

Tech Note on the Issue to Automate CCM Deployments using API

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Introduction

This document describes on how to view cloud center version and build info using API call.

Problem: Issue to Automate CCM Deployments using API

If you have multiple CloudCenter managers (CCM) with different version and you want to automate CCM deployments using API then this document helps you to get the CCM version and build information using API.

Solution

This document uses postman for getting the API calls. You can directly login to CCM GUI using the web browser and run the API to get the details.

Step 1. Login to the CCM GUI with admin/user credentials.

Step 2. Navigate to the **Admin Home > Users > Manage API Key** and Click on **Manage API Key**

Step 3. Copy the API key.

Manage API Key

Manage API Access Key for user "admin@cliqrtech.com"

User Name

cliqadmin

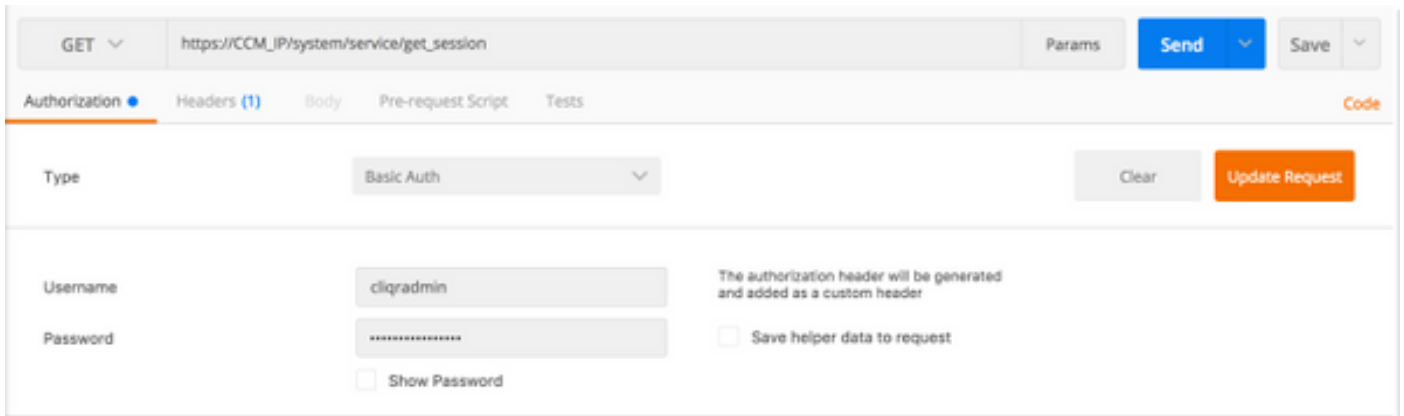
Key

395C1A2A7ECF11D7

Generate new key

Cancel

Step 4. Open Postman App and provide the necessary details as shown in the image:



The screenshot shows the Postman interface with the Authorization tab selected. The URL is `https://CCM_IP/system/service/get_session`. The Authorization Type is set to Basic Auth. The Username is `cliqadmin` and the Password is masked with dots. There is a checkbox for 'Show Password' which is unchecked. A note states: 'The authorization header will be generated and added as a custom header'. There is also a checkbox for 'Save helper data to request' which is unchecked. Buttons for 'Clear' and 'Update Request' are visible.

