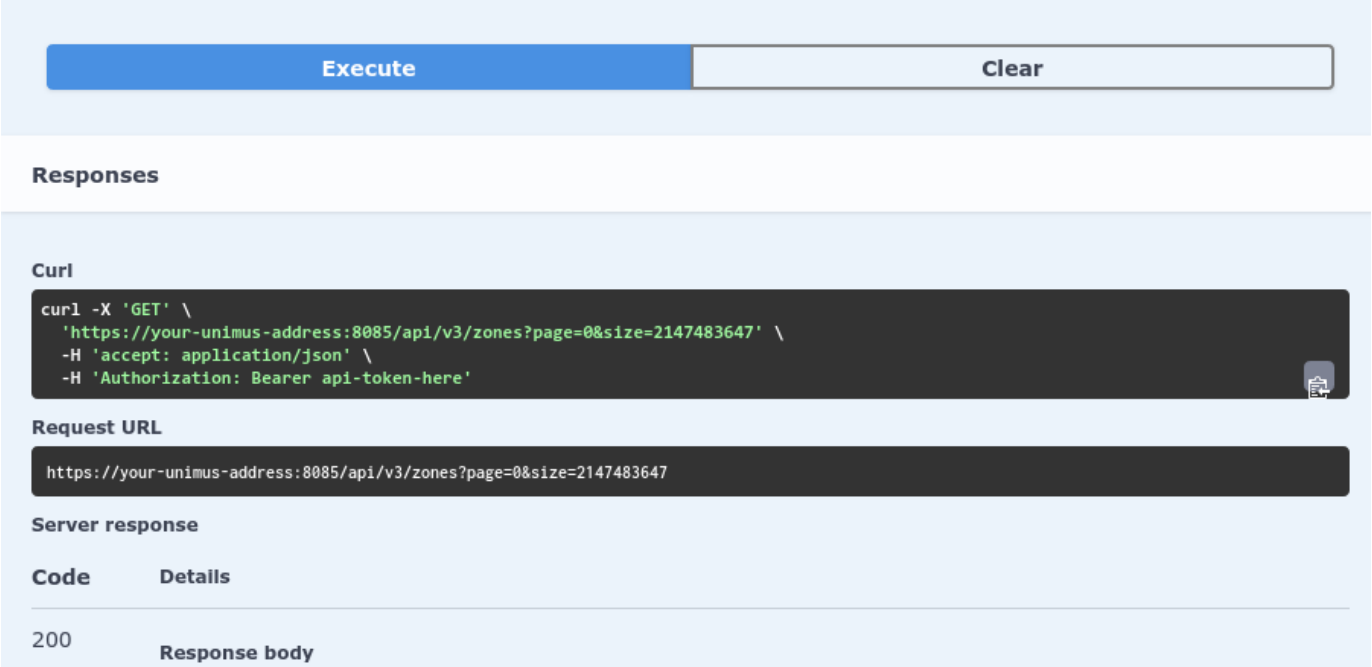
curl examples

APIv3

For APIv3, the Swagger documentation offers interactive **curl** examples:



Please use the Swagger docs to explore the APIv3:
https://download-unimus.netcore.software/api-v3-preview/

APIv2

For APIv2 **curl** examples, please see below.

Format of curl examples

The curl examples will use this format:

```
curl -sS \
-H 'Authorization: Bearer <token>' \
-d '<data>' \
'http://<unimus-address>:8085/api/v2/<API-path>' | json_pp
```

Explanation:
-sS : makes curl run silent - not show request processing, etc., but still properly show errors
-H : adds HTTP headers needed to communicate with Unimus API
-d : data needed for various requests - not always needed

We will then pass the output to **json_pp** which will format the JSON received from the Unimus API.

The above curl command is the same as if written on one line (without the use of **json_pp** here):

```
curl -sS -H 'Authorization: Bearer <token>' -d '<data>'
'http://<unimus-address>:8085/api/v2/<API-path>' | json_pp
```

You will need to substitute the values inside **<...>** for your actual values:

<token> : change this for your Unimus API token
<unimus-address> : change this for the actual address of your Unimus server
<API-path> : change this for the API path you wish to call

These curl examples are just examples.
We highly recommend checking the full API documentation for more information and options for each API call.

