

# CloudLinux REST API

---

## API URL

We released a beta version of our API v2. Currently it contains IP license management, feature management for Imunify Email and endpoints for interactions with Imunify(AV+/360) keys and servers.

Our API v2 can be found:

<https://cln.cloudlinux.com/cln/api/webjars/swagger-ui/index.html?urls.primaryName=CLN%20Partner%20API#/>

We would love to hear your thoughts on our new API. Please share your feedback with us at [cln-internal@cloudlinux.com](mailto:cln-internal@cloudlinux.com)

---

The root URL for all REST services is: <https://cln.cloudlinux.com/api>

## API overview

---

**Authentication token** is produced by combining: login|timestamp|sha1(secret\_key + timestamp).

```
customer_login|1401189361|97e17a41ea904e0ca2bf03c7c36dee2
492ba89cd
```

The timestamp is the number of seconds since January 1, 1970 (UTC), or POSIX time.

### **Date/time formatting:**

All date/time values returned from API will be formatted as a string in ISO-8601:  
"yyyy-MM-ddTHH:mmZ" = 04-30T11:26-0400

**Request query** depends on the exact API implementation and may vary. Basically, you should use GET query arguments.

**JSON API** is called with URLs ending on \*.json

All JSON responses will follow the next pattern:

```
{
  "success": true, // true - for success API execution or false - if
                  // something goes wrong
  "message": "",  // Optional system message. Can describe request
                  // processing details (useful if error occurs)
  "data": null,   // This is value returning from API method.
}
```

**TEXT API** is called with URLs ending on \*.plain

All PLAIN responses will follow the next pattern:

- First line "success:true" or "success:false"
- All other lines are API specific
- Optional "message:Some message" line can be available in any response

The success response will be like this:

```
success:true code:0
```

Error response sample:

```
success:false message:Unexpected  
server error
```

Any \*.plain API can return error response

## Common API Methods

You can get here some additional information about Cloudlinux services.

### /status.json

---

**URL:** <https://cln.cloudlinux.com/api/status.json>

Return system information about several Cloudlinux services.

**Success response data (json object):**

```
{  
  "db_clweb_connected": true, // true - if db clweb connected  
  "db_clweb_online": true, // true - if db clweb online  
  "db_rhn_connected": true, // true - if db rhn connected  
  "db_rhn_online": true, // true - if db rhn online  
  "rhn_overloaded": true, //true - if registration server overloaded  
  "rhn_queue_full": true, // true - if registration queue is full  
  "xmlrpc": true, // true - if our xmlrpc service is alive  
  "ip_server_reg": true, // true - if registration for CL IP servers allowed  
  (/usr/sbin/clnreg_ks --force)  
}
```

### /status.plain

---

**URL:** <https://cln.cloudlinux.com/api/status.plain>

Alternative to "check.json" with "text/plain" response. Return system information about several Cloudlinux services in the text representation.

**Success response example:**

```
success:true
db_clweb_connected:true, // true - if db clweb connected
db_clweb_online:false, // true - if db clweb online
db_rhn_connected:true, // true - if db rhn connected
db_rhn_online:true, // true - if db rhn online
rhn_overloaded:false, // true - if registration server overloaded
rhn_queue_full: true, // true - if registration queue is full
xmlrpc:false, // true - if our xmlrpc service is alive
ip_server_reg:false, // true - if registration for CL IP servers allowed
(/usr/sbin/clnreg_ks --force)
```

## CloudLinux products API

API for interactions with CloudLinux products (Shared, Shared Pro Admin, Solo).

**API root URL:** <https://cln.cloudlinux.com/api/v2/cl>

CloudLinux key has **code** to define its product:

- CL - CloudLinux Shared
- CLP - CloudLinux Shared Pro
- CLS - CloudLinux Solo
- CLADMIN - CloudLinux Admin

**Authentication:** All API requests must include a **token** parameter for authorization.

## Create License Key

---

**URL:** <https://cln.cloudlinux.com/api/v2/cl/keys>

**Method:** POST

**Description:** Creates a new license key for a specified product.

**Arguments:**

- **token** (String, required): Authorization token.
- **limit** (Int, required): The usage limit for the license key.
- **productType** (String, required): Type of product (e.g., "CL").
- **note** (String, optional): Optional note or description for the license key.

Success Response Data:

```
{
  "key": "abc123",
  "product_type": "cl",
  "usage_limit": 2,
  "description": "optional note"
}
```

**Example Usage:**

POST

[https://cln.cloudlinux.com/api/v2/cl/keys?token=YOUR\\_TOKEN&productType=CL&limit=2&note=Optional+Note](https://cln.cloudlinux.com/api/v2/cl/keys?token=YOUR_TOKEN&productType=CL&limit=2&note=Optional+Note)

## Update License Key

---

**URL:** <https://cln.cloudlinux.com/api/v2/cl/keys>

**Method:** PATCH

**Description:** Updates an existing license key with new information.

**Arguments:**

- **token** (String, required): Authorization token.
- **key** (String, required): The existing license key to update.
- **limit** (Int, required): Updated usage limit for the license key.
- **note** (String, optional): Updated optional note or description.

