYW9cdTAxMWZsYW4iLCJpYXQiOiJlMTUwNjg5OTUsImV4cCI6MTUxNTA2OTYyNX0.1wo85F1bp8rTP1dlQoUsO-74P59fSJbW_JPTOipvEjU",
    "refresh": false
  },
  "message": null
}
```

HEADERS

Content-Type

application/x-www-form-urlencoded

BODY

username

{{test_user}}

password

{{test_pass}}

Example Request

```
Get a token

curl --location --request POST "https://api.cloude.ro/v1/user/login" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data "username={{test_user}}&password={{test_pass}}"
```

POST Refresh token

```
https://api.cloude.ro/v1/user/refreshtoken
```

Refresh Token is used to obtain a new Token.

Response would be same type as /v1/user/login. Refresh parameter turns true.

Response Example

```
{
  "status": "success",
  "data": {
    "token": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6Ijc5IiwiaWwiOiJ0ZWFTQGNsb3VkbW9zLmNvbSIsImZpcnN0bmFtZSI6IjVtdXQiLCJ0bmFtZSI6IktkthcmFjYW9cdTAxMWZsYW4iLCJpYXQiOiJlMTUwNjg5OTUsImV4cCI6MTUxNTA2OTYyNX0.1wo85F1bp8rTP1dlQoUsO-74P59fSJbW_JPTOipvEjU",
    "refreshtoken": "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6Ijc5IiwiaWwiOiJ0ZWFTQGNsb3VkbW9zLmNvbSIsImZpcnN0bmFtZSI6IjVtdXQiLCJ0bmFtZSI6IktkthcmFjYW9cdTAxMWZsYW4iLCJpYXQiOiJlMTUwNjg5OTUsImV4cCI6MTUxNTA2OTYyNX0.1wo85F1bp8rTP1dlQoUsO-74P59fSJbW_JPTOipvEjU",
    "refresh": true
  },
  "message": null
}
```

HEADERS

Content-Type

application/x-www-form-urlencoded


```
{
  "status": "success",
  "data": {
    "name": "Umut Karacaoğlan",
    "email": "team@cloud.ro",
    "balance": 6.25,
    "register_date": "2017-11-13T14:46:40Z",
    "last_login_date": "2018-01-08T14:39:39Z",
    "is_verified": false
  },
}
```

Server

Operations related server informations can be done with this endpoint header.

POST Create a server

```
https://api.cloud.ro/v1/server/create
```

API Token: Required

Used to create a new server.

REQUEST PARAMETERS

Name	Type	Description	Required
name	string	server's name	Required
region	string	Lokasyon slug value (Check: /v1/region/list)	Required
package	string	Package slug value (Check: /v1/package/list)	Required
image	string	Image slug value (Check: /v1/image/list)	Required

Name	Type	Description	Required
hostname	string	Hostname (optional)	-
ssh_key	string	SSH Key fingerprint value (Check: /v1/sshkey/list)	-
user_data	string (Base64)	User data	-

Response Example

```
{
  "status": "success",
  "data": {"event_id":1587},
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

name

ubuntu-16-04-x64

Server name

region

ist2

Region slug

package

eos2
Package slug

image

ubuntu-16-04-x64
Image slug

hostname

Optional

ssh_keys

Optional

user_data

Optional - Base64

Example Request

Create a server

```
curl --location --request POST "https://api.cloude.ro/v1/server/create" \
  --header "Authorization: Bearer {{authToken}}" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data "name=ubuntu-16-04-x64&region=ist2&package=eos2&image=ubuntu-16-04-x64&hostname=&ssh_keys=&user_data="
```

GET List all servers

<https://api.cloude.ro/v1/server/list>

API Token: Required

Returns a list of running servers. In other api endpoints "id" parameter must be used for id request.

