VOSS Insights Dashboard API Guide

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Legal Information

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Contents

1. Introduction

1.1. Overview

The API is broken up into the resources below. Each resource represents an object in the system. A resource will have associated data and a set of methods in which the user may operate on it. The following URIs currently do not require authentication.

Resource	Description
`/dashboards`	This resource can be used to create, update, and delete new dashboards.
`/datasource`	This resource can be used to create, update, and delete datasources.
`/system`	This resource will return data about the system in general.

2. Resources

2.1. dashboards

The dashboards resource supports the following operations.

Method	URL	Description
POST	`/dashboards/data/user`	Retrieves dashboard data for a specific user.
POST	`/dashboards/user`	Get a list of all available dashboards for a specific user.
PUT	`/dashboards/user`	Create or Update a dashboard for a specific user.
DELETE	`/dashboards/user`	Deletes a dashboard from a specific user.
POST	`/dashboards/resources/fields`	Get a list of all available resources and their respective fields.
GET	`/dashboards/roles`	Get a dashboard role.
POST	`/dashboards/roles`	Add a dashboard role.
DELETE	`/dashboards/roles`	Deletes a dashboard role.

2.2. system

The system resource supports the following operations.

Method	URL	Description
GET	`/system/stats`	Get system stats.

- Example Output

  Command:

```
curl -k -w'\nRESP_CODE: %{response_code}\n'
    -X GET https://10.13.37.12/api/system/stats
```

  Output:

```
{
  "data": {
    "Cpu - Idle": "74.48979591836735",
    "Cpu - Irq": "0",
    "Cpu - Nice": "0",
    "Cpu - Sys": "9.183673469387756",
    "Cpu - Total": "25.510204081632654",
    "Cpu - User": "16.3265306122449",
    "Load Percentage": "129.4189453125",
    "Load over Last 1 Minute": "2.58837890625",
    "Load over Last 5 Minute": "2.01416015625",
    "Load over Last 15 Minute": "1.71923828125",
    "Memory Free": 7368441856,
    "Memory Used": 9436925952,
    "Memory Total": 16805367808,
    "Memory Used Percent": "56.15423631196968",
    "Memory Free Percent": "43.84576368803032",
    "Number of Cores": 2,
    "Disk Used Percent": "17",
    "Disk Free Percent": "83",
    "Disk Total": 523089912,
    "Disk Used": 85928968,
    "Disk Free": 437160944,
    "customer": "VAADEMODASH",
    "hostname": "VAADEMODASH",
    "version": "sp62",
    "services": {
      "postgres": "running",
      "ndx_server": "running",
      "reporter": "running",
      "apache2": "running",
      "sshd": "running",
      "slapd": "running",
      "runit": "running"
    }
  }
}
```


RESP_CODE: 200

3. Resources v2

3.1. Overview

The following URIs will require authentication. The system currently implements a token based authentication system. Every resource under thev2route requires a token property to be set in the http header. A token can be requested from the `/v2/login` URI.

Resource	Description
`/v2/login`	Use this resource to request a token.
`/v2/lxt_updates`	Use this resouces to manage software updates for the product.
`/v2/users`	Use this resource to GET, POST, PUT, DELETE users.

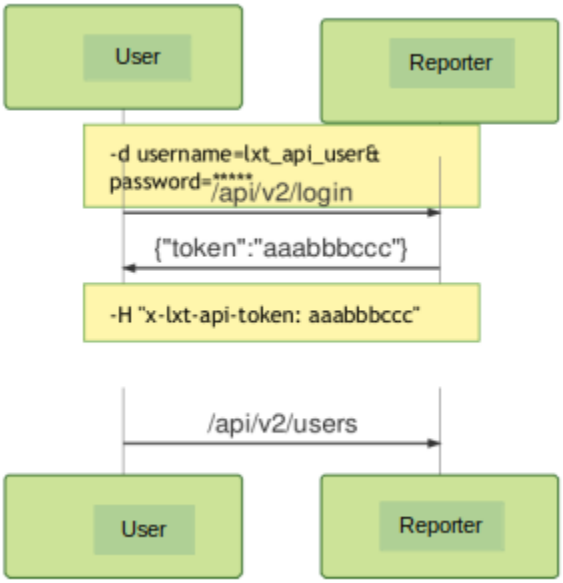
3.2. `/v2/login`

The `login` route is required before access to any route under `v2` is requested. The system will respond with a token that needs to be included in the header of all subsequent API requests.