**Success Response Data:**

```
{
  "key": "abc123",
  "product_type": "cl",
  "usage_limit": 4,
  "description": "updated note"
}
```

**Example Usage:**

PATCH [/v2/cl/keys?token=YOUR\\_TOKEN&key=abc123&limit=4&note=Updated+Note](https://cln.cloudlinux.com/api/v2/cl/keys?token=YOUR_TOKEN&key=abc123&limit=4&note=Updated+Note)

## Remove License Key

---

**URL:** <https://cln.cloudlinux.com/api/v2/cl/keys>

**Method:** DELETE

**Description:** Deletes a license key by its unique identifier.

**Arguments:**

- **token** (String, required): Authorization token.
- **key** (String, required): The license key to remove.

**Success Response Data:**

```
{
  "key": "abc123"
}
```

**Example Usage:**

DELETE [https://cln.cloudlinux.com/api/v2/cl/keys?token=YOUR\\_TOKEN&key=abc123](https://cln.cloudlinux.com/api/v2/cl/keys?token=YOUR_TOKEN&key=abc123)

## List License Key

---

**URL:** <https://cln.cloudlinux.com/api/v2/cl/keys>

**Method:** GET

**Description:** Returns a list of all license keys associated with the reseller's account and a specified product type.

**Arguments:**

- **token** (String, required): Authorization token.
- **productType** (String, required): Type of product (e.g., "CL").

**Success Response Data:**

```
[
  {
    "key": "abc123",
    "product_type": "cl",
    "usage_limit": 2,
    "description": "optional note"
  },
  {
    "key": "def456",
    "product_type": "cl",
    "usage_limit": 3,
    "description": "another note"
  }
]
```

## Example Usage:

GET [https://cln.cloudlinux.com/api/v2/cl/keys?token=YOUR\\_TOKEN&productType=CL](https://cln.cloudlinux.com/api/v2/cl/keys?token=YOUR_TOKEN&productType=CL)

## List Servers

---

**URL:** <https://cln.cloudlinux.com/api/v2/cl/servers>

**Method:** GET

**Description:** Retrieves a list of all servers associated with the reseller's account for a specified product.

### Arguments:

- **token** (String, required): Authorization token.
- **productType** (String, required): Type of product.

### Success Response Data:

```
[
  {
    "id": 1,
    "key": "abc123",
    "ip": "1.1.1.1",
    "hostname": "server1"
  },
  {
    "id": 2,
    "key": "def456",
    "ip": "1.1.1.1",
    "hostname": "server2"
  }
]
```

## Example Usage:

GET [https://cln.cloudlinux.com/api/v2/cl/servers?token=YOUR\\_TOKEN&productType=CL](https://cln.cloudlinux.com/api/v2/cl/servers?token=YOUR_TOKEN&productType=CL)

## Remove Servers

---

**URL:** <https://cln.cloudlinux.com/api/v2/cl/servers>

## Method: DELETE

**Description:** Deletes a server by its unique identifier.

### Arguments:

- **token** (String, required): Authorization token.
- **id** (Long, required): The server ID to remove.

### Success Response Data:

```
{
  "id": 1,
  "key": "abc123",
  "ip": "1.1.1.1",
  "hostname": "server1"
}
```

### Example Usage:

DELETE [https://cln.cloudlinux.com/api/v2/cl/servers?token=YOUR\\_TOKEN&id=1](https://cln.cloudlinux.com/api/v2/cl/servers?token=YOUR_TOKEN&id=1)

## List Servers by Sub-Account

---

**URL:** <https://cln.cloudlinux.com/api/v2/cl/sub-account/servers>

### Method: GET

**Description:** Returns all servers associated with a reseller's sub-account.

### Arguments:

- **token** (String, required): Authorization token.

### Success Response Data:

```
[
  {
    "sub_account_login": "sub1",
    "sub_account_email": "sub1@example.com",
    "server_id": 1,
    "server_key": "abc123",
    "version": 8,
    "ip": "1.1.1.1"
  },
]
```

```
{
  "sub_account_login": "sub2",
  "sub_account_email": "sub2@example.com",
  "server_id": 2,
  "server_key": "def456",
  "version": 9,
  "ip": "1.1.1.1"
}
```

### Example Usage:

GET [https://cln.cloudlinux.com/api/v2/cl/sub-account/servers?token=YOUR\\_TOKEN](https://cln.cloudlinux.com/api/v2/cl/sub-account/servers?token=YOUR_TOKEN)

## ELS Products API

**API root URL:** <https://cln.cloudlinux.com/api/els>

API for interactions with Extended Life Support products (CentOS/Ubuntu/Oracle).