RESPONSE PARAMETERS

Name	Type	Description
id	integer	Server's id
name	string	Server's name
cpu	integer	Number of CPUs
memory	integer (GB)	RAM volume
disk	integer (GB)	Disk volume
state	string	Server's status ("running", "stopped", "stopping") may get these values.
region	string	Location slug value (Check: /v1/region/list)
image	string	Image slug value (Check: /v1/image/list)
package	string	Package slug value (Check: /v1/package/list)
networks	array	-
v4	array	-

Name	Type	Description
ip	string	Server's ip address
netmask	string	Server's netmask
gateway	string	Server's gateway
v6	array	-
create_at	string (UTC)	Server's creation time
active_events	array	List of active running events

Response Example

```
{
  "status": "success",
  "data": [
    {
      "id": 1,
      "name": "ubuntu-16-04-x642",
      "cpu": 1,
      "memory": 1,
      "disk": "0",
      "state": "Stopped",
      "region": "ist2",
      "image": "ubuntu-16-04-x64",
      "package": "eos2",
      "networks": {
        "v4": {
          "ip": "172.17.32.68",
          "netmask": "255.255.255.192",
          "gateway": "172.17.32.65"
        },
        "v6": ""
      },
      "created_at": "2018-01-04T11:14:34Z",
      "active_events": []
    },
    {
      "id": 4,
      "name": "ubuntu-16-04-x64",
      "cpu": 1,
      "memory": 1,
      "disk": 40,
      "state": "Running",
      "region": "ist2",
      "image": "ubuntu-16-04-x64",
      "package": "eos2",
      "networks": {
        "v4": {
          "ip": "172.17.32.71",
          "netmask": "255.255.255.192",
          "gateway": "172.17.32.65"
        }
      }
    }
  ]
}
```

```
        "v6": ""
      },
      "created_at": "2018-01-09T10:22:13Z",
      "active_events": []
    }
  },
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

Example Request

/v1/server/list

```
curl --location --request GET "https://api.cloude.ro/v1/server/list" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data ""
```

Example Response

200 — OK

```
{
  "status": "success",
  "data": [
    {
      "id": 1515,
      "name": "ubuntu-16-04-x64",
      "cpu": 1,
      "memory": 1,
      "disk": 40,
      "bandwidth": 4,
    }
  ]
}
```

GET Get information a server

https://api.cloude.ro/v1/server/{{subscription_id}}

API Token: Required

Returns server values of a server with a specifically given id.

REQUEST PARAMETERS

Name	Type	Description
id	integer	Server's id. (must use the id comes from /v1/server/list)

RESPONSE PARAMETERS

Name	Type	Description
id	integer	Server's id
name	string	Server's name
cpu	integer	Number of CPUs
memory	integer (GB)	RAM volume

Name	Type	Description
disk	integer (GB)	Disk volume
state	string	Server's status ("Running", "Stopped", "Stopping") may get these values.
region	string	Location slug value (Check: /v1/region/list)
image	string	Image slug value (Check: /v1/image/list)
package	string	Package slug value (Check: /v1/package/list)
networks	array	-
v4	array	-
ip	string	Server's ip address
netmask	string	Server's netmask
gateway	string	Server's gateway
v6	array	-
create_at	string (UTC)	Server's creation time
active_events	array	List of active running events on server

Örnek Response

```
{
  "status": "success",
  "data": [
    {
      "id": 1,
      "name": "ubuntu-16-04-x64",
      "cpu": 1,
      "memory": 1,
      "disk": 40,
      "state": "Stopped",
      "region": "ist2",
      "image": "ubuntu-16-04-x64",
      "package": "eos2",
      "networks": {
        "v4": {
          "ip": "172.17.32.68",
          "netmask": "255.255.255.192",
          "gateway": "172.17.32.65"
        },
        "v6": ""
      },
      "created_at": "2018-01-04T11:14:34Z",
      "active_events": [1578]
    }
  ],
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

Example Request

```
/v1/server/{subscription_id}

curl --location --request GET "https://api.cloude.ro/v1/server/1515" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data ""
```

Example Response

```
200 — OK

{
  "status": "success",
  "data": [
    {
      "id": 1515,
      "name": "ubuntu-16-04-x64",
      "cpu": 1,
      "memory": 1,
      "disk": 40,
      "bandwidth": 4,
```

GET List snapshots for a server

```
https://api.cloude.ro/v1/server/{{subscription_id}}/snapshots
```

API Token: Required

Returns server values of a server with a specifically given id.