Examples

Get current status of your Unimus server

This API call will return the current status of Unimus.
Full API documentation#Healthcheck

curl call:

```
curl -sS \
-H 'Authorization: Bearer <token>' \
'http://<unimus-address>:8085/api/v2/health' | json_pp
```

Output:

```
{
   "data" : {
      "status" : "OK"
   }
}
```

We can see that everything is OK, no issues with the system.

Add a device into Unimus

This API call will create a device with address <address>.
Full API documentation#Devices-createnewdevice

We are not passing a device description, nor explicitelly setting a schedule (so the default one will be used).

curl call:

```
curl -sS \
-H 'Content-type: application/json' \
-H 'Authorization: Bearer <token>' \
-d '{"address":"<address>"}' \
'http://<unimus-address>:8085/api/v2/devices' | json_pp
```

Output:


```
{
   "vendor" : null,
   "port" : null,
   "connector" : null,
   "address" : "<address>",
   "description" : null,
   "model" : null,
   "type" : null,
   "createTime" : 1511974691,
   "credential" : null,
   "schedule" : {
      "createTime" : 1504105870,
      "hour" : 2,
      "dow" : 1,
      "id" : 2,
      "dom" : 1,
      "name" : "Every day at 02:00.",
      "min" : 0,
      "periodicity" : "DAILY"
   },
   "id" : 92
}
```


We can see the device was created with the default schedule, and is currently unknown.

Unimus will run a discovery on the device - since its a newly added device.

Find device id by device address

We need a valid deviceId to continue in the examples, so lets find the **id** of the device with address '1.1.1.1'.
Full API documentation#Devices-getdevicebyaddress

curl call:

```
curl -sS \
-H 'Authorization: Bearer <token>' \
'http://<unimus-address>:8085/api/v2/devices/findByAddress/1.1.1.1' |
json_pp
```

Please note you might need to get multiple pages to find your device if you have many devices in Unimus.

To do this, simply change set the page to 2, 3, etc.

Output:


```
{
   "data" : {
      "vendor" : "MikroTik",
      "connector" : "SSH",
      "address" : "198.18.0.1",
      "id" : 57,
      "schedule" : null,
      "model" : "Simulated-RouterOS",
      "credential" : null,
      "description" : null,
      "type" : "RouterOS",
      "createTime" : 1504195747,
      "port" : 22
   }
}
```


Here we see the **id** of our device is **57.**

Run a backup on a device

We want to run a backup on a device - we know its **id,** so we can call the API.
Full API documentation#Runjob-backupdevice

curl call:

```
curl -sS \
-H 'Authorization: Bearer <token>' \
-X PATCH \
'http://<unimus-address>:8085/api/v2/jobs/backup?id=57' | json_pp
```

Output:


```
{
   "data" : {
      "undiscovered" : 0,
      "refused" : 0,
      "accepted" : 1
   }
}
```


Unimus is now performing the backup on the selected device.

Retrieve latest backup of a device

We now want to retrieve the latest backup of our device.
Full API documentation#Backups-getdevicelatestbackup

curl call:

```
curl -sS \
-H 'Authorization: Bearer <token>' \
'http://<unimus-address>:8085/api/v2/devices/57/backups/latest' | json_pp
```

Output:


```
{
   "data" : {
      "type" : "TEXT",
      "id" : 348,
      "bytes" :
"IyBTaW11bGF0ZWQgTWlrcm9UaWsgUm91dGVyT1Mgc3lzdGVtCiMgc29mdHdhcmUgaWQgPSBub
25lCiMKL3NlY3Rpb24gYQpjb21tYW5kIGEKL3NlY3Rpb24gYmIKY29tbWFuZCBiYgovc2VjdGl
vbiBjY2MKY29tbWFuZCBjY2MK",
      "createTime" : 1511980661
   }
}
```


We receive the backup as a byte array (UTF-8 encoded).