### ELS product codes

---

ELS key has **TYPE** to define its product:

- CELS - "CentOS 6 ELS"
- OELS - "Oracle Linux 6 ELS"
- UELS16 - "Ubuntu 16 ELS"
- CELS\_8 - "CentOS 8 ELS"
- UELS18 - "Ubuntu 18 ELS"
- PHP\_ELS - "PHP ELS"
- PYTHON\_ELS - "PYTHON ELS"
- UELS18\_SLA - "Ubuntu 16 ELS with SLA"
- ELS\_FOR\_CENTOS7 - "Extended Support for CentOS 7 Standard"
- ELS\_FOR\_CENTOS7\_PLUS\_SLA - "Extended Support for CentOS 7 Complete"
- ELS\_FOR\_CENTOS8STREAM - "Extended Support for CentOS 8 Stream"

### /key/create.json

---

**Method: POST**

**URL:**

[https://cln.cloudlinux.com/api/els/key/create.json?token=AUTH\\_TOKEN&productType=CELS&limit=2&note=test](https://cln.cloudlinux.com/api/els/key/create.json?token=AUTH_TOKEN&productType=CELS&limit=2&note=test)



**Query param:**

- **token** - authorization token
- **productType** - ELS license productType (see description above)
- **note** - key note
- **limit** - key limit (max servers per key) 0 for unlimited key

Create an ELS key.

**Success response data (json):** Returns newly generated ELS key object

## /key/update.json

---

```
{
  "key": "CELS-yUDxBd5ethmGO5d3hnAZEau0",
  "productCode": "CELS"
  "usageLimit": "2"
  "description": "123"
}
```

**Method: PUT****URL:**

[https://cln.cloudlinux.com/api/els/key/update.json?token=AUTH\\_TOKEN&key=CELS-key&limit=4&no](https://cln.cloudlinux.com/api/els/key/update.json?token=AUTH_TOKEN&key=CELS-key&limit=4&no)

**Query param:**

- **token** - authorization token
- **key** - key to update
- **limit** - key limit (max servers per key) 0 for unlimited key
- **note** - key note

Update ELS key properties.

**Success response data (json):** Returns updated ELS key object

```
{
  "key": "CELS-yUDxBd5ethmGO5d3hnAZEau0",
  "productCode": "CELS", "usageLimit":
  "4"
  "description": "321"
}
```

## /key/remove.json

---

**Method: DELETE**

**URL:**

[https://cln.cloudlinux.com/api/els/key/remove.json?token=AUTH\\_TOKEN&key=CELS-key](https://cln.cloudlinux.com/api/els/key/remove.json?token=AUTH_TOKEN&key=CELS-key)

**Query param:**

- **token** - authorization token
- **key** - ELS key to remove

Remove ELS registration key with all servers.

**Success response data (json):** Returns list of server objects removed with the current key.

```
[  
  {"key": "CELS-yUDxBd5ethmGO5d3hnAZEau0"}  
]
```

## /key/list.json

---

**Method: GET****URL:**

[https://cln.cloudlinux.com/api/els/key/list.json?token=AUTH\\_TOKEN&productType=CELS](https://cln.cloudlinux.com/api/els/key/list.json?token=AUTH_TOKEN&productType=CELS)

**Query param:**

- **token** - authorization token
- **productType** - ELS license productType (see description above)

List all ELS keys owned by the customer.

**Success response data (json):** Returns list of key objects

## /srv/list.json

---

**Method: GET****URL:**

[https://cln.cloudlinux.com/api/els/srv/list.json?token=AUTH\\_TOKEN&productType=CELS&key=CELS-value](https://cln.cloudlinux.com/api/els/srv/list.json?token=AUTH_TOKEN&productType=CELS&key=CELS-value)

**Query param:**

- **token** - authorization token
- **productType** - ELS license productType (see description above)
- **key** - licence key (optional)

List all ELS servers by specific product code with an optional filter by license key

**Success response data (json):** Returns a list of servers ordered by last check in or an empty list

```
[
  {"id": "12345", "key": "CELS-value", "ip": "1.1.1.1", "hostname":
  "test", "lastCheckin": "2022-09-05 14:22:23.781372"}
  {"id": "22346", "key": "CELS-value", "ip": "2.2.2.2", "hostname":
  "test2", "lastCheckin": "2021-08-04 13:42:13.681376"}
]
```

## /srv/remove.json

---

**Method: DELETE**

**URL:** [https://cln.cloudlinux.com/api/els/key/remove.json?token=AUTH\\_TOKEN&id=12345](https://cln.cloudlinux.com/api/els/key/remove.json?token=AUTH_TOKEN&id=12345)

**Query param:**

- **token** - authorization token
- **id** - server id to remove

Remove the ELS server by its ID.

**Success response data (json):** Returns removed server object

```
{"id": "12345", "key": "CELS-value", "ip": "1.1.1.1", "hostname": "test",
"lastCheckin": "2021-08-04 13:42:13.681376"}
```

## Imunify Product family API

**API root URL:** <https://cln.cloudlinux.com/api/im>

API for interactions with Imunify(AV+/360) software on client's side.