REQUEST PARAMETERS

Name	Type	Description
id	integer	Server's id (must use id parameter that comes from /v1/server/list)

RESPONSE PARAMETER

Name	Type	Description
id	integer	Server's id
name	string	Server's name
cpu	integer	Number of CPUs
memory	integer (GB)	RAM volume
disk	integer (GB)	Disk volume
state	string	Server's status ("Running", "Stopped", "Stopping") may get these values.
region	string	Location slug values (Check: /v1/region/list)
image	string	Image slug value (Check: /v1/image/list)
package	string	Package slug value (Check: /v1/package/list)
networks	array	-
v4	array	-
ip	string	Server's ip address
netmask	string	Server's netmask
gateway	string	Server's gateway
v6	array	-
create_at	string (UTC)	Server's creation time
active_events	array	List of active running events

Response Example

```
{
  "status": "success",
  "data": [
    {
      "id": 1,
      "name": "ubuntu-16-04-x64",
      "cpu": 1,
      "memory": 1,
      "disk": 40,
      "state": "Stopped",
      "region": "ist2",
      "image": "ubuntu-16-04-x64",
      "package": "eos2",
      "networks": {
        "v4": {
          "ip": "172.17.32.68",
          "netmask": "255.255.255.192",
          "gateway": "172.17.32.65"
        },
        "v6": ""
      },
      "created_at": "2018-01-04T11:14:34Z",
      "active_events": [1578]
    }
  ],
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

Example Request

```
/v1/server/{subscription_id}
```

```
curl --location --request GET "https://api.cloude.ro/v1/server/1515" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data ""
```

Example Response

200 — OK

```
{
  "status": "success",
  "data": [
    {
      "id": 1515,
      "name": "ubuntu-16-04-x64",
      "cpu": 1,
      "memory": 1,
      "disk": 40,
      "bandwidth": 4,

```

DEL Destroy a server

```
https://api.cloude.ro/v1/server/{subscription_id}/destroy
```

API Token: Required

Permanently deletes the server with a specifically given id.

For a successful result data parameter should return true as a response

Name	Type	Description	Required
id	integer	Server's id(id parameter comes from /v1/server/list must be used)	Required</td>

Response Example

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

Example Request

Destroy a server

```
curl --location --request DELETE "https://api.cloude.ro/v1/server/{{subscription_id}}/destroy" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data ""
```

Server Actions

POST Start a server

https://api.cloude.ro/v1/server/{{subscription_id}}/start

API Token: Required

Starts the server with a given id.

For a successful result, as a response data parameter should return true.

Name	Type	Description
id	integer	Server's id(id parameter comes from /v1/server/list must be used)

Response Example

```
{
  "status": "success",
  "data": {"event_id":1587},
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

1

Server id

Example Request

```

/V1/server/start

curl --location --request POST "https://api.cloude.ro/v1/server/start" \
  --header "Authorization: Bearer {{authToken}}" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data "id=1"

```

Example Response

```

200 — OK

{
  "status": "success",
  "data": true,
  "message": null
}

```

POST Stop a server

https://api.cloude.ro/v1/server/{{subscription_id}}/stop

API Token: Required

Stops the server with a given id.

For a successful result, as a response data parameter should return true.

Name	Type	Description	Required
id	integer	Server's id(id parameter comes from /V1/server/list must be used)	Required

Response Example

```

{
  "status": "success",
  "data": {"event_id":1587},
  "message": null
}

```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

Example Request

```
/v1/server/stop
```

```
curl --location --request POST "https://api.cloude.ro/v1/server/stop" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data "id=1"
```

Example Response

```
200 – OK
```

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

POST Reboot a server

```
https://api.cloude.ro/v1/server/{{subscription_id}}reboot
```

API Token: Required

Reboots the server with given id.

For a successful result, as a response data parameter should return true.

