**OpenAM APIs**

**Study Links:**

* <https://backstage.forgerock.com/docs/am/6/dev-guide>
* <https://gist.github.com/burck1/e9c0d48118fbe61a9c13>

NOTE: Before any other request, you need to get token using Login API and paste it in the value of ‘iPlanetDirectoryPro’ header of the request

**Login API:**

Request Type: POST

URL: <Your OpenAM URL>/json/authenticate

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| X-OpenAM-Username | < Your OpenAM Admin username > |
| X-OpenAM-Password | < Your OpenAM Admin password > |
| Content-Type | Application/json |
| Accept-API-Version | resource=1.0,protocol=1.1 |

Sample Response:

{

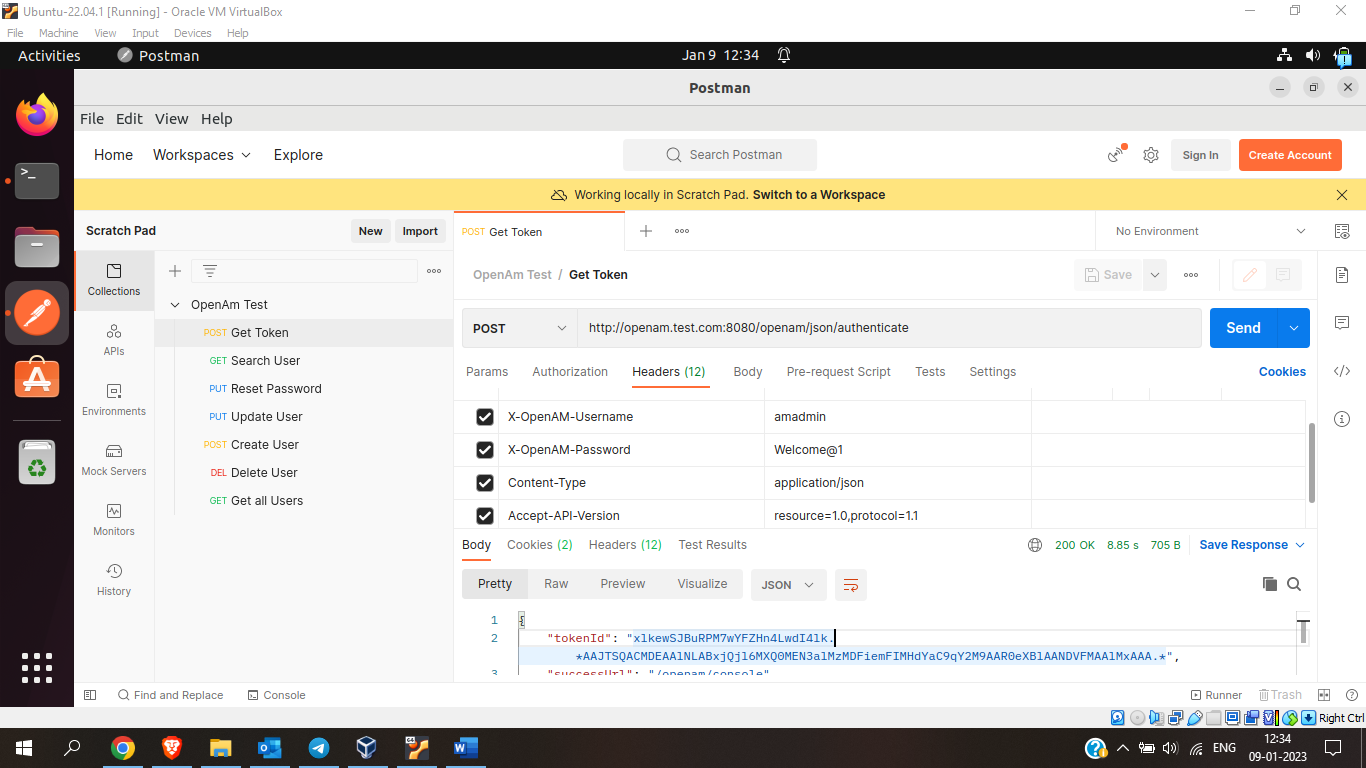
  “tokenId”: “sdsfdfdsklfjsdkfmsdfndsf……\*”,