The following methods are supported for the `login` route.

Method	URI	Description
POST	`/v2/login`	Retrieves dashboard data for a specific user.

3.2.1. High Level login API Flow



3.2.2. POST

`/v2/login`

- Required Parameters

  The login request requires a `username` and `password` parameter to be sent as part of the POST request.

  Note: The `username` and `password` should be sent as a multipart form parameter. The username should be a userid that already exists in the system. A user can be added through our User Interface or via the API.

  By default, the system contains a user named `lxt_api_user`. This `userid` can be used for first time API users. The `lxt_api_userpassword` is set at install time by your system administrator.

- Example Curl Request

  Command:

```
curl-k -w'\nRESP_CODE: %{response_code}\n'
    -X POST https://<IP or FQDN>/api/v2/login
    -d"username=lxt_api_user&password=password1"
```

  Output:

```
{"token":"eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]"}
```

  RESP_CODE: `200`

3.3. /v2/lxt_updates

Method	URL	Description
GET	/v2/lxt_updates	Retrieves current list of all update requests.
GET	/v2/lxt_updates/{id}	Retrieves information about a specific update request.
POST	/v2/lxt_updates	Adds a new update request.
PUT	/v2/lxt_updates	Modifies an existing update request.
PUT	/v2/lxt_updates/{id}	Modifies an existing update request.
DELETE	/v2/lxt_updates	Deletes an existing update request.
DELETE	/v2/lxt_updates/{id}	Deletes an existing update request.

3.3.1. Header (required)

x-lxt-api-token: “token from login”

3.3.2. GET

/v2/lxt_updates

- Example 1: Get All Updates

  Command:

```
  curl -s
       -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
       --insecure
       -w "RESP_CODE: %{response_code}"
       -X GET https://<IP or FQDN>/api/v2/lxt_updates

Output (formatted):

::

   {
    "status":200,
    "message":"Success",
    "data":[
             {"id":"12"},
             {"id":"13"}
           ]
   }


RESP_CODE: ``200``
```

- Example 2: Get Updates with specified id

Command:

```
curl -s
-H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
--insecure
-w "RESP_CODE: %{response_code}"
-X GET https://<IP or FQDN>/api/v2/lxt_updates/12
```

Output (formatted):

```
  {
   "status":200,
   "message":"Success",
   "data":[
     {
     "id":"12",
     "status":{"comment":"Error encountered. Please reference the install log."},
     "log":"This file does not look like a service pack.\n"
     }
   ]
  }

RESP_CODE: ``200``
```

3.3.3. POST

Use POST to add a new update request.

/v2/users

- Input defines

  The following definitions may be used when creating a new request. The new software should be copied into the drop account, or else provide a URL for fetching.

```
id=12 (optional)
delay=60 (optional)
url=http://www.layerxtech.com/downloads/arbitratorhawaii/updates (optional)
```

- Example 1: Add new update request

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -X POST https://<IP or FQDN>/api/v2/lxt_updates
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1Ni[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d 'id=12'
     -d 'delay=60'
     -d 'url=http://www.layerxtech.com/downloads/arbitratorhawaii/updates'
     -X POST https://<IP  or FQDN>/api/v2/lxt_updates
```

Output (formatted):

```
{
 "status":200,
 "message":"Success",
 "data":[{"id":"12"}]
}
```

RESP_CODE: 200

3.3.4. PUT

Use PUT to modify an existing update request. An error will be returned if the update request does not exist in the system.

/v2/lxt_updates

- Input defines

  The following definitions may be used when creating a new request.

```
id=12 (optional)
delay=60 (optional)
url=http://www.layerxtech.com/downloads/arbitratorhawaii/updates (optional)
```

- Example 1: Update existing update request

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d'id=12&delay=0'
     -X PUT https://<IP or  FQDN>/api/v2/lxt_updates
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d 'delay=0'
     -X PUT https://<IP or FQDN>/api/v2/users/12
```

Output (formatted):

```
{
 "status":201,
 "message":"Success",
 "data":{ "id":"12" }
 }
```

RESP_CODE: 200

3.3.5. DELETE

/v2/lxt_updates

/v2/lxt_updates/{id}

- Example 1: Delete existing update request

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d"id=12"
     -X DELETE https://<IP or FQDN>/api/v2/lxt_udpates
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -X DELETE https://<IP or FQDN>/api/v2/lxt_updates/12
```

  Output (formatted):