Name	Type	Description	Required
------	------	-------------	----------

Name	Type	Description	Required
id	integer	Server's id(id parameter comes from /v1/server/list must be used.)	Required

Response Example

```
{
  "status": "success",
  "data": {"event_id":1587},
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

1

Example Request

```
Success 200 ▾
```

```
curl --location --request POST "https://api.cloud.ro/v1/server/reboot" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data "id=1"
```

Example Response

200 — OK

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

POST Reset to password a server

```
https://api.cloud.ro/v1/server/{{subscription_id}}/change_password
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

subscription_id

1520

Example Request

Reset to password a server

```
curl --location --request POST "https://api.cloud.ro/v1/server/{{subscription_id}}/change_password" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data "subscription_id=1520"
```

POST Create from snapshot

```
https://api.cloud.ro/v1/server/{{subscription_id}}/create_from_snapshot
```

API Token: Required

Used to create a new server from an existing snapshot.

The given disk volume of the new server's package must be greater or equal to the volume of snapshot disk. If not, 400 which is http status value will return an error message as shown at the right one.

REQUEST PARAMETERS

Name	Type	Description	Required
name	string	Server's name	Required
package	string	Package slug value (Check: /v1/package/list)	Required
snapshot_id	integer	Snapshot id value (Check: /v1/snapshot/id)	Required
hostname	string	Hostname (optional)	-
ssh_key	string	SSH Key fingerprint value (Check: /v1/sshkey/list)	-

Name	Type	Description	Required
user_data	string (Base64)	User data	-

Response Example

```
{
  "status": "success",
  "data": {"event_id":1587},
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

name

snaptovm - api2
Server name

package

eos1
Package slug

snapshot_id

37
Snapshot id

hostname

Optional

ssh_keys

Optional

user_data

Optional - Base64

Example Request

```
/v1/server/create_from_snapshot
```

```
curl --location --request POST "https://api.cloude.ro/v1/server/create_from_snapshot" \
  --header "Authorization: Bearer {{authToken}}" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data "name=snaptovm%20-%20api2&package=eos1&snapshot_id=37&hostname=&ssh_keys=&user_data="
```

Example Response

```
400 — Postdata: Invalid
```



```
{
  "status": "error",
  "data": null,
  "message": "The selected package disk size must be greater than or equal to the snapshot disk size. ( 40/20 GB ).",
  "error": {
    "errorMessage": "The selected package disk size must be greater than or equal to the snapshot disk size. ( 40/20 GB ).",
    "errorDev": ""
  }
}
```

POST Restore from snapshot

```
https://api.cloude.ro/v1/server/{{subscription_id}}/restore_from_snapshot
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

subscription_id

1595

snapshot_id

1000

Example Request

Restore from snapshot

```
curl --location --request POST "https://api.cloude.ro/v1/server/{{subscription_id}}/restore_from_snapshot" \
--header "Authorization: Bearer {{authToken}}" \
--header "Content-Type: application/x-www-form-urlencoded" \
--data "snapshot_id=1000"
```

POST Refresh to install a server

```
https://api.cloude.ro/v1/server/{{subscription_id}}/refresh_install
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

image

Example Request

Refresh to install a server

```
curl --location --request POST "https://api.cloude.ro/v1/server/{{subscription_id}}/refresh_install" \  
  --header "Authorization: Bearer {{authToken}}" \  
  --header "Content-Type: application/x-www-form-urlencoded" \  
  --data "id=&image="
```

POST Upgrade a server

```
https://api.cloude.ro/v1/server/{{subscription_id}}/upgrade_package
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

package

type

Example Request

Upgrade a server

```
curl --location --request POST "https://api.cloude.ro/v1/server/{{subscription_id}}/upgrade_package" \  
  --header "Authorization: Bearer {{authToken}}" \  
  --header "Content-Type: application/x-www-form-urlencoded" \  
  --data "id=&package=&type="
```

Snapshot

Includes operations to take snapshots.

GET List all snapshots

```
https://api.cloude.ro/v1/snapshot/list
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

Example Request

```
List all snapshots

curl --location --request GET "https://api.cloude.ro/v1/snapshot/list" \
  --header "Authorization: Bearer {{authToken}}" \
  --data ""
```

POST Create a snapshot

```
https://api.cloude.ro/v1/snapshot/create
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

1

name

SnapTest03

Example Request

```
Create a snapshot

curl --location --request POST "https://api.cloude.ro/v1/snapshot/create" \
  --header "Authorization: Bearer {{authToken}}" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data "id=1&name=SnapTest03"
```