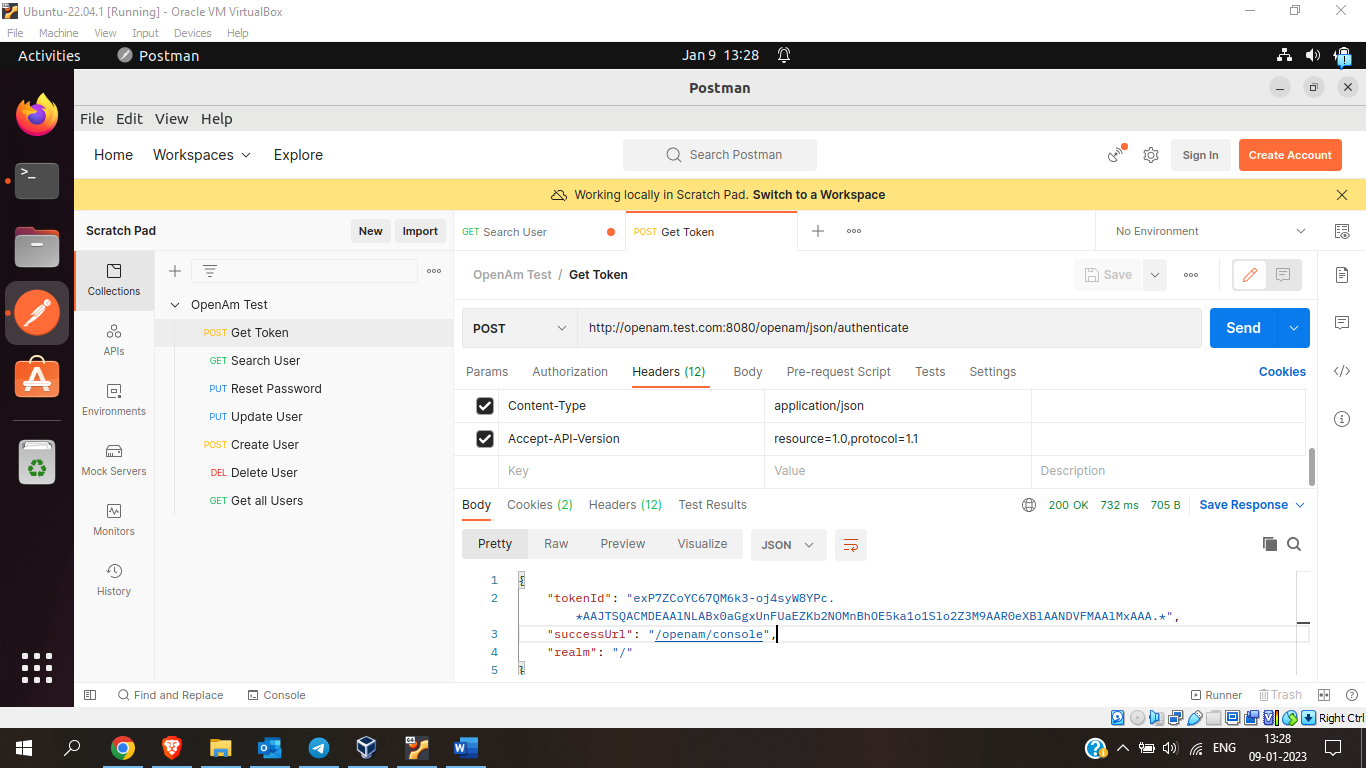
 “succesfull”: “/openam/console”,

 “realm”: “/”

}

Sample Screenshot:





**Search User API:**

Request Type: GET

URL: <Your OpenAM URL>/json/users/<username>

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| iPlanetDirectoryPro | < Your Login tokenId > |
| Content-Type | Application/json |

Sample Response:

{

"\_id": "user.1",

"\_rev": "-1035524114",

"username": "user.1",

"realm": "/",

"uid": [

"user.1"

],

"telephoneNumber": [

"+1 390 103 6917"

],

"postalAddress": [

"Aaren Atp$70110 Fourth Street$New Haven, OH 93694"

],

………

………

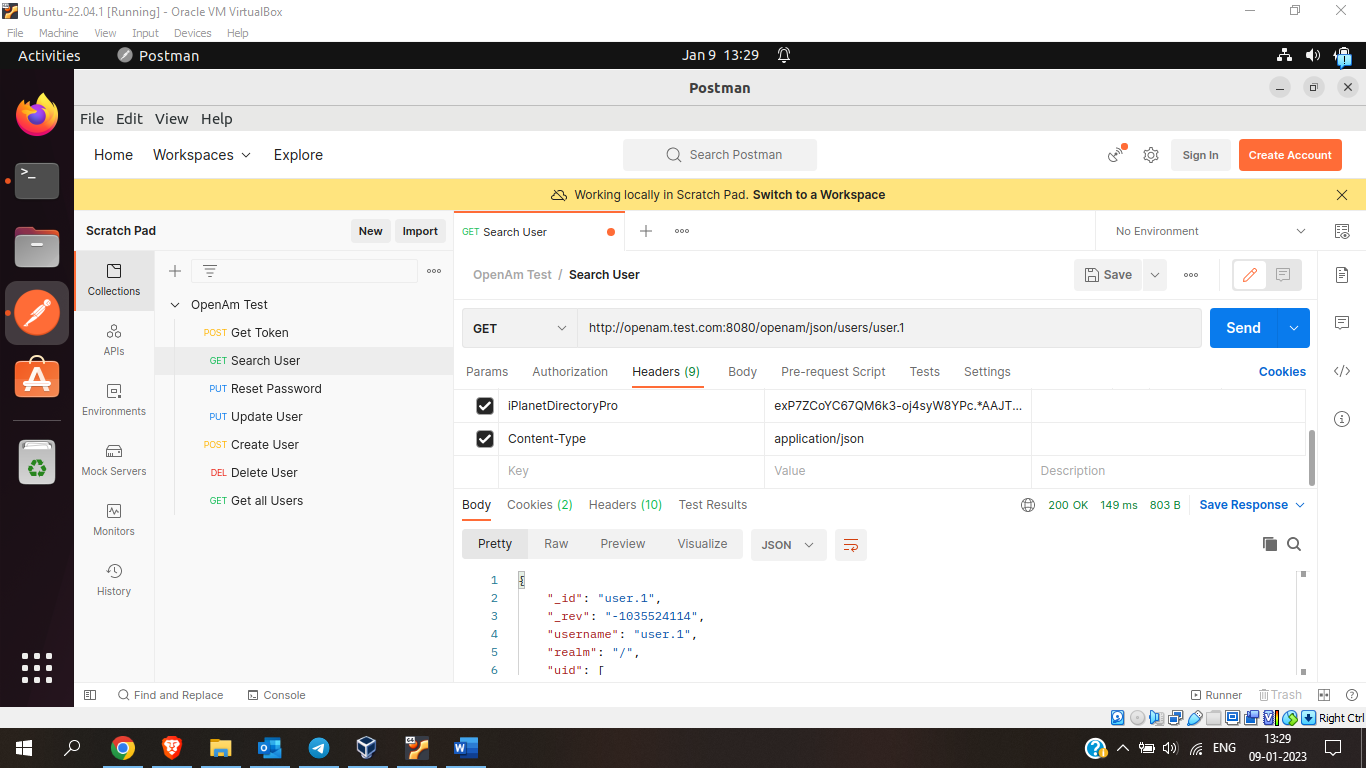
……..