Method : GET

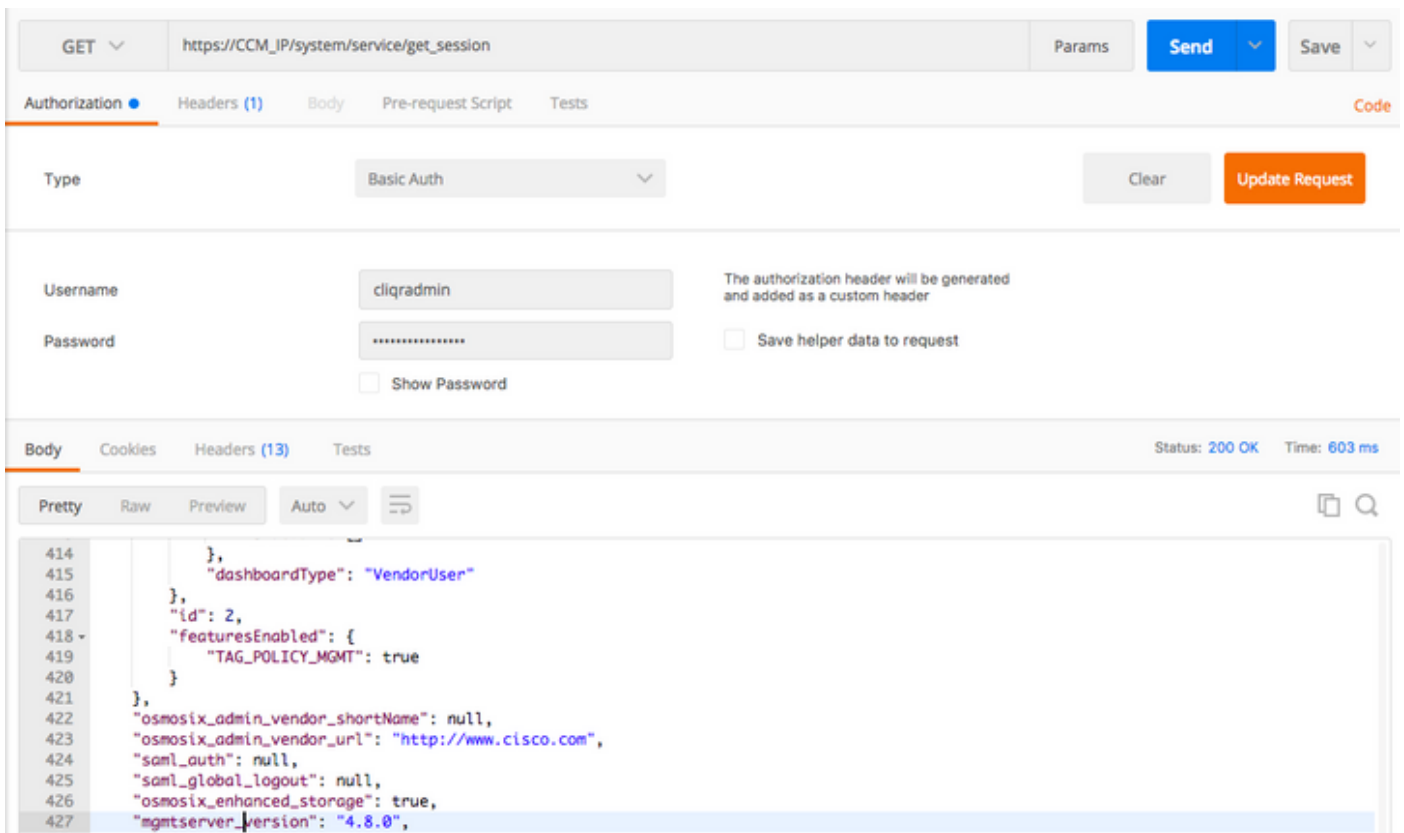
URL : **https://CCM_IP/system/service/get_session**

Type : Basic Authentication

Username : username

Password : password

Step 5. As shown in the image, click on **Send** to send the API request.



The screenshot shows the Postman interface with the Body tab selected. The response is displayed in a code editor with line numbers 414 to 427. The response is a JSON object:

```
414     },
415     "dashboardType": "VendorUser"
416   },
417   "id": 2,
418   "featuresEnabled": {
419     "TAG_POLICY_MGMT": true
420   }
421 },
422 "osmosix_admin_vendor_shortName": null,
423 "osmosix_admin_vendor_url": "http://www.cisco.com",
424 "saml_auth": null,
425 "saml_global_logout": null,
426 "osmosix_enhanced_storage": true,
427 "mgmtserver_version": "4.8.0",
```

The status bar at the bottom right shows 'Status: 200 OK' and 'Time: 603 ms'. The response is formatted in 'Pretty' view.

Pretty

Raw

Preview

Auto



Search for



All



```
294     "hide.policy.run.menu": "0",
295     "hide.job.cloud.type": "0",
296     "vendor.nag.low.credit.no.plan.msg": "Your credit is about to run out. Do you want to",
297     "hide.acctmgmt.preference.menu": "0",
298     "ua.default.cloud": "Amazon-us-west-2",
299     "forum.url": "",
300     "user.reset.pwd.email.subject": "MyCompany user password reset",
301     "Hp-1-a-az-1.default": ""
302 },
303 },
304 "osmosix_admin_vendor_id": 1,
305 "build_tag": "release-4.8.0-20170512.1.67",
306 "_csrf": {
307   "headerName": "X-CSRF-TOKEN",
308   "token": "fa9a3c67-073e-4f56-8fd5-4d7ae510eec4",
309   "parameterName": "_csrf"
310 },
```