cannot create user in the keycloak. Getting 403 status

Asked 6 years, 3 months ago Modified 2 years, 11 months ago Viewed 23k times



I am trying to access the create a user in the keycloak programmatically. But I am getting 403 as a status code. I am following the below link.



https://technology.first8.nl/programmatically-adding-users-in-keycloak/



Can anyone help me? Thanks In advance



I have using the following code to create user



```
Keycloak kc = Keycloak.getInstance(
         "http://{server name}:8080/auth",
         "{realm name}", // the realm to log in to
         "{useraname}",
         "{password}", // the user
         "{client id}",
         "{client secret key}");
CredentialRepresentation credential = new CredentialRepresentation();
credential.setType(CredentialRepresentation.PASSWORD);
credential.setValue("test123");
UserRepresentation user = new UserRepresentation();
user.setUsername("codeuser");
user.setFirstName("sampleuser1");
user.setLastName("password");
user.setCredentials(Arrays.asList(credential));
user.setEnabled(true);
Response result = kc.realm("{realm name}").users().create(user);
```

response.status is coming as 403

java keycloak keycloak-services

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edited Mar 27, 2018 at 11:37



4 Answers

Sorted by: Highest score (default)

\$



I faced the same issue. This is how i fixed it.

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1. Create a role that has at least a realm-management role of manage-users

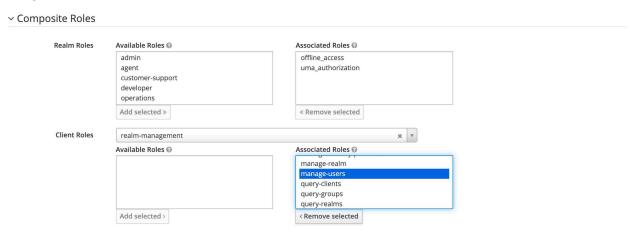




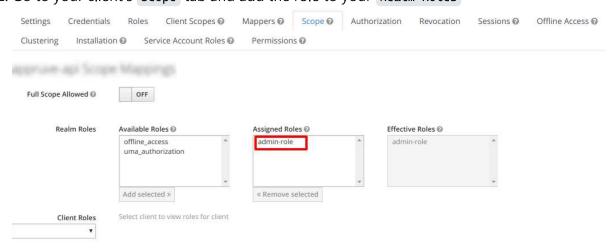


~ Composite Roles Realm Roles Available Roles @ Associated Roles @ offline_access uma_authorization Add selected » « Remove selected Client Roles Available Roles @ Associated Roles @ realm-management ▼ manage-users manage-identity-providers manage-realm query-clients query-groups query-realms Add selected > < Remove selected

UI update for server 9.0.2



2. Go to your client's Scope tab and add the role to your Realm Roles



edited Apr 12, 2020 at 12:01

answered Nov 21, 2018 at 11:52



This works for me with KC server 3.4.0.Final and the same version of admin client; fwiw the Gradle stanzal have is compile group: 'org.keycloak', name: 'keycloak-admin-client', version: '3.4.0.Final' - user3456014 Jan 24, 2019 at 9:43

stackoverflow.com/questions/60359979/... explained better. - Lakmal Vithanage Jul 26, 2022 at 12:39



I faced the same issue with KeyCloak 9.0.3. What finally worked for me was:



1. Use the admin-cli client with client credentials on the target realm (where I am trying to create the user)









I am not sure why, but using the admin client on the master realm simply did not work for me.

- 2. Set up the admin-cli client in the target realm with the role as mentioned in the correct answer above.
- 3. In addition to adding the new role to Scope, I also had to add the role to Service Account Roles.

BTW client credentials access token is not even mentioned as an option in the Admin Rest API docs for Keycloak 9.0.3, but it does work.

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realm-management

answered Aug 10, 2020 at 18:34



"I also had to add the role to Service Account Roles" +1 - Paul EDANGE Feb 25, 2022 at 12:20



If you are not using admin user from master realm.



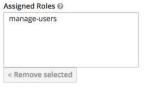
You need to assign proper roles like manage-users role from realm-management client for the user which you are using to get instance the instance of Keycloak.













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answered Mar 28, 2018 at 0:14



I have assigned the roles as shown above still I am getting the status as forbidden – Programmer Mar 28, 2018 at 5:07

Can you find the error message using ErrorRepresentation error = response.readEntity(ErrorRepresentation.class); error.getErrorMessage() – ravthiru Mar 28, 2018 at 5:31

RESTEASY003145: Unable to find a MessageBodyReader of content-type / and type class org.keycloak.representations.idm.ErrorRepresentation this exception occurs when I add the above line of code – Programmer Mar 28, 2018 at 5:55

You need to have resteasy-jackson2-provider jar in your dependency - ravthiru Apr 3, 2018 at 8:03



If you use Service Accounts to authenticate, you need to add roles of precedent answer in the tab Service Accounts Roles













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answered Aug 16, 2021 at 23:58