………

………

}

Sample Screenshot:



**Create User API:**

Request Type: POST

URL: <Your OpenAM URL>/json/users?\_action=create

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| iPlanetDirectoryPro | < Your Login tokenId > |
| Content-Type | Application/json |
| Accept-API-Version | resource=1.0,protocol=1.1 |

Sample Body:

{

"username": "user.6",

"userpassword": "Welcome@1",

"mail": "tanishuppal@gmail.com"

}

NOTE: You can add more fields in body

Sample Response:

{

"username": "user.6",

"realm": "/",

"uid": [

"user.6"

],

"mail": [

"tanishuppal@gmail.com"

],

…….

…….

…….

"inetUserStatus": [

"Active"

],

"dn": [

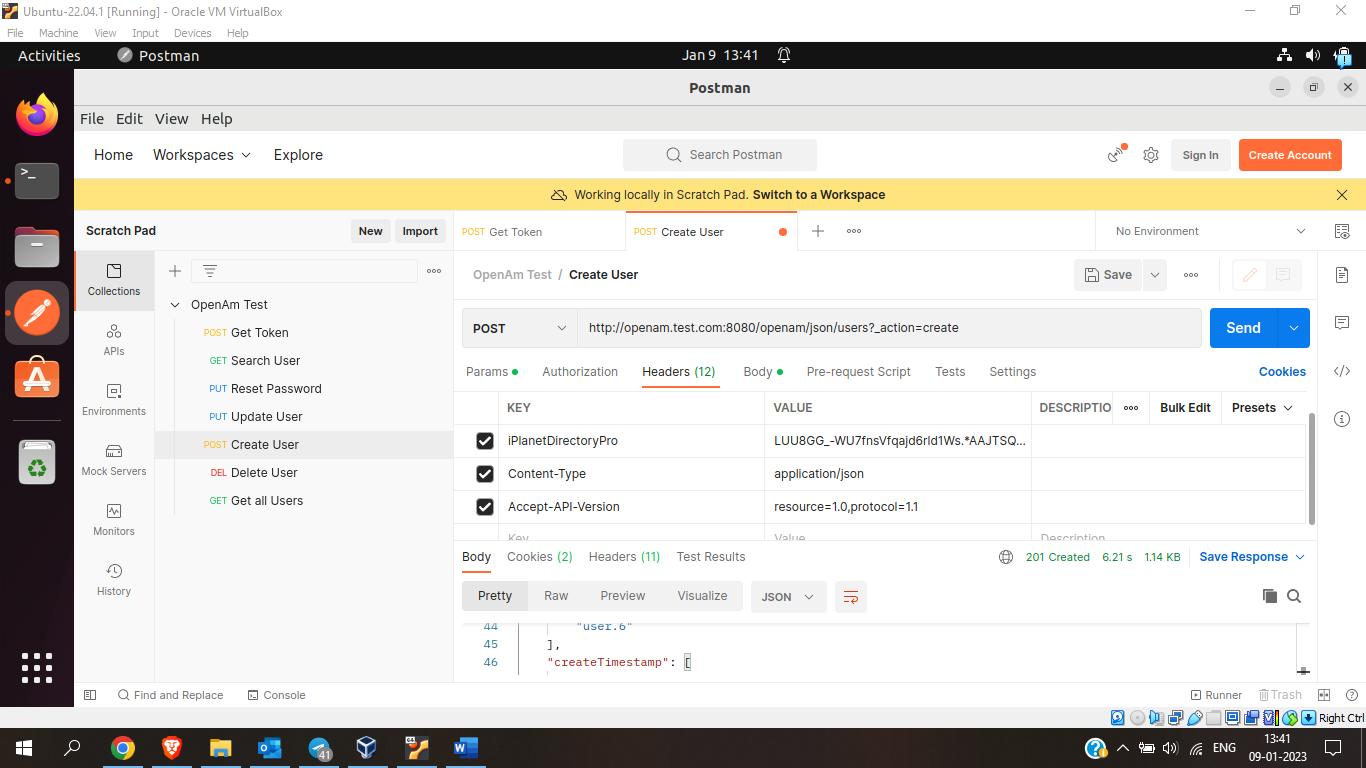
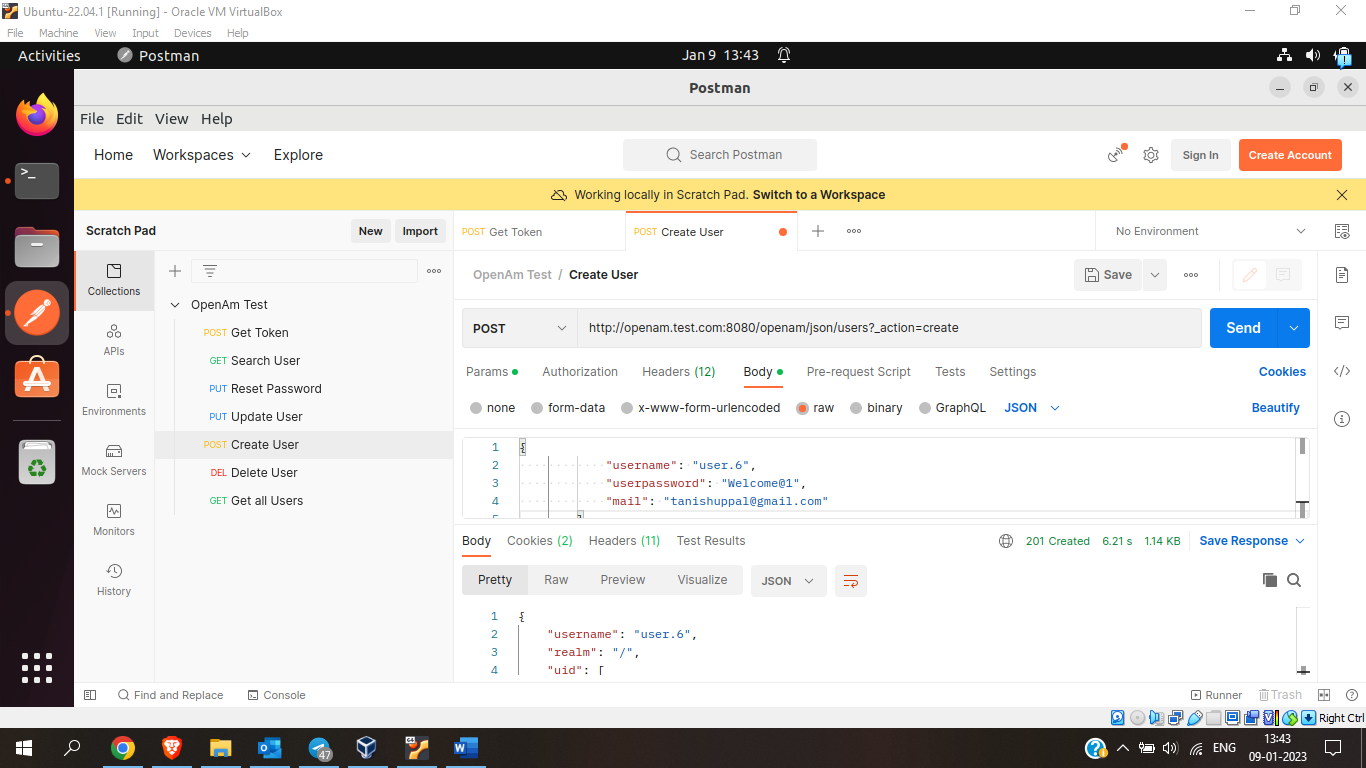
"uid=user.6,ou=people,dc=example,dc=com"