DEL Destroy a snapshot

```
https://api.cloude.ro/v1/snapshot/destroy
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

id

1072

Example Request

```
Destroy a snapshot
```

```
curl --location --request DELETE "https://api.cloude.ro/v1/snapshot/destroy" \  
  --header "Authorization: Bearer {{authToken}}" \  
  --data "id=1072"
```

SSH Key

Used to perform actions about SSHKey.

POST Create a SSH Key

```
https://api.cloude.ro/v1/sshkey/create
```

API Token: Required

Used to create a new SSH key.

Name	Type	Description
name	string	Name for SSH Key declaration
public_key	string	Public key value

Response Example

```
{  
  "status": "success",  
  "data": true,  
  "message": null  
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

name

Test SSHKey

public_key

ssh-rsa

AAAAAB3NzaC1yc2EAAAADAQABAAQAC06Jt7Pvc5GfUuHdwIZQo42ynRC1puBw9J9z3M3NTJ+1y/USxJcWRsaCPvzt/UCX9KURSlxQH8ltNbrizqTID951l6gldASc2m8xVEKjx0FOv978GxD8QP/ajy20C0dkuYNnRDU1QCYMA4wmCeL2sCdtkKWD1h3/bqW8oYCXpBt5t2oGkawvOKgUrZAIFSVBPrX6jsxDxTMxQ9gmp3Vqa42VauMhiweY55qVRJk9uQtPEsUERP8EQg2ad2o7Vc4qEDDIZH+5Uzp7/HN4wDhKXCuIMQBHD9CjfV99A4HzSpclPnAzu60yFoXiNOaO+NJRAdje7PW5D4+hVTBwaobR ayhan@ubuntu-desktop

Example Request

Create a SSH Key

```
curl --location --request POST "https://api.cloude.ro/v1/sshkey/create" \  
  --header "Authorization: Bearer {{authToken}}" \  
  --header "Content-Type: application/x-www-form-urlencoded" \  
  --data "name=Test%20SSHKey&public_key=ssh-rsa%20AAAAAB3NzaC1yc2EAAAADAQABAAQAC06Jt7Pvc5GfUuHdwIZQo42ynRC1puBw9J9z3M3NTJ+1y/USxJcWRsaCPvzt/UCX9KU
```

GET List all SSH Key

https://api.cloude.ro/v1/sshkey/list

API Token: Required

Lists all saved SSH Keys on the system.

Response Example

```
{
  "status": "success",
  "data": {
    "SSHTest": {
      "name": "SSHTest",
      "public_key": "ssh-rsa AAAAB3NzaC1yc2EAAAABJQAAAQEAjNDpbHYrC/lmboOnkeOPDzrdoLM0A44M+VpzZuc4I9778zlapZxJ5irdXwwH8E+Bq1VdvWZDTgEKKT5RBgw200zmKlgsrSLQpOb10qWW26EUpQu3gJgt/oJzMADoJuj5+F6b3v4/rwXs8EwRO5O3hT5+XuOWTsvRVQomLcOe7R2t3HT01eggyvswwAR7IEsynazCQr0FVM3UQ5dlk44Z+zjg9BMqPFMxFWHxFskiRMtQLEKEvJDLG8qDLc+mMV7P8kRAGeNnc7U5Zf4hC+o5ZUdCDqJMKQodkWiR57IB0oxu9PJz40zjlkApzABRQyhUVZnCVX78HgV8BKwmDjuFfw== rsa-key-20180621",
      "fingerprint": "d3:b7:6f:c7:c4:93:6e:35:5d:93:52:4a:3b:84:72:9d"
    }
  },
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

Example Request

List all SSH Key

```
curl --location --request GET "https://api.cloude.ro/v1/sshkey/list" \
  --header "Authorization: Bearer {{authToken}}" \
  --data ""
```

PUT Update a server

https://api.cloude.ro/v1/sshkey/update

API Token: Required

Updates the existing SSH Keys.

Name	Type	Description
name	string	Name for SSH Key declaration
fingerprint	string	Fingerprint value (Check: /v1/sshkey/list)

Response Example

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

fingerprint

c2:1b:fe:a4:90:4f:6a:4f:11:a4:07:26:78:3b:d6:ee

name

SSTest2

Example Request