```
  {
  "status":201,
  "message":"Success",
  "data":[]
  }

RESP_CODE: ``200``
```

- Example 2: Delete existing update request again

  Command:

```
curl -s
     -H x-lxt-apitoken:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
```

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```
     -d"id=12"
     -X DELETE https://<IP or FQDN>/api/v2/lxt_updates
```

or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -X DELETE https://<IP or FQDN>/api/v2/lxt_updates/12
```

Output (formatted):

```
{
  "status":404,
  "message":"Could not find existing entry for {id}",
  "data":[]
}
```

RESP_CODE: 404

3.4. /v2/users

Method	URL	Description
GET	/v2/users	Retrieves current list of all users.
POST	/v2/users	Adds a new user.
PUT	/v2/users	Modifies an existing user.
PUT	/v2/users/deactivate	Deactivate an existing user.
PUT	/v2/users/reactivate	Reactivate an existing user.
DELETE	/v2/users	Deletes an existing user.

3.4.1. Header (required)

`x-lxt-api-token`: “token from login”

3.4.2. GET

`/v2/users`

- Example 1: Get All Users

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -X GET https://<IP or FQDN>/api/v2/users
```

  Output (formatted):


```
 {
  "status":200,
  "message":"Success",
  "data":[
    {
      "email":"tset",
      "id":"IPM0N3CRFDHM4GQK15319464799176RQ299QFIJBA8B",
      "userId":"test",
      "firstName":"Bob",
      "lastName":"Smith",
      "status":"active",
      "customerId":null
    },
    {
      "email":"test",
      "id":"RUKTJDOYFSGJ4JO11532442929347PUPJAMFGP8TYE6",
      "userId":"loc",
      "firstName":"",
      "lastName":"",
      "status":"active",
      "customerId":null
    }
  ]
}
```


  RESP_CODE: `200`

- Example 2: Get Users with query parameter `email`

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -X GET https://<IP or FQDN>/api/v2/users?email=tset
```

Output (formatted):


```
{

  "status":200,
  "message":"Success",
  "data":[{"email":"tset",
           "id":"IPM0N3CRFDHM4GQK15319464799176RQ299QFIJBA8B",
           "userId":"test",
           "firstName":"Bob",
           "lastName":"Smith",
           "status":"active",
           "customerId":null
          }]
}
```


RESP_CODE: `200`

- Example 3: Get Users with query parameter `userId`

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -X GET https://<IP or FQDN>/api/v2/users?userId=loc
```

  Output (formatted):


```
{"status":200,
 "message":"Success",
 "data":[{"email":"test",
          "id":"RUKTJDOYFSGJ4JO11532442929347PUPJAMFGP8TYE6",
          "userId":"loc",
          "firstName":"",
          "lastName":"",
          "status":"active",
          "customerId":null}]
}
```


  RESP_CODE: `200`

- Example 4: Get Users with an invalid email

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -X GET https://<IP or FQDN>/api/v2/users?email=invalid@email.com
```

Output (formatted):

```
{
 "status":400,
 "message":"User(s) not found.",
 "data":[]
}
```

RESP_CODE: 400

3.4.3. POST

Use POST to add a new user. An error will be returned if this user already exists in the system.

/v2/users

- Example Input JSON

  The following JSON should be used when adding a new user to the system. POST parameters should be in JSON only.

  v2users.add.user1