…….

…….

}

Sample Screenshot:



**Update User API:**

Request Type: PUT

URL: <Your OpenAM URL>/json/users/<username>

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| iPlanetDirectoryPro | < Your Login tokenId > |
| Content-Type | Application/json |
| Accept-API-Version | resource=1.0,protocol=1.1 |

Sample Body:

{

"mail": "tanish@gmail.com"

}

NOTE: You can add more fields in body

Sample Response:

{

"username": "user.6",

"realm": "/",

"uid": [

"user.6"

],

"mail": [

"tanish@gmail.com"

],

…….

…….

…….

"modifyTimestamp": [

"20230109081619Z"

],

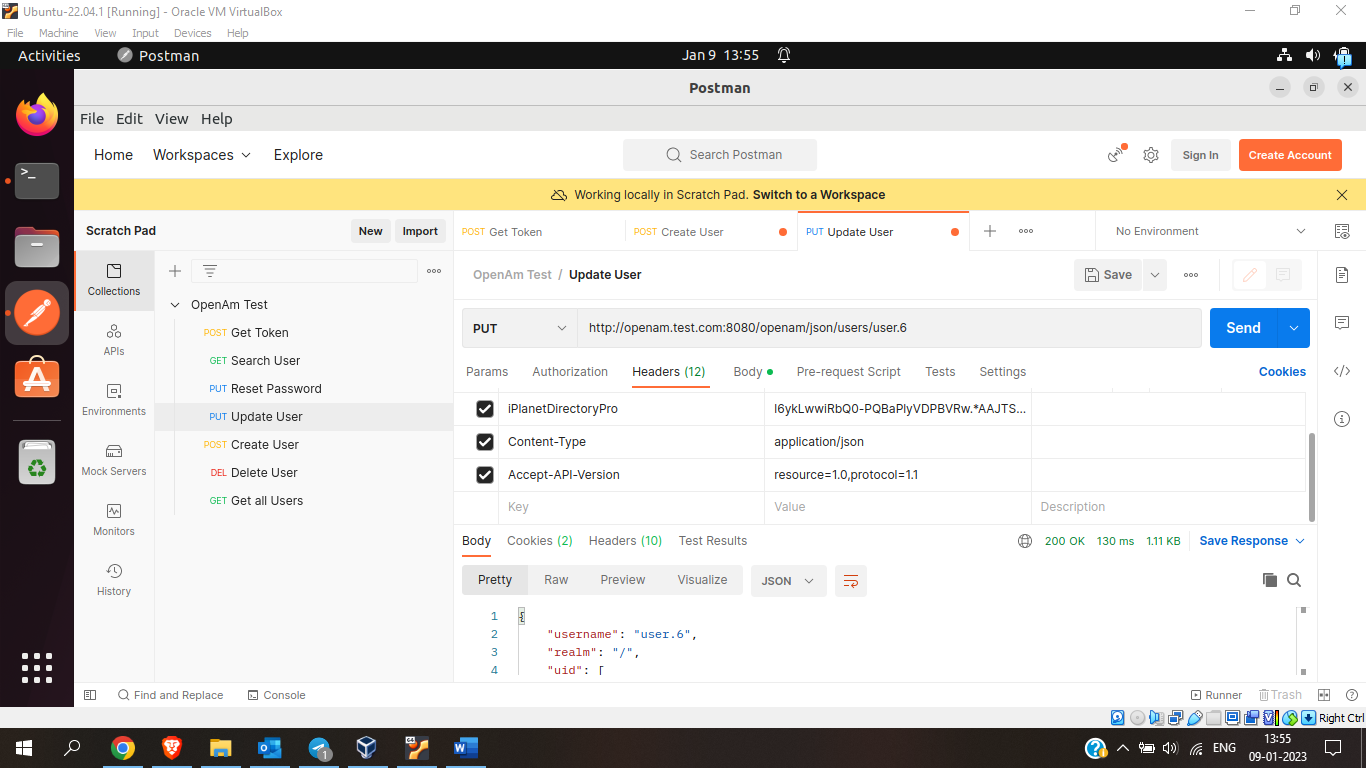
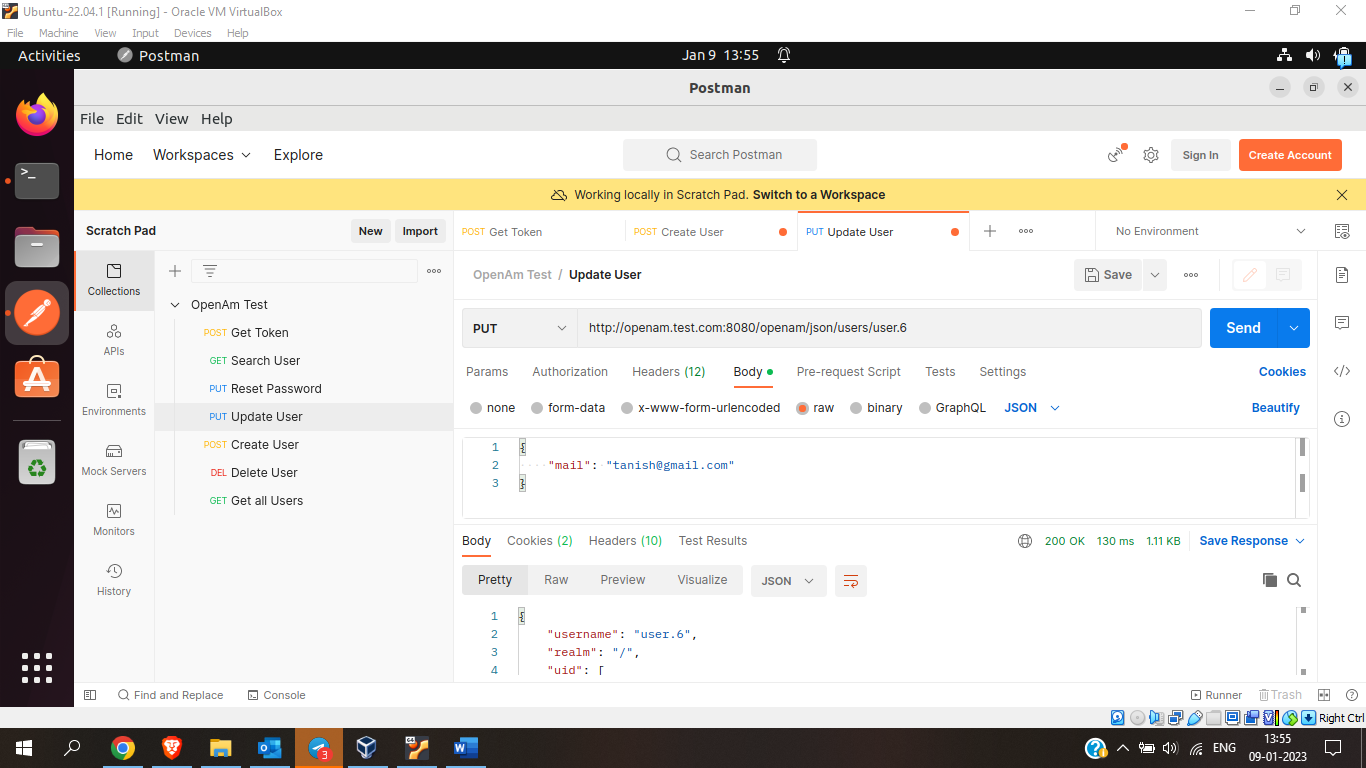
"createTimestamp": [