```
Update a server

curl --location --request PUT "https://api.cloude.ro/v1/sshkey/update" \
  --header "Authorization: Bearer {{authToken}}" \
  --data "fingerprint=c2%3A1b%3Afe%3Aa4%3A90%3A4f%3A6a%3A4f%3A11%3Aa4%3A07%3A26%3A78%3A3b%3Ad6%3Aee&name=SSTest2"
```

DEL Destroy a server

https://api.cloude.ro/v1/sshkey/destroy

API Token: Required

Deletes SSH Key with the given fingerprint.

Name	Type	Description
fingerprint	string	Fingerprint value (Check: /v1/sshkey/list)

Response Example

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

fingerprint

c2:1b:fe:a4:90:4f:6a:4f:11:a4:07:26:78:3b:d6:ee

Example Request

```
Destroy a server

curl --location --request DELETE "https://api.cloude.ro/v1/sshkey/destroy" \
  --header "Authorization: Bearer {{authToken}}" \
  --data "fingerprint=c2%3A1b%3Afe%3Aa4%3A90%3A4f%3A6a%3A4f%3A11%3Aa4%3A07%3A26%3A78%3A3b%3Ad6%3Aee"
```

Tags

Used for Tag actions.

POST Create a tag

```
https://api.cloude.ro/v1/tags/create
```

API Token: Required

Used to add new tags to servers. Must send 2 required arrays for 2 parameters, by this method more tags for more servers are supported. The same existing values are skipped, different ones are saved.

Name	Type	Description
sub_ids	array	Subscription id(s)
tags	array	Tag value(s)

Response Examples

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

sub_ids[]

1515

sub_ids[]

1520

tags[]

asdadad-dasasdsad

tags[]

hhh

Example Request

```
/v1/tags/create
```

```
curl --location --request POST "https://api.cloude.ro/v1/tags/create" \
  --header "Authorization: Bearer {{authToken}}" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data "sub_ids%5B%5D=1515&sub_ids%5B%5D=1520&tags%5B%5D=web1&tags%5B%5D=ftp1"
```

Example Response

```
200 — OK
```

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

GET List all tags

<https://api.cloude.ro/v1/tags/list>

API Token: Required

Lists tags that are saved on your server.

Response Example

```
{
  "status": "success",
  "data": [
    {
      "count": 2,
      "tag": "web1",
      "created_at": null
    }
  ],
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

Example Request

List all tags

```
curl --location --request GET "https://api.cloude.ro/v1/tags/list" \
--header "Authorization: Bearer {{authToken}}" \
--data ""
```

PUT Update a tag

<https://api.cloude.ro/v1/tags/update>

API Token: Required

Updates the tag existing.

Name	Type	Description
name	string	SSH Key name
fingerprint	string	Fingerprint value (Bknz: /v1/sshkey/list)

Sample Response


```
{
  "status": "success",
  "data": true,
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

sub_id

79

tags

asdsa asd asd

Example Request

Update a tag

```
curl --location --request PUT "https://api.cloude.ro/v1/tags/update" \
  --header "Authorization: Bearer {{authToken}}" \
  --header "Content-Type: application/x-www-form-urlencoded" \
  --data "sub_id=79&tags=asdsa%20asd%20asd"
```

DEL Destroy a tag

<https://api.cloude.ro/v1/tags/destroy>

API Token: Required

Deletes the existing tag.

Name	Type	Description
fingerprint	string	Fingerprint value (Check: /v1/sshkey/list)

Sample Response

```
{
  "status": "success",
  "data": true,
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

BODY

tag

ftp1

Example Request

Destroy a tag

```
curl --location --request DELETE "https://api.cloud.ro/v1/tags/destroy" \
  --header "Authorization: Bearer {{authToken}}" \
  --data "tag=ftp1"
```

Images

Lists images that are ready to use.

GET List all images

```
https://api.cloud.ro/v1/image/list?type=all,application
```

API Token: Not Required

Returns active operating systems and one click applications. When requesting "image" as a parameter in the other API endpoints "slug" parameter must be used.