```
{
 "userId":"testuser1", (required)
 "password":"password1", (optional)
 "email":"testuser1@test.com", (required)
 "firstName":"TFirst", (optional)
 "lastName":"TLast", (optional)
 "customerId":"1234", (optional)
 "customerName":"", (optional, recommended if customerId is provided)
 "roles":[ (optional)
          {
           "name":"layerx_role1", (optional)
           "product":"Global SIP"(optional)
          }]
}
```

  - customerName

    The API will automatically create a customer for the user if customerName is provided. The customerName will be returned with each subsequent API GET request. The customerName should be unique. New customers can be seen in the user interface under the **Access Controls-> Customer** area. The admin user can then add, modify, or delete resource filters to control what data this user can see.

  - customerId

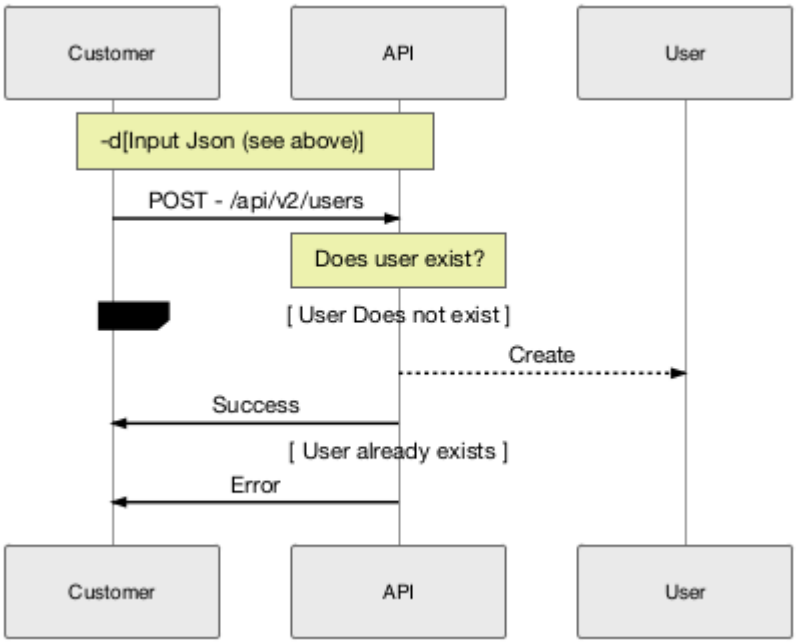
The API also supports the use of a customerId. The customerId is usually a customer specific unique identifier that has meaning to the end user. If customerId is provided, the API will use the customerId as the determining factor on whether or not to create a new customer. The API will automatically create a new customer for the user if customerId does not already exist in the system.

Note: customerName is still an optional field. The system still needs something user friendly to display to the end user in the user interface.

customerId is usually not very meaningful or useful to the end user. It is recommended that the customerName is also used in conjuntion with customerId to provide a user friendly customer name.

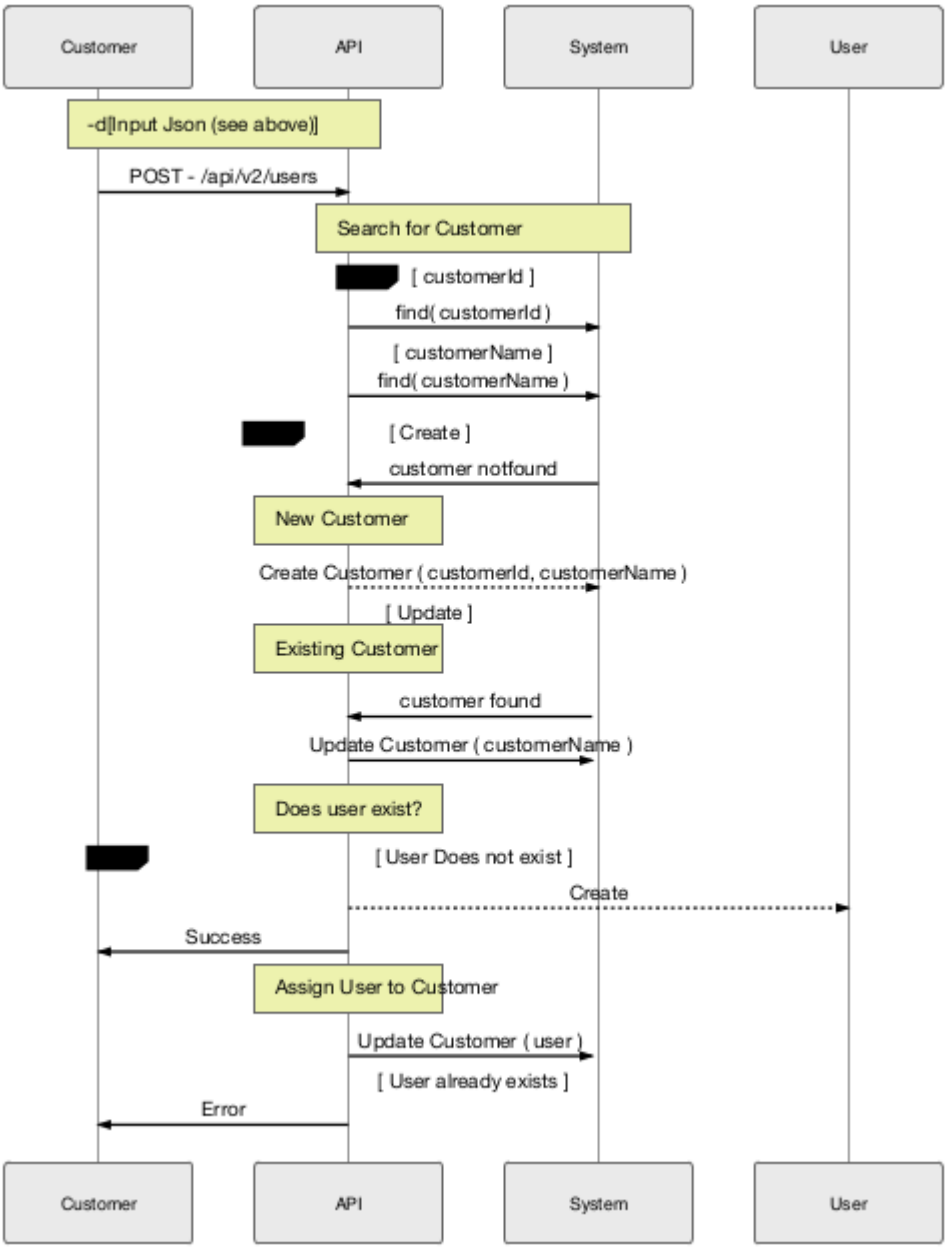
- POST High Level (No customer information)

  The following flow demonstrates the system behavior when customerId and customerName are not provided.



- POST High Level (with customer information)

  The following flow demonstrates the system behavior when customerId and customerName are provided.



- Example 1: Add new user

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d@test_data/v2users.add.user1
     -X POST https://<IP or FQDN>/api/v2/users
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d '{"userId":"testuser1",
          "password":"password1",
          "email":"testuser1@test.com",
          "firstName":"TFisrt",
          "lastName":"TLast",
          "roles": [{"name":"layerx_role1",
                     "product":"Global SIP"}]
         }'
     -X POST https://<IP or FQDN>/api/v2/users
```