"20230109080854Z"

]

}

Sample Screenshot:



**Delete User API:**

Request Type: DELETE

URL: <Your OpenAM URL>/json/users/<username>

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| iPlanetDirectoryPro | < Your Login tokenId > |
| Accept-API-Version | resource=1.0,protocol=1.1 |

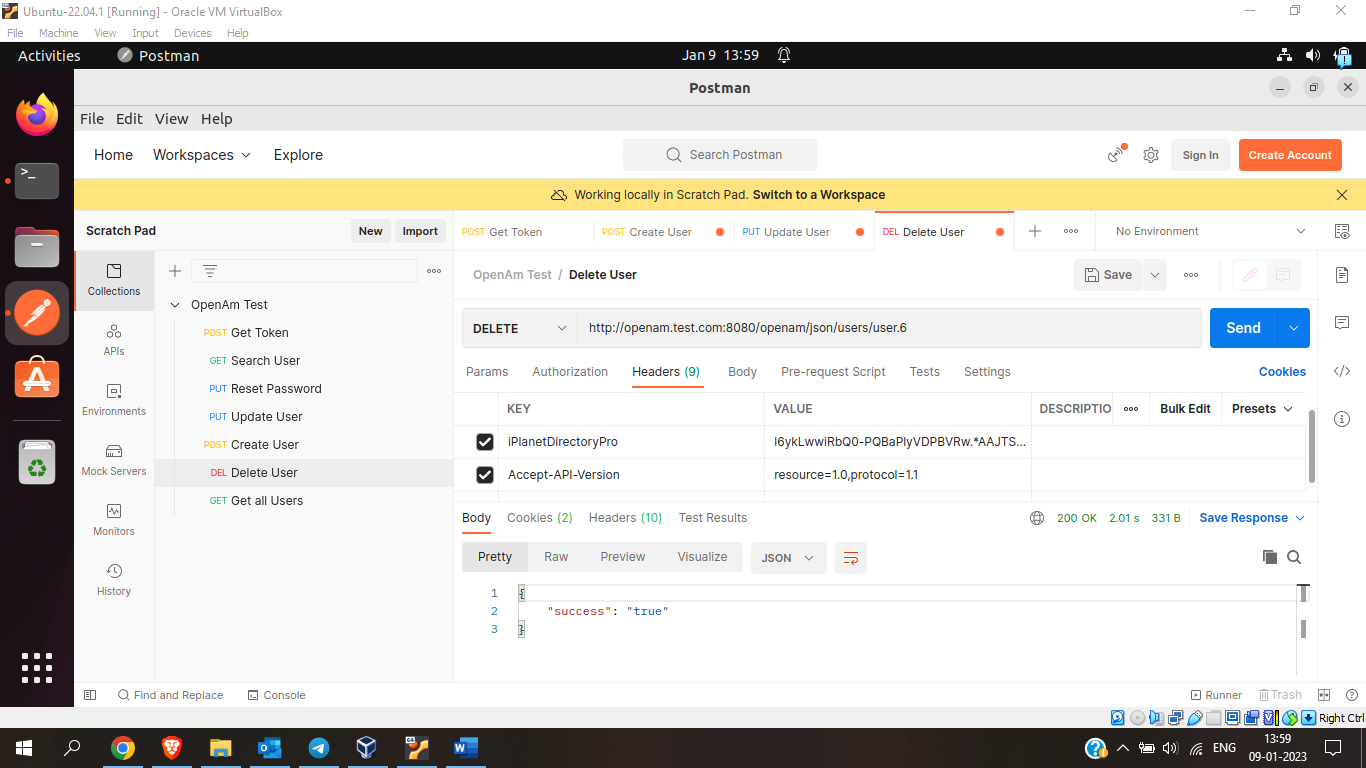
Sample Response:

{

“success”: “true”

}

Sample Screenshot:



**Get All Users API:**

Request Type: Get

URL: <Your OpenAM URL>/json/users?\_queryID=\*

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| iPlanetDirectoryPro | < Your Login tokenId > |

Sample Response:

{

"result": [

{

"\_id": "user.1",

"\_rev": "-1035524114",

"username": "user.1",

"realm": "/",

"uid": [

"user.1"

]

……..

…….

…….