Name	Type	Description
type	string	Must get one of these values "application","template","all". (Default: all)

Response Example

```
{
  "status": "success",
  "data": [
    {
      "name": "Ubuntu 16.04.3",
      "slug": "ubuntu-16-04-x64",
      "type": "template",
      "distribution": "Ubuntu",
      "regions": [
        "ist2"
      ],
      "min_disk_size": null
    },
    {
      "name": "Wordpress",
      "slug": "wordpress",
      "type": "application",
      "distribution": "Ubuntu",
      "regions": [
        "ist2"
      ],
      "min_cpu": null,
      "min_ram": null,
      "min_disk_size": null
    }
  ],
  "message": null
}
```

PARAMS

type

all,application

Example Request

List all images

```
curl --location --request GET "https://api.cloude.ro/v1/image/list?type=all,application" \  
--data ""
```

GET /v1/image/list?type=application

```
https://api.cloude.ro/v1/image/list?type=application
```

PARAMS

type

application

Example Request

```
/v1/image/list?type=application
```

```
curl --location --request GET "https://api.cloude.ro/v1/image/list?type=application" \  
--data ""
```

Packages

Performs package and plan actions.

GET List all packages

```
https://api.cloude.ro/v1/package/list
```

Returns a list of active server packages. When requested a location as a parameter in the other API endpoints, "slug" parameter must be used.

API Token: Not Required

Response Example

```

{
  "status": "success",
  "data": [
    {
      "slug": "eos1",
      "cpu": 1,
      "ram": 1,
      "disk": 20,
      "bandwidth": 1,
      "hourly_price": "0.0074",
      "monthly_price": "5.0000",
      "regions": [
        "ist1",
        "izml",
        "ist2"
      ]
    },
    {
      "slug": "eos2",
      "cpu": 1,
      "ram": 1,
      "disk": 40,
      "bandwidth": 4,
      "hourly_price": "0.0150",
      "monthly_price": "10.0000",
      "regions": [
        "ist1",
        "izml",
        "ist2"
      ]
    },
    {
      "slug": "eos3",
      "cpu": 2,
      "ram": 2,
      "disk": 60,
      "bandwidth": 6,
      "hourly_price": "0.0300",
      "monthly_price": "20.0000",
      "regions": [
        "ist1",
        "izml",
        "ist2"
      ]
    }
  ]
  "message": null
}

```

Example Request

List all packages

```

curl --location --request GET "https://api.cloude.ro/v1/package/list" \
  --data ""

```

Regions

Includes information about server locations.

GET List all Regions

```

https://api.cloude.ro/v1/region/list

```

Returns a list of locations. When requested a location as a parameter in the other API endpoints, "slug" parameter must be used.

API Token: Not Required

Response Example

```
{
  "status": "success",
  "data": [
    {
      "slug": "ist1",
      "name": "Ist-01",
      "country": "TR",
      "status": false
    },
    {
      "slug": "ist2",
      "name": "Ist-02",
      "country": "TR",
      "status": true
    }
  ],
  "message": null
}
```

Example Request

List all Regions

```
curl --location --request GET "https://api.cloude.ro/v1/region/list" \
--data ""
```

Event

GET List all events

<https://api.cloude.ro/v1/event/list>

API Token: Required

Returns events with a specifically given id for the last 1 day.

RESPONSE PARAMETERS

Name	Type	Description
id	integer	Event's id
event	string	Event's type(stated below.)
cpu	integer	Number of CPUs
status	integer	Event status 0: process is running 1: Success -1: Error
subscription_id	integer	Subscription id related to server or snapshot
created_at	string	Event start time (UTC)
completed_at	string	Event end time(UTC)

EVENT TYPES

Event Type	Description
VM.CREATE	New server created
VM.DESTROY	Server deleted
VM.START	Server started

Event Type	Description
VM.STOP	Server stopped
VM.REBOOT	Server restarted
VM.UPDATE	-
VM.UPGRADE	Packages upgraded/downgraded
VM.RESTORE	

Response Example

```
{
  "status": "success",
  "data": [
    {
      "id": 375,
      "event": "VM.START",
      "status": 0,
      "subscription_id": 1511,
      "created_at": "2018-06-20T15:21:41Z",
      "completed_at": "2018-06-20T15:21:46Z"
    },
    {
      "id": 376,
      "event": "VM.STOP",
      "status": 0,
      "subscription_id": 1511,
      "created_at": "2018-06-20T15:25:00Z",
      "completed_at": ""
    }
  ],
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Example Request

List all events

