Module-6: Docker Enterprise Edition

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edureka!

edureka!

DEMO-2: Access Control using UCP

Note: All commands are executed as root.

Note: In this example we will create an organization, a team in the organization, a user in team and create a specific role for the team to access and create containers and then bind it with the team subject.

1. Click on **Users** under **Access Control** in UCP and create a new user by clicking the Create button. Fill in the required details (Do not grant this user the admin privileges)

Create User   ×

Details

Newly added users will automatically be added to the "docker-datacenter" organization; this organization does not have any priviledges. These users will have restrictedcontrol to their own private collections.

Username
ezio23
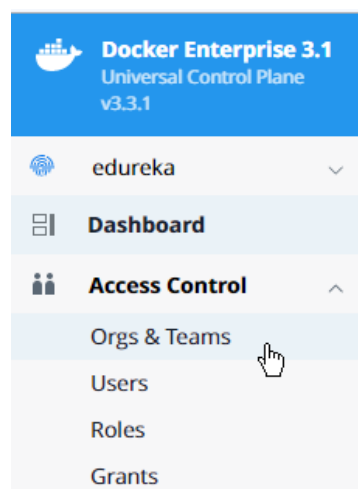
Password
········   👁

Full Name
Ezio Auditore da Firenze

IS A DOCKER ENTERPRISE ADMIN
⚫ No

Cancel   Create

2. Click on the **Orgs & Teams** under **Access Control**

Docker Enterprise 3.1
Universal Control Plane
v3.3.1

edureka ∨

Dashboard

Access Control ∧

Orgs & Teams

Users

Roles

Grants

3. Create a new organization by clicking on the **Create** button

1 Org(s)

Actions ⌄   Create

NAME ⌄

dc

Create Organization   ✕

Organizations may have multiple Teams with differing permissions.

Organization Name

edureka-dev

Cancel   Create

4. Click on the newly created organization and create a new team by clicking on the **+** button in the top right corner

< **Orgs**   ⋮   +

edureka-dev   Create Team

0 Team(s)

Create Team   ✕

Details

Team Name

dev

Description

development team

Cancel   Create

5. Now, select the team and add the newly created user to it by clicking on the **+** icon at the top right corner

6. To create a new swarm role specific for this team, click on **Roles** under **Access Control** -> **Swarm** -> **Create**

Give the role the desired name and then in the operations section choose the required permissions for the role
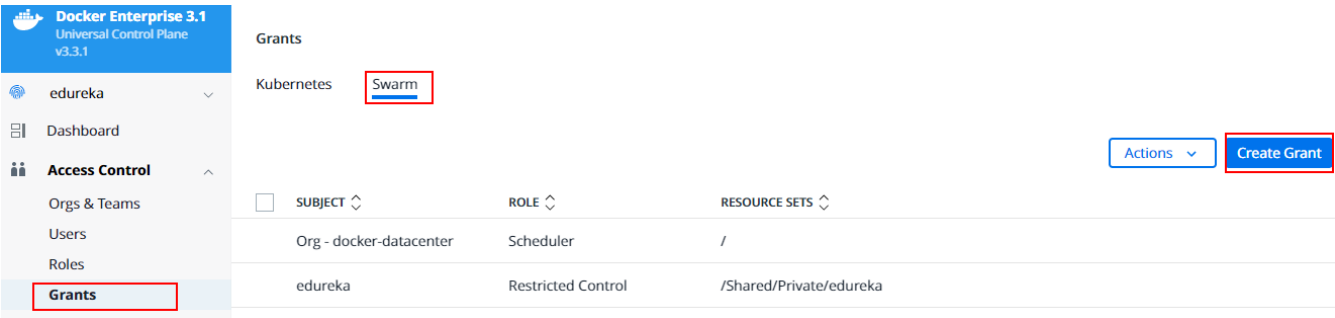