{

"\_id": "user.0",

"\_rev": "2036963272",

"username": "user.0",

"realm": "/",

"uid": [

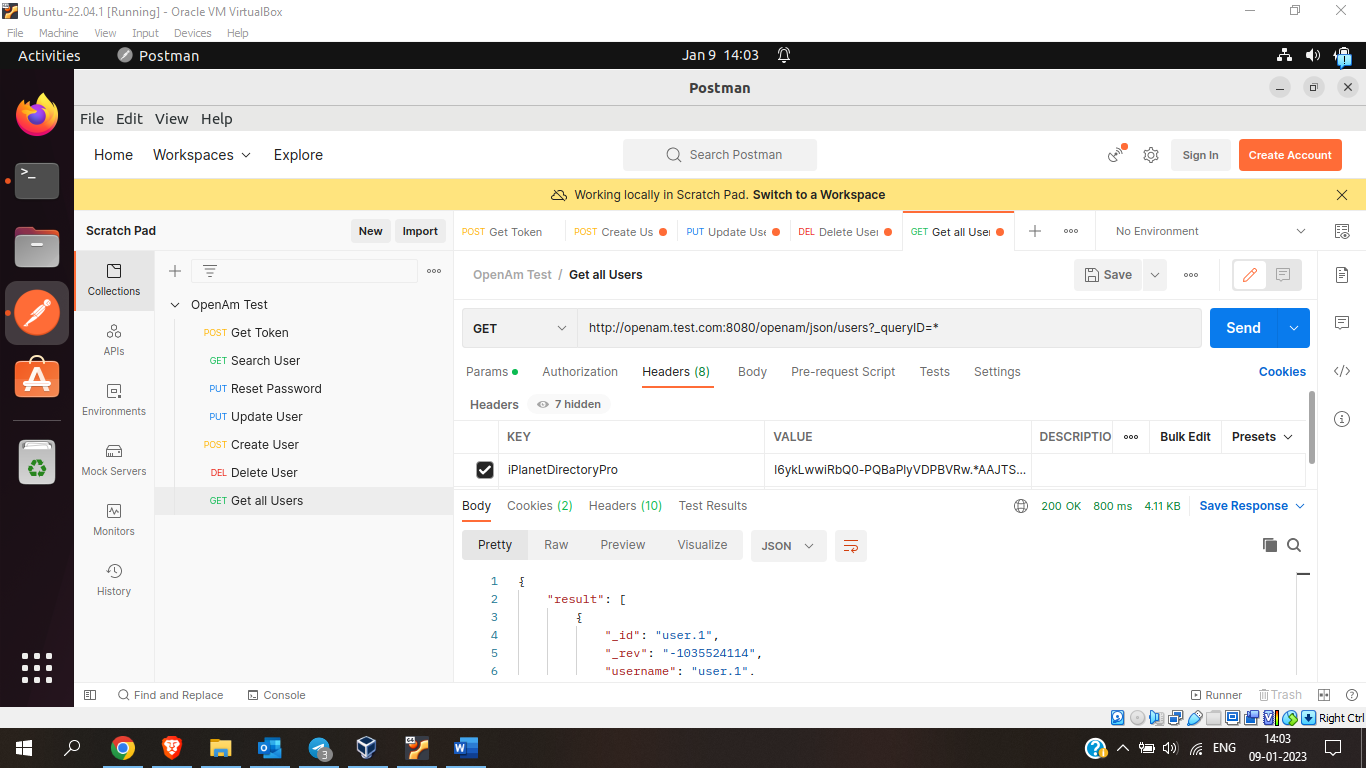
"user.0"

],

……

……..

Sample Screenshot:



**Update User API:**

Request Type: PUT

URL: <Your OpenAM URL>/json/users/<username>

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| iPlanetDirectoryPro | < Your Login tokenId > |
| Content-Type | Application/json |
| Accept-API-Version | resource=1.0,protocol=1.1 |

Sample Body:

{

"userpassword": "Welcome@2"

}

Sample Response:

{

"username": "user.5",

"realm": "/",

"uid": [

"user.5"

],

…….

…….

…….

"modifyTimestamp": [

"20230109081619Z"