## Imunify product codes

---

Imunify key has string-based **code** to define its product:

- AVP - "ImunifyAV+"
- 360\_1 - "Imunify360 single user"
- 360\_30 - "Imunify360 up to 30 users"
- 360\_250 - "Imunify360 up to 250 users"
- 360\_UN - "Imunify360 unlimited"

## /key/create.json

---

### URL:

[https://cln.cloudlinux.com/api/im/key/create.json?token=AUTH\\_TOKEN&code=360\\_1&limit=2](https://cln.cloudlinux.com/api/im/key/create.json?token=AUTH_TOKEN&code=360_1&limit=2)

### GET arguments:

- **token** - authorization token
- **code** - Imunify license code (see description above)
- **note** - key note
- **limit** - key limit (max servers per key) 0 for unlimited key

Create Imunify key.

**Success response data (json):** Returns newly generated Imunify key object

```
{
  "key": "IM1SOMENONSENCETEXT",
  "limit": "0",
  "code": "360_1"
}
```

## /key/update.json

---

### URL:

[https://cln.cloudlinux.com/api/im/key/update.json?token=AUTH\\_TOKEN&key=IMKEYVALUE&limit=2](https://cln.cloudlinux.com/api/im/key/update.json?token=AUTH_TOKEN&key=IMKEYVALUE&limit=2)

### GET arguments:

- **token** - authorization token
- **key** - Imunify key to update
- **note** - New keynote (not updated if field is not present)
- **limit** - New key limit (max servers per key) 0 for unlimited key
- **servers** - Number of servers, registered with the key

Update Imunify key properties.

**Success response data (json):** Returns update Imunify key object

```
{
  "key": "IM1SOMENONSENCETEXT",
  "limit": "2",
  "code": "360_250",
  "servers": "1"
}
```

## /key/remove.json

---

**URL:**

[https://cln.cloudlinux.com/api/im/key/remove.json?token=AUTH\\_TOKEN&key=IMKEYVALUE](https://cln.cloudlinux.com/api/im/key/remove.json?token=AUTH_TOKEN&key=IMKEYVALUE)

**GET arguments:**

- **token** - authorization token
- **key** - Imunify key to remove

Remove Imunify registration key with all servers.

**Success response data (json):** Returns list of server objects removed with current key.

```
[  
  { "id": "SSERVER_ID_1", "key": "IMKEYVALUE"},  
  { "id": "SSERVER_ID_2", "key": "IMKEYVALUE"},  
]
```

## /key/list.json

---

URL: [https://cln.cloudlinux.com/api/im/key/list.json?token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/im/key/list.json?token=AUTH_TOKEN)

**GET arguments:**

- **token** - authorization token

List all Imunify keys owned by customer.

**Success response data (json):** Returns list of key objects

```
[  
  { "key": "IM1SOMENONSENCETEXT", "limit": "2", "code": "360_250",  
    "servers": "0"}, { "key": "IMUNOTHERKEY", "limit": "42", "code":  
    "360_UN", "servers": "1"},  
]
```

## /srv/list.json

---

**URL:**

[https://cln.cloudlinux.com/api/im/srv/list.json?token=AUTH\\_TOKEN&key=IMKEYVALUE](https://cln.cloudlinux.com/api/im/srv/list.json?token=AUTH_TOKEN&key=IMKEYVALUE)

**GET arguments:**

- **token** - authorization token
- **key** - Imunify key

List all Imunify servers under specific key

**Success response data (json):** Returns list of server objects or an empty list

```
[  
  
  { "id": "SSERVER_ID_1", "ip": "SSERVER_IP_1", "key": "IMKEYVALUE",  
    "last_checkin": "2023-04-30T11:26-0400" },  
  
  { "id": "SSERVER_ID_2", "ip": "SSERVER_IP_2", "key": "IMKEYVALUE",  
    "last_checkin": "2023-04-30T11:26-0400" },  
  
]
```

## /srv/remove.json

---

**URL:**

[https://cln.cloudlinux.com/api/im/srv/remove.json?token=AUTH\\_TOKEN&id=SSERVER\\_ID\\_1](https://cln.cloudlinux.com/api/im/srv/remove.json?token=AUTH_TOKEN&id=SSERVER_ID_1)

**GET arguments:**

- **token** - authorization token
- **id** - Imunify server id

Remove Imunify server by its ID.

**Success response data (json):** Returns removed server object

```
{ "id": "SSERVER_ID_1", "key": "IMKEYVALUE"},
```

## /srv/convert.json

---

**URL:** [https://cln.cloudlinux.com/api/im/srv/convert.json?token=AUTH\\_TOKEN&id=SSERVER\\_ID\\_1&key=IMUNNEWKEYVALUE](https://cln.cloudlinux.com/api/im/srv/convert.json?token=AUTH_TOKEN&id=SSERVER_ID_1&key=IMUNNEWKEYVALUE)

**GET arguments:**

- **token** - authorization token
- **id** - Imunify server id
- **key** - New Imunify key for provided server id

Convert (move) Imunify server to another key (license type). If you want to upgrade the server from "Single" to "Up to 30 users" license, you should move it from the current key (which should be single user type) to another with another license type (up to 30 users in our example).