Output (formatted):

```
{"status":200,
 "message":"Success",
 "data":[{"email":"testuser1@test.com",
          "id":"4e37d6c336d2adbf52bbc5dda8[...]",
          "userId":"testuser1",
          "firstName":"TFirst",
          "lastName":"TLast",
          "status":"active",
          "customerId":null }]
}
```

RESP_CODE: 200

- Example 2: Add an existing user

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d@test_data/v2users.add.user1
     -X POST https://<IP or FQDN>/api/v2/users
```

  Output (formatted):

```
{"status":400,
 "message":"User already exists.",
 "data":[]
}
```

  RESP_CODE: 400

3.4.4. PUT

Use PUT to modify an existing user. An error will be returned if the user does not exist in the system.

```
/v2/users
/v2/users/deactivate
/v2/users/reactivate
```

- Example Input JSON

  The following JSON should be used when modifying a new user to the system. PUT parameters should be in JSON only.

  v2users.modify.user1

```
{"id":"xxxxxxxxxxxxxxxx", (optional)
 "userId":"testuser1", (required)
 "password":"password1", (optional)
 "email":"testuser1@test.com", (required)
 "firstName":"Firstname Changed", (optional)
 "lastName":"Last Name changed", (optional)
 "customerId":"1234", (optional)
 "customerName":"Customer B", (optional, recommended if customerId is provided)
 "roles":[ (optional)
    {"name":"layerx_role1", (optional)
     "product":"Global SIP"(optional)
    }]
}
```

- customerName and customerId

  Please refer to POST section for customerName and customerId parameters.

- Example 1: Update existing user

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d@test_data/v2users.modify.user1
     -X PUT https://<IP or FQDN>/api/v2/users
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d '{"id":"xxxxxxxxxxxxxxxx",
          "userId":"testuser1",
          "password":"password1",
          "email":"testuser1@Changed",
```

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```
          "lastName":"Last Name changed",
          "customerId":"1234",
          "roles":[{"name":"layerx_role1",
                    "product":"Global SIP"}]}'
    -X PUT https://<IP or FQDN>/api/v2/users
```

Output (formatted):