],

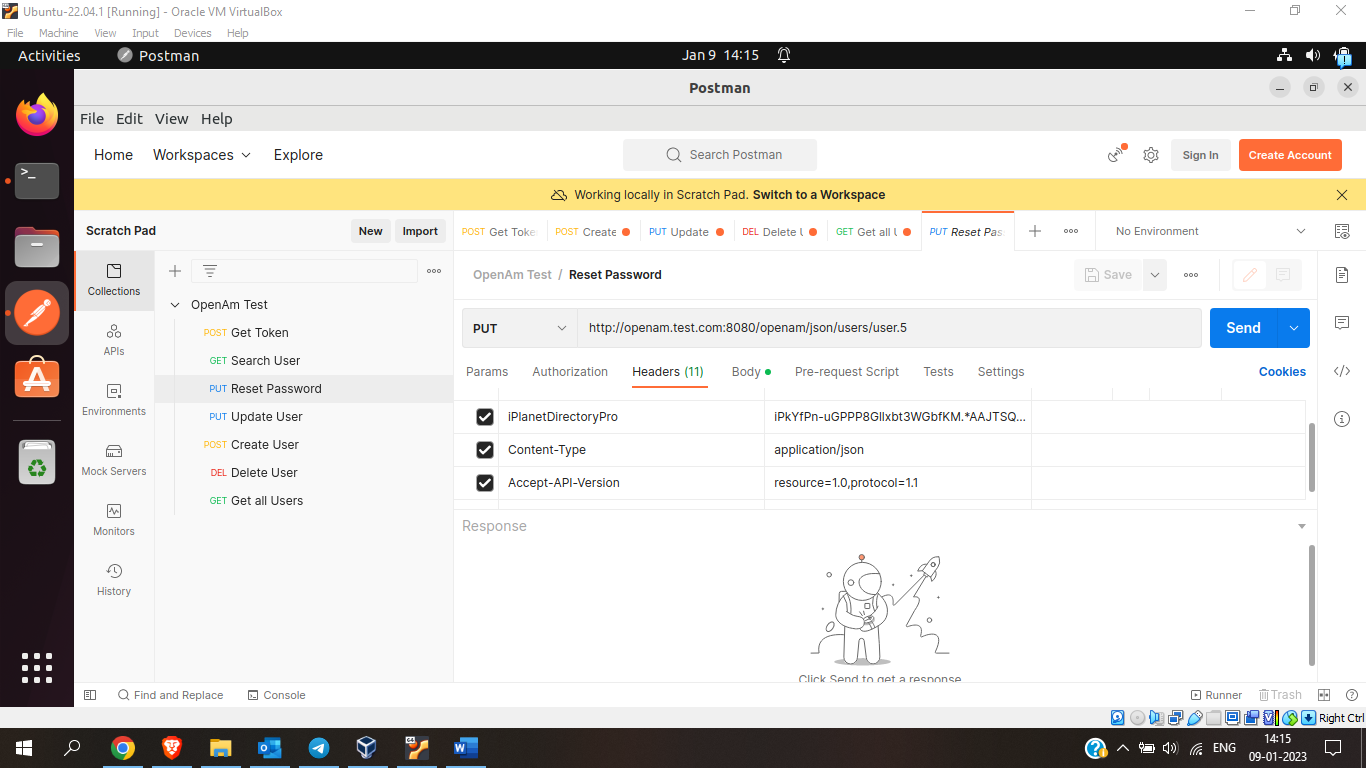
"createTimestamp": [

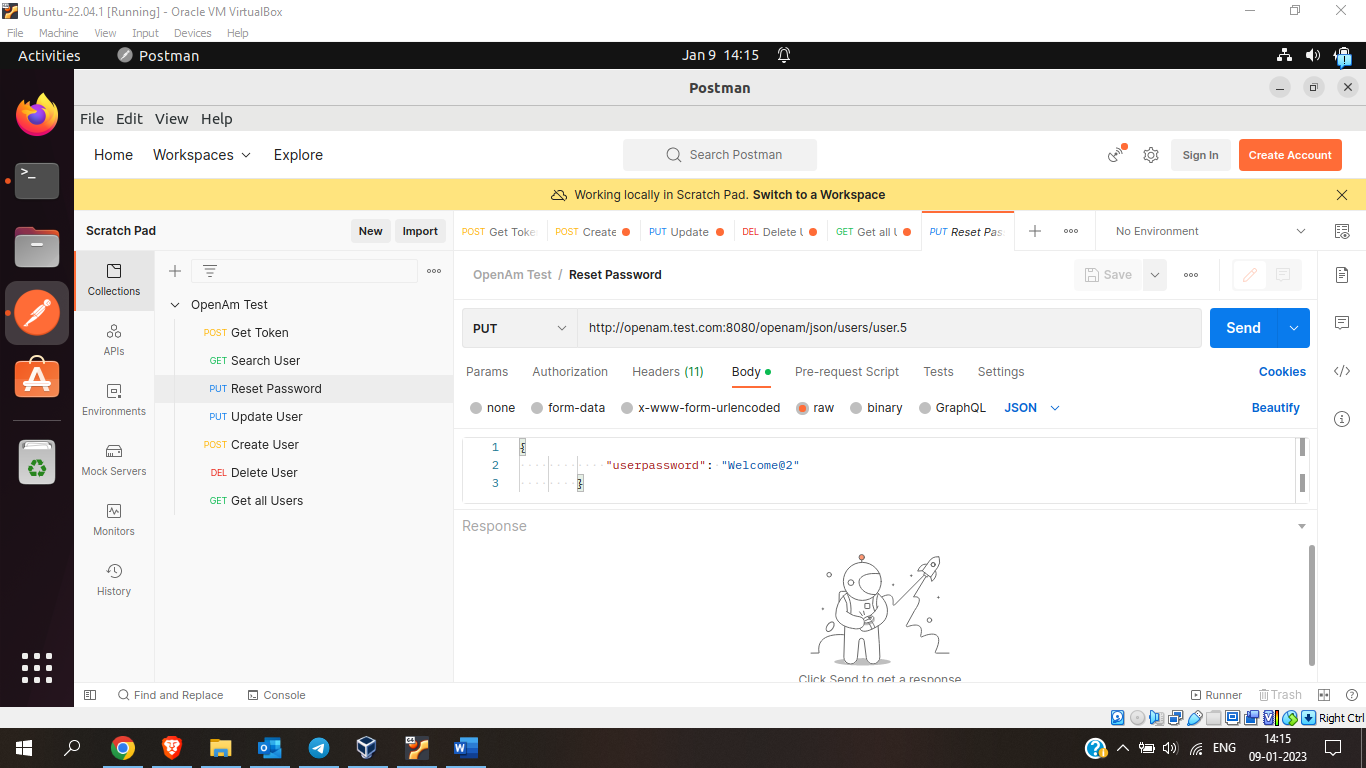
"20230109080854Z"

]

}

Sample Screenshot:





**Logout API:**

Request Type: POST

URL: <Your OpenAM URL>/json/sessions?\_action=logout

Headers:

|  |  |
| --- | --- |
| **KEY** | **VALUE** |
| iPlanetDirectoryPro | < Your Login tokenId > |
| Content-Type | Application/json |
| Accept-API-Version | resource=1.0,protocol=1.1 |

Sample Response:

{

"result": "Successfully logged out"

}

Sample Screenshot:

