

Unable to create a new user using keycloak: 403 unknown_error

Asked 4 years ago Modified 4 years ago Viewed 5k times



5



This question has been asked before but none of the solutions has worked for me. I've created a bash script to register a new user on my key cloak server. The bashscript is shown below:

```
#!/bin/sh
RESULT=$(curl -s --location --request POST
'http://localhost:8180/auth/realms/master/protocol/openid-connect/token' --header
'Content-Type: application/x-www-form-urlencoded' --data-urlencode
'grant_type=client_credentials' --data-urlencode 'client_id=admin-cli' --data-
urlencode 'client_secret=12345678-12a3-1234-bc12-d12345678910');
TOKEN=$(echo ${echo "$RESULT" | jq .access_token})
TOKEN=$(echo "${TOKEN//\"/}")
echo "$TOKEN\n\n"
USER=$(curl --location -v --request POST
'http://localhost:8180/auth/admin/realms/MyMarketplace/users' --header 'Content-
Type: application/json' --header "Authorization: Bearer $TOKEN" --data-raw
'{"enabled": "true", "username": "app-user"}');
echo $USER;
```

When I run this script, I keep getting the following output:

```
HTTP/1.1 403 Forbidden
< Connection: keep-alive
< X-XSS-Protection: 1; mode=block
< Strict-Transport-Security: max-age=31536000; includeSubDomains
< X-Content-Type-Options: nosniff
< X-Frame-Options: SAMEORIGIN
< Content-Type: application/json
< Content-Length: 25
< Date: Fri, 17 Jul 2020 20:11:40 GMT
<
{ [25 bytes data]
100   66 100   25 100   41   974   1597 --:--:-- --:--:-- --:--:-- 1640
* Connection #0 to host localhost left intact
{"error": "unknown_error"}
```

I'm not sure why. Here's what I've tried:

- I've made sure that the URL that I'm sending the request to is correct.
- I've made sure that the username is unique and that I've provided all mandatory fields.
- In the MyMarketplace realm, I added a realm role 'admin' with a client role 'manage-users' from client 'realm-management' and I assigned this realm role to my client's scope (as per the steps given in [this](#) answer)
- In the Master realm, I assigned the manage-users role to the client `admin-cli`'s scope.

None of these has yielded any results so I've run out of options. I would greatly appreciate it if someone could help me understand what I'm missing.

keycloak

Share Edit Follow

edited Jul 17, 2020 at 20:27

asked Jul 17, 2020 at 20:20



W.K.S

9,985

15

76

125

2 Answers

Sorted by: Highest score (default)



4



use `http://localhost:8180/auth/realms/MyMarketplace/protocol/openid-connect/token` to obtain `access_token` and give `admin-cli` client `manage-users` role from `realm-management` client in `Service Account Roles` and then call `http://localhost:8180/auth/admin/realms/MyMarketplace/users` with access token in header and `"enabled": true, "username": "user"` body. make sure your enabled boolean look like this one and dont use `""` I think keycloak reads your request as String. I think it will fix your problem.

Share Edit Follow

answered Jul 18, 2020 at 11:52



Armin Ghavidel

74

4



1



Use and configure `admin-cli` client as you did, but in `MyMarketplace` realm. Don't use the `master` realm.

Share Edit Follow

answered Jul 17, 2020 at 20:49



Jan Garaj

27.5k

3

46

68

Thanks! I updated the first request to use the `MyMarketplace` realm and I've configured `admin` cli the same way (assigning it the `manage-users` client role from `realm-management`). I also updated the `client_secret`. After doing all that, I still get the same error. – W.K.S Jul 17, 2020 at 20:59

@W.K.S time to check Keycloak logs to see what `unknown_error` means. Probably some null pointer, maybe some field in the payload are missing. – Jan Garaj Jul 18, 2020 at 8:26

You're right, it was a null pointer exception. The request body wasn't being parsed because my `content-length` was not being sent. The request MUST include `Content-Length` , `Content-Type` and `Host` . The `Content-Type` must be `application/json` . – W.K.S Jul 18, 2020 at 12:06