```
{"status":201,
 "message":"Success",
 "data":{"email":"testuser1@test.com",
        "id":"4e37d6c336d2adbf52bbc5d[...]",
        "userId":"testuser1",
        "firstName":"Firstname Changed",
        "lastName":"Last Name changed",
        "status":"active",
        "customerId":"1234" }
}
```

RESP_CODE: 200

- Example 2: Deactivate user

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d@test_data/v2users.modify.user1
     -X PUT https://<IP or FQDN>/api/v2/users/deactivate
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d '{"id":"xxxxxxxxxxxxxxxx",
          "userId":"testuser1",
          "password":"password1",
          "email":"testuser1@Changed",
          "lastName":"Last Name changed",
          "customerId":"1234",
          "roles":[{"name":"layerx_role1",
                    "product":"Global SIP"}]}'
    -X PUT https://<IP or FQDN>/api/v2/users/deactivate
```

  Output (formatted):

```
{"status":201,
 "message":"Success",
```

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```
 "data":{"email":"testuser1@test.com",
         "id":"4e37d6c336d2adbf52bb[...]",
         "userId":"testuser1",
         "firstName":"Firstname Changed",
         "lastName":"Last Name changed",
         "status":"inactive",
         "customerId":"1234"}
}
```


RESP_CODE: 200

- Example 2: Reactivate user

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d@test_data/v2users.modify.user1
     -X PUT https://<IP or FQDN>/api/v2/users/reactivate
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d '{"id":"xxxxxxxxxxxxxxxx",
          "userId":"testuser1",
          "password":"password1",
          "email":"testuser1@Changed",
          "lastName":"Last Name changed",
          "customerId":"1234",
          "roles":[{"name":"layerx_role1",
                    "product":"Global SIP"}]}'
    -X PUT https://<IP or FQDN>/api/v2/users/reactivate
```

  Output (formatted):


```
{"status":201,
 "message":"Success",
 "data":{"email":"testuser1@test.com",
         "id":"4e37d6c336d2adbf52bbc[...]",
         "userId":"testuser1",
         "firstName":"Firstname Changed",
         "lastName":"Last Name changed",
         "status":"active",
         "customerId":"1234"}
}
```


RESP_CODE: 200

3.4.5. DELETE

Use DELETE to delete a user from the system.

/v2/users

- Example Input JSON

  See POST and PUT section for example JSON. DELETE parameters should be in JSON only.

- Example 1: Delete existing user

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d@test_data/v2users.add.user1
     -X DELETE https://<IP or FQDN>/api/v2/users
```

  or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d '{"id":"xxxxxxxxxxxxxxxx",
          "userId":"testuser1",
          "password":"password1",
          "email":"testuser1@Changed",
          "lastName":"Last Name changed",
          "customerId":"1234",
          "roles":[{"name":"layerx_role1",
                    "product":"Global SIP"}]}'
     -X DELETE https://<IP or FQDN>/api/v2/users
```

  Output (formatted):

```
{"status":201,
 "message":"Success",
 "data":[]
}
```

  RESP_CODE: 200

- Example 2: Delete existing user again

  Command:

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d@test_data/v2users.add.user1
     -X DELETE https://<IP or FQDN>/api/v2/users
```

or

```
curl -s
     -H x-lxt-api-token:eyJ0eXAiOiJKV1QiLCJhbGciOiJSUzI1NiJ9[...]
     --insecure
     -w "RESP_CODE: %{response_code}"
     -d '{"id":"xxxxxxxxxxxxxxxx",
          "userId":"testuser1",
          "password":"password1",
          "email":"testuser1@Changed",
          "lastName":"Last Name changed",
          "customerId":"1234",
          "roles":[{"name":"layerx_role1",
                    "product":"Global SIP"}]}'
     -X DELETE https://<IP or FQDN>/api/v2/users
```

Output (formatted):

```
{"status":404,
 "message":"Invalid user",
 "data":[]
}
```

RESP_CODE: 404

3.5. /v2/system

Method	URL	Description
GET	/v2/system	Retrieves current list of all update requests.
GET	/v2/system/daysRemaining	Retrieves days remaining on license.
GET	/v2/system/license	Retrieves license key.
PUT	/v2/system/productkey/{key}	Updates license key with {key}.

3.5.1. GET

/v2/system/daysRemaining

Output (formatted):

```
{"status": 200,
 "message": "Success",
 "data": {"daysRemaining": "171"}
}
```

/v2/system/license

Output (formatted):