**Success response data (json):** Returns updated server object

```
{ "id": "SSERVER_ID_1", "key": "IMKEYVALUE"},
```

## IP-based licenses API

API root URL: <https://cln.cloudlinux.com/api/ipl>

You can manage IP based license over this API.

### IP license product types

---

To bind IP license with particular product you must provide valid product type:

- 1 - CloudLinux OS Shared
- 1002 - CloudLinux OS Shared PRO
- 4 - CloudLinux OS Solo
- 5 - CloudLinux OS Admin
- 3 - ELS for CentOS 6
- 16 - KernelCare
- 17 - KernelCare Plus
- 40 - Imunify AV Plus
- 41 - Imunify for single user
- 44 - Imunify for 5 users
- 42 - Imunify for 30 users
- 43 - Imunify for 250 users
- 49 - Imunify Unlimited
- 5017 - ELS for CentOS 7 Standard
- 5018 - ELS for CentOS 7 Complete
- 5005 - ELS for CentOS 8
- 5003 - ELS for Oracle Linux 6
- 5004 - ELS for Ubuntu 16
- 5019 - ELS for Ubuntu 18
- 5020 - ELS for Ubuntu 18 + SLA
- 5034 - ELS for CentOS 8 Stream
- 5011 - ELS for CentOS 6 + SLA
- 5012 - ELS for CentOS 8 + SLA
- 5013 - ELS for Oracle Linux 6 + SLA
- 5014 - ELS for Ubuntu 16 + SLA
- 7215 - Extended Security Updates
- 5035 - ELS for CentOS 8 Stream + SLA

### /availability.json

---

**URL example:**

[https://cln.cloudlinux.com/api/ipl/availability.json?ip=1.1.1.1&token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/ipl/availability.json?ip=1.1.1.1&token=AUTH_TOKEN)

Will return information about what kind of license types are available for registration and what types are used by the current account.

**GET arguments:**

- **token** - authorization token
- **ip** - IP address to check

Success response data:

```
{"available": [1,41,42,43,49], "owned":[16]}
```

- **available(int[])** - list of types that can be used to register new IP license
- **owned(int[])** - list of types that already registered(owned) by this account

As you can see if somebody owns a license then that license type will not be in **available** list. If it is a currently owned license then the type of this license will be in the **owned** list.

## /check.json

---

**URL example:**

[https://cln.cloudlinux.com/api/ip/check.json?ip=1.1.1.1&token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/ip/check.json?ip=1.1.1.1&token=AUTH_TOKEN)

Check if the IP license is registered by any customer.

**GET arguments:**

- **token** - authorization token
- **ip** - IP address to check

**Success response data (list of integers):**

```
[1,16] OR [41] OR []
```

Will return a list of registered license types or empty list if provided IP is not registered yet.

## /register.json

---

**URL example:**

[https://cln.cloudlinux.com/api/ip/register.json?ip=1.1.1.1&type=1&token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/ip/register.json?ip=1.1.1.1&type=1&token=AUTH_TOKEN)

Will register an IP-based license for an authorized user.

**GET arguments:**

- **token** - authorization token
- **ip** - IP address to register
- **type** - IP license type (1,16,41,42,43,49)
- **els\_allowed** – allow CL6 registration



On success response **returns** information about created or already registered license.

#### Success response data (json object):

```
{ "ip": "1.1.1.1", "type": ,16 "registered": false, "created":  
"2014-04-30T11:26-0400" }
```

- **ip(string)**
- **type(int)** - license type (1,16,41,42,43,49)
- **registered(boolean)** - true if the server was registered in CLN with this license (CLN licenses only).
- **created(string)** - license creation time

Will return a non-successful response in any other cases.

## /convert.json

---

#### URL example:

[https://cln.cloudlinux.com/api/ipl/convert.json?ip=1.1.1.1&type=41&type\\_to=43&token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/ipl/convert.json?ip=1.1.1.1&type=41&type_to=43&token=AUTH_TOKEN)

Change Imunify IP license type. Note that you can upgrade only to the Imunify360 IP license. You can upgrade/downgrade ImunifyIP licenses.

#### GET arguments:

- **token** - authorization token
- **ip** - Imunify 360 IP address
- **type** - current Imunify IP license type
- **type\_to** - new Imunify 360 IP license type

#### Success response data (boolean):

- **true** when IP license was updated
- **false** if impossible to update IP license: not found, not owned by user etc.

## /remove.json

---

#### URL example:

[https://cln.cloudlinux.com/api/ipl/remove.json?ip=1.1.1.1&type=16&token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/ipl/remove.json?ip=1.1.1.1&type=16&token=AUTH_TOKEN)

Will remove IP based license from authorized user licenses.

#### GET arguments:

- **token** - authorization token
- **ip** - IP address to remove
- **type(optional)** - IP license type. If empty - will remove licenses with all types

**Success response data (boolean):**

- **true** when IP license was removed
- **false** if IP license was not found OR not owned by user

## /list.json

---

**URL example:** [https://cln.cloudlinux.com/api/ip/list.json?token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/ip/list.json?token=AUTH_TOKEN)

Return all IP licenses owned by an authorized user.

**GET arguments:**

- **token** - authorization token

**Success response data (json objects list):**

```
[{"ip": "1.1.1.1", "type": 16, "registered": false, "created": "2014-04-30T11:26-0400"}, ...]
```

- **ip(string)**
- **type(int)** - license type (1,16,41,42,43,49)
- **registered(boolean)** - true if server was registered in CLN with this license (CLN licenses only).
- **created(string)** - license creation time

## /server.json

---

**URL example:**

[https://cln.cloudlinux.com/api/ip/server.json?token=AUTH\\_TOKEN&ip=ip1,ip2](https://cln.cloudlinux.com/api/ip/server.json?token=AUTH_TOKEN&ip=ip1,ip2)

Return all IP licenses owned by authorized user filtered by ip.

**GET arguments:**

- **token** - authorization token
- **ip** - array of server ips(comma separated). It can contain up to 100 IP addresses

**Success response data (json objects list):**

```
[{"server_info": "cloudlinux-release-5 (2.6.18-294.26.1.el5.lve0.8.18)", "ip": "1.1.1.1", "type": 1, "registered": false, "created": "2014-04-30T11:26-0400", "last_checkin": "2014-04-30T11:26-0400"}, ...]
```

- **server\_info(string)** - info about OS, its version and the running kernel of the server, registered by the IP license available)
- **ip(string)**
- **type(int)** - license type (1,16,41,42,43,49)
- **registered(boolean)** - true if server was registered in CLN with this license (CLN licenses only).
- **created(string)** - license creation time
- **last\_checkin(string)** - license last\_checkin time

## /update.json

---

### URL example:

[https://cln.cloudlinux.com/api/ip/update.json?ip=1.1.1.1&type=16&token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/ip/update.json?ip=1.1.1.1&type=16&token=AUTH_TOKEN)

Update the IP-based license from the authorized user licenses.

### GET arguments:

- **token** - authorization token
- **ip** - IP address to fetch data
- **els\_allowed** – allow CL6 registration
- **type (optional)** - IP license type. If empty - will remove licenses with all types

### Success response data (boolean):

- **true** - when IP license was updated
- **false** - if IP license was not found OR not owned by user

## KernelCare API

**API root URL:** <https://cln.cloudlinux.com/api/kcare>

You can manage KC licenses and keys over this API.

## /key/create.json

---

**URL:** [https://cln.cloudlinux.com/api/kcare/key/create.json?token=AUTH\\_TOKEN&limit=2&note=Key+description](https://cln.cloudlinux.com/api/kcare/key/create.json?token=AUTH_TOKEN&limit=2&note=Key+description)

Will generate a new KC key for an authorized user.

### GET arguments:

- **token** - authorization token
- **limit** - key servers limit (0 for unlimited key)
- **note** (optional) - key description up to 100 characters

**Success response data (string):** returns newly generated KC key

## /key/delete.json

---

Will delete KC key owned by authorized user.

### GET arguments:

- **token** - authorization token
- **key** - KC key to delete

**Success response data (boolean):** returns true if key was deleted or false if key was not found

## /key/list.json

---

**URL:** [https://cln.cloudlinux.com/api/kcare/key/list.json?token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/kcare/key/list.json?token=AUTH_TOKEN)

Return list of all KC keys registered by authorized user.

**GET arguments:**

- **token** - authorization token

**Success response data (json objects list):**

```
[{
  "key": "WsTs821nSAtiastD", // key identifier "enabled": false,
  "created": "2014-04-30T11:26-0400", // key creation time "limit": 2,
  // key servers max limit 0 for unlimited key "note": "Some custom
  key note"
}, // Will return an empty list if user has no keys
]
```

## /key/servers.json

---

**URL:**

[https://cln.cloudlinux.com/api/kcare/key/servers.json?token=AUTH\\_TOKEN&key=WsTs821nSAtiastD](https://cln.cloudlinux.com/api/kcare/key/servers.json?token=AUTH_TOKEN&key=WsTs821nSAtiastD)

Return list of servers registered with key owned by authorized user.

**GET arguments:**

- **token** - authorization token
- **key** - KC key linked to servers

**Success response data (json objects list):**

```
[{
  "server_id": "s096slnkaAtoiAsd", // Server identifier
  "ip": "1.1.1.1", // Remote IP from which server was registered
  "created": "2014-04-30T11:26-0400", // Registration time
  "last_checkin": "2023-04-30T11:26-0400" // Last check-in date
},
// Will return an empty list if no servers found
]
```

## /key/set\_cidr.json

---

### URL:

[https://cln.cloudlinux.com/api/kcare/key/set\\_cidr.json?token=AUTH\\_TOKEN&key=KEY&cidr=cidr+list](https://cln.cloudlinux.com/api/kcare/key/set_cidr.json?token=AUTH_TOKEN&key=KEY&cidr=cidr+list)

Will add a list of CIDRs for the authorized user.

### GET arguments:

- **token** - authorization token
- **key** - key associated with cidr
- **cidr** - allowed IP range in a CIDR format. Multiple CIDRs can be separated with spaces, commas and sem

### Success response data (json object):

```
{
  "code": 0 // CIDR adding status code
}
```

- code(int):
  - 0 - success (all CIDRs have been added)
  - 1 - irregular ip address in one of CIDRs
  - 2 - irregular prefix in one of CIDRs
  - 3 - internal error

## /srv/remove.json

---

### URL:

[https://cln.cloudlinux.com/api/kcare/srv/remove.json?server\\_id={value}&token={value}](https://cln.cloudlinux.com/api/kcare/srv/remove.json?server_id={value}&token={value})

### GET arguments:

- **token** - authorization token
- **server\_id** - server id to remove

**Success response data (json):** Server found and deleted

```
{
  "message": null,
  "type": null,
  "success": true,
  "data": {
    "server_id": "",
    "key": ""
  }
}
```

**Success response data (json):** Server not found

```
{
  "message": "Server not found", "type":
  null,
  "success": true,
  "data": null
}
```

**Error response (json):** authorization failed

```
{
  "message": "Authorization failed", "type":
  null,
  "success": false, "data":
  null
}
```

## KernelCare Nagios API

### /nagios/register\_key.plain

---

**URL:** [https://cln.cloudlinux.com/api/kcare/nagios/register\\_key.plain?key=WsTs821nSAtiastD](https://cln.cloudlinux.com/api/kcare/nagios/register_key.plain?key=WsTs821nSAtiastD)

API to register a custom monitoring key for the IP license. The key will be registered for the remote client IP.

#### GET arguments:

- **key** - Monitoring key from 16 to 32 alphanumeric characters (small & capital letters)

#### Success response example:

```
success:true code:0
```

Any nonzero code value means key creation error!

- **code(int):**
  - 0 - success (key created/updated)
  - 1 - wrong key size/for mat
  - 2 - no KC IP license available

Server Error example:

```
success:false
```

## /nagios

---

**URL:** [https://cln.cloudlinux.com/api/kcare/nagios/{key\\_id}](https://cln.cloudlinux.com/api/kcare/nagios/{key_id})

Will check status all servers registered by the key

- **key\_id** - Server id to check

Return success response if all servers are up to date.

### Success response example:

KernelCare OK - all servers are up to date!

Error response will be returned if any server is out of date, unsupported or inactive.

## /nagios-res

---

**URL:** <https://cln.cloudlinux.com/api/kcare/nagios-res/{login}/{token}>

Will check the status of all servers registered to reseller

- **login** - Login of reseller
- **token** - authorization token

Will return success response if all servers are up to date.

### Success response example:

KernelCare OK - all servers are up to date!

Error response will be returned if any server is out of date, unsupported or inactive.

# Server Groups for Imunify/KernelCare API

**API root URL:** <https://cln.cloudlinux.com/api/group>

API to manage server groups for Imunify/KernelCare products.

## /create.json

---

**METHOD: POST**

**URL:**

[https://cln.cloudlinux.com/api/group/create.json?token=AUTH\\_TOKEN&name=NAME&description=DESCRIPTION](https://cln.cloudlinux.com/api/group/create.json?token=AUTH_TOKEN&name=NAME&description=DESCRIPTION)

Will create a new group for the authorized user.

**Query parameters:**

- **token** - authorization token
- **name** - group name
- **description** (optional) – group description

**Success response data (json):** Returns newly generated group

```
{
  "message": null,
  "type": null,
  "success": true,
  "data": {
    "name": "NAME",
    "description": "DESCRIPTION"
  }
}
```

## /list.json

---

**METHOD: GET**

**URL:** [https://cln.cloudlinux.com/api/group/list.json?token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/group/list.json?token=AUTH_TOKEN)

Will receive all groups for authorized user.

**Query parameter:**

- **token** - authorization token

**Success response data (json):** Returns all groups

```
{
  "message": null,
  "type": null,
  "success": true,
  "data": [
    {
      "name": "NAME",
      "description": "DESCRIPTION"
    }
  ]
}
```

## /servers/list.json

---



**METHOD: GET****URL:**

[https://cln.cloudlinux.com/api/group/servers/list.json?token=AUTH\\_TOKEN&name=NAME](https://cln.cloudlinux.com/api/group/servers/list.json?token=AUTH_TOKEN&name=NAME)

Will return a list of the server objects or an empty list.

**Query parameters:**

- **token** - authorization token
- **name** - group name

**Success response data (json):** Returns server objects

```
{
  "message": null,
  "type": null,
  "success": true,
  "data": [
    {
      "id": "SERVER-1",
      "hostName": "10.000.0.000",
      "ip": "10.000.0.000",
      "type": "IMUNIFY"
    }
  ]
}
```

## /servers/put.json

---

**METHOD: PUT****URL:**

[https://cln.cloudlinux.com/api/group/servers/put.json?token=AUTH\\_TOKEN&name=NAME  
&server\\_ids=SERVER-1,SERVER-2](https://cln.cloudlinux.com/api/group/servers/put.json?token=AUTH_TOKEN&name=NAME&server_ids=SERVER-1,SERVER-2)

Will add servers to a group.

**Query parameters:**

- **token** - authorization token
- **name** - group name
- **server\_ids** – array of server ids

**Success response data (json):** Returns a list of added servers

```
{
  "message": null,
  "type": null,
  "success": true,
  "data": [
    {
      "id": "SERVER-1",
      "hostName": "10.000.0.000",
      "ip": "10.000.0.000",
      "type": "IMUNIFY"
    },
    {
      "id": "SERVER-1",
      "hostName": "10.000.0.000",
      "ip": "10.000.0.000",
      "type": "IMUNIFY"
    }
  ]
}
```

## /servers/remove.json

---

### **METHOD: DELETE**

### **URL:**

[https://cln.cloudlinux.com/api/group/servers/remove.json?token=AUTH\\_TOKEN&name=NAME&server\\_ids=SERVER-1,SERVER-2](https://cln.cloudlinux.com/api/group/servers/remove.json?token=AUTH_TOKEN&name=NAME&server_ids=SERVER-1,SERVER-2)

Will remove servers from a group.

### **Query parameters:**

- **token** - authorization token
- **name** - group name
- **server\_ids** – array of server ids

**Success response data (json):** Returns a list of removed servers

```
{
  "message": null,
  "type": null,
  "success": true,
  "data": [
    {
      "id": "SERVER-1",
      "hostName": "10.000.0.000",
      "ip": "10.000.0.000",
      "type": "IMUNIFY"
    },
    {
      "id": "SERVER-1",
      "hostName": "10.000.0.000",
      "ip": "10.000.0.000",
      "type": "IMUNIFY"
    }
  ]
}
```

## AccelerateWP Billing Information

API to receive usage information for Accelerate Premium and CDN for a certain period.

[/cl/awp](#)

---

### METHOD: GET

### URL:

[https://cln.cloudlinux.com/api/cl/awp?products=AWP\\_PREMIUM,AWP\\_CDN&yearMonth=2023-12&token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/cl/awp?products=AWP_PREMIUM,AWP_CDN&yearMonth=2023-12&token=AUTH_TOKEN)

### GET arguments:

- **token** - authorization token
- **products** – product code [AWP\_PREMIUM, AWP\_CDN]
- **yearMonth** - look up period. Formal yyyy-MM

Returns entities that are billable for the given period.

Example response:

```
[
  {
    "product": "AWP_PREMIUM",
    "primary_domain": "example1.com",
    "username": "test-user1", // nullable
  },
  {
    "product": "AWP_CDN",
    "primary_domain": "example2.com",
    "username": "test-user2", // nullable
    "cdn_limit_type": "50 GB"
  }
]
```

## Feature management on account level (currently Imunify Email is the only available feature)

API to enable/ disable Imunify email on account level

[/v2/features](#)

---

**METHOD: GET**

**URL:** [https://cln.cloudlinux.com/api/v2/features?token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/v2/features?token=AUTH_TOKEN)

**GET arguments:**

- token - authorization token

Returns all supported features.

Success response data: List of objects

```
[
  {
    "feature_id": 4600,
    "applicable_product_ids": [
      1,
      2,
      3
    ]
  }
]
```

## GET /v2/features/account

---

**URL:** [https://cln.cloudlinux.com/api/v2/features/account?token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/v2/features/account?token=AUTH_TOKEN)

Returns all supported feature product IDs for account.

Success response data: Dictionary of feature type IDs to their permissions [ENABLED, DISABLED, UNSET]

```
{
  "1101": "DISABLED",
  "1102": "UNSET",
  "4600": "ENABLED"
}
```

## PATCH /v2/features/account

---

**URL:** [https://cln.cloudlinux.com/api/v2/features/account?token=AUTH\\_TOKEN](https://cln.cloudlinux.com/api/v2/features/account?token=AUTH_TOKEN)

Returns all supported feature product IDs for account. Supports partial update.

Request body: Dictionary of feature type IDs to their permissions [ENABLED, DISABLED, UNSET].

```
{
  "1101": "DISABLED",
  "1102": "UNSET",
  "4600": "ENABLED"
}
```

Success response data: Dictionary of feature type IDs to their updated permissions [ENABLED, DISABLED, UNSET].

```
{
  "1101": "DISABLED",
  "1102": "UNSET",
  "4600": "ENABLED"
}
```