```
curl --location --request GET "https://api.cloude.ro/v1/event/list" \
--header "Authorization: Bearer {{authToken}}" \
--data ""
```

GET Get information an event

https://api.cloude.ro/v1/event/{event_id}

API Token: Required

Returns value of events with a specifically given id.

REQUEST PARAMETERS

Name	Type	Description
id	integer	Event's id

RESPONSE PARAMETERS

Name	Type	Description
id	integer	Event's id
event	string	Event's type (Stated below.)

Name	Type	Description
cpu	integer	Number of CPUs
status	integer	Event status 0: Running process 1: Success -1: Error
disk	integer (GB)	Disk volume
state	string	Server's status ("Running", "Stopped", "Stopping") may get these values.
region	string	Location slug value (Check: /v1/region/list)
image	string	Image slug value (Check: /v1/image/list)
package	string	Package slug value (Check: /v1/package/list)
networks	array	-
v4	array	-
ip	string	Server's ip address
netmask	string	Server's netmask
gateway	string	Server's gateway
v6	array	-
create_at	string (UTC)	Time server created at
active_events	array	

Response Example

```
{
  "status": "success",
  "data": [
    {
      "id": 1,
      "name": "ubuntu-16-04-x64",
      "cpu": 1,
      "memory": 1,
      "disk": 40,
      "state": "Stopped",
      "region": "ist2",
      "image": "ubuntu-16-04-x64",
      "package": "eos2",
      "networks": {
        "v4": {
          "ip": "172.17.32.68",
          "netmask": "255.255.255.192",
          "gateway": "172.17.32.65"
        },
        "v6": ""
      },
      "created_at": "2018-01-04T11:14:34Z",
      "active_events": [1578]
    }
  ],
  "message": null
}
```

Response Example

```
{
  "status": "success",
  "data": {
    "id": 2536,
    "event": "VM.START",
    "status": 0,
    "subscription_id": 1511,
    "created_at": "2018-06-20T15:21:41Z",
    "completed_at": ""
  },
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Example Request

Get information an event

```
curl --location --request GET "https://api.cloude.ro/v1/event/%7Bevent_id%7D" \
  --header "Authorization: Bearer {{authToken}}" \
  --data ""
```

GET /v1/invoice/list

https://api.cloude.ro/v1/invoice/list

API Token: Required

Returns list of user's invoices

HEADERS

Authorization

Bearer {{authToken}}

Example Request

/v1/invoice/list

```
curl --location --request GET "https://api.cloude.ro/v1/invoice/list" \
  --header "Authorization: Bearer {{authToken}}" \
  --data ""
```

GET /v1/transaction/list

https://api.cloude.ro/v1/transaction/list

API Token: Required

Returns list of user's transactions

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

Example Request

```
/v1/transaction/list

curl --location --request GET "https://api.cloude.ro/v1/transaction/list" \
--header "Authorization: Bearer {{authToken}}" \
--data ""
```

GET /v1/usage/list

```
https://api.cloude.ro/v1/usage/list?id=1
```

API Token: Required

Returns id specified server's traffic informations with usage date

Response Example

```
{
  "status": "success",
  "data": {
    "incoming": [
      [
        125.0859375,
        1515678960
      ]
    ],
    "outgoing": [
      [
        6.796875,
        1515678960
      ]
    ]
  },
  "message": null
}
```

HEADERS

Authorization

Bearer {{authToken}}

Content-Type

application/x-www-form-urlencoded

PARAMS

id

1

Example Request

/v1/usage/list

```
curl --location --request GET "https://api.cloude.ro/v1/usage/list?id=1" \  
  --header "Authorization: Bearer {{authToken}}" \  
  --header "Content-Type: application/x-www-form-urlencoded" \  
  --data ""
```

Example Response

200 — OK

```
{  
  "status": "success",  
  "data": {  
    "incoming": [  
      [  
        125.0859375,  
        1515678960  
      ]  
    ],  
  },  
}
```