```
{"status": 200,
 "message": "Success",
 "data": {"license": "9H3EJ-aaaaa-7X79K-nnnnn-ccccc"}
}
```

4. Appendix

4.1. References

4.1.1. Complete API Reference

Table 1: API Calls Table

Method	URL	Description
POST	/dashboards/action/copyDashboards	
POST	/dashboards/action/deleteDashboards	
POST	/dashboards/action/moveDashboards	
POST	/dashboards/action/saveDataSources	
DELETE	/dashboards/colorPalettes/user/	
POST	/dashboards/colorPalettes/user/	
PUT	/dashboards/colorPalettes/user/	
GET	/dashboards/customer/:userId	
DELETE	/dashboards/customers	
GET	/dashboards/customers	
PUT	/dashboards/customers	
POST	/dashboards/data/user/	
DELETE	/dashboards/fieldGroups/user/	
POST	/dashboards/fieldGroups/user/	
PUT	/dashboards/fieldGroups/user/	

continues on next page

Table 1 – continued from previous page

Method	URL	Description
DELETE	/dashboards/groups/user/	
POST	/dashboards/groups/user/	
PUT	/dashboards/groups/user/	
POST	/dashboards/manage/	
POST	/dashboards/resources/fields/	
POST	/dashboards/schedules/deleteReports	
POST	/dashboards/schedules/sync	
DELETE	/dashboards/schedules/user/	
POST	/dashboards/schedules/user/	
PUT	/dashboards/schedules/user/	
DELETE	/dashboards/seriesMappings/	
POST	/dashboards/seriesMappings/	
PUT	/dashboards/seriesMappings/	
PUT	/dashboards/seriesMappings/name/	
DELETE	/dashboards/seriesMappings/user/	
POST	/dashboards/seriesMappings/user/	
PUT	/dashboards/seriesMappings/user/	
GET	/dashboards/streamHealthMonitor	
PUT	/dashboards/streamHealthMonitor	
POST	/dashboards/sync/copy	
POST	/dashboards/sync/overwrite	
POST	/dashboards/sync/sync	
POST	/dashboards/themes/push	
POST	/dashboards/themes/status	
DELETE	/dashboards/themes/user	
POST	/dashboards/themes/user	
PUT	/dashboards/themes/user	
DELETE	/dashboards/user/	
POST	/dashboards/user/	
PUT	/dashboards/user/	
DELETE	/datasource/	
GET	/datasource/	

continues on next page

Table 1 – continued from previous page

Method	URL	Description
PUT	/datasource/	
GET	/datasource/types/	
DELETE	/definitions/groups/user/	
POST	/definitions/groups/user/	
PUT	/definitions/groups/user/	
DELETE	/definitions/user/	
POST	/definitions/user/	
PUT	/definitions/user/	
GET	/docs/swagjson/:filename	
POST	/log/events(/:tags+)	
POST	/login	
GET	/system/stats	
GET	/system/version	

4.1.2. /v2

Table 2: API v2 Calls Table

Method	URL	Description
DELETE	/v2/dashboards/roles/	
POST	/v2/dashboards/roles/	
PUT	/v2/dashboards/roles/	
POST	/v2/db/readDatabaseTable/	
POST	/v2/login	
GET	/v2/lxt_updates/	
DELETE	/v2/lxt_updates/	
POST	/v2/lxt_updates/	
PUT	/v2/lxt_updates/	
GET	/v2/lxt_updates/current/	
GET	/v2/lxt_updates/:version/	
DELETE	/v2/lxt_updates/:version/	
PUT	/v2/lxt_updates/:version/	
GET	/v2/system/	
PUT	/v2/system/	
GET	/v2/system/:parameter/	
PUT	/v2/system/:key/:value	
GET	/v2/users/	
DELETE	/v2/users/	

continues on next page

Table 2 – continued from previous page

Method	URL	Description
POST	/v2/users/	
PUT	/v2/users/	
GET	/v2/users/:id/	
PUT	/v2/users/deactivate/	
PUT	/v2/users/reactivate/	

4.1.3. Status Codes

All status codes are standard HTTP status codes. The table below are status codes commonly used in the API.

Status Code	Description
200	OK
201	Created
202	Accepted
400	Bad Request by Client
401	Unauthorized
403	Forbidden
404	Not Found
500	Internal LayerX Error
501	Not Implemented
503	Service Unavailable

Refer to the "Dashboard API Documentation" section in the appendix of the HTML version of the Dashboard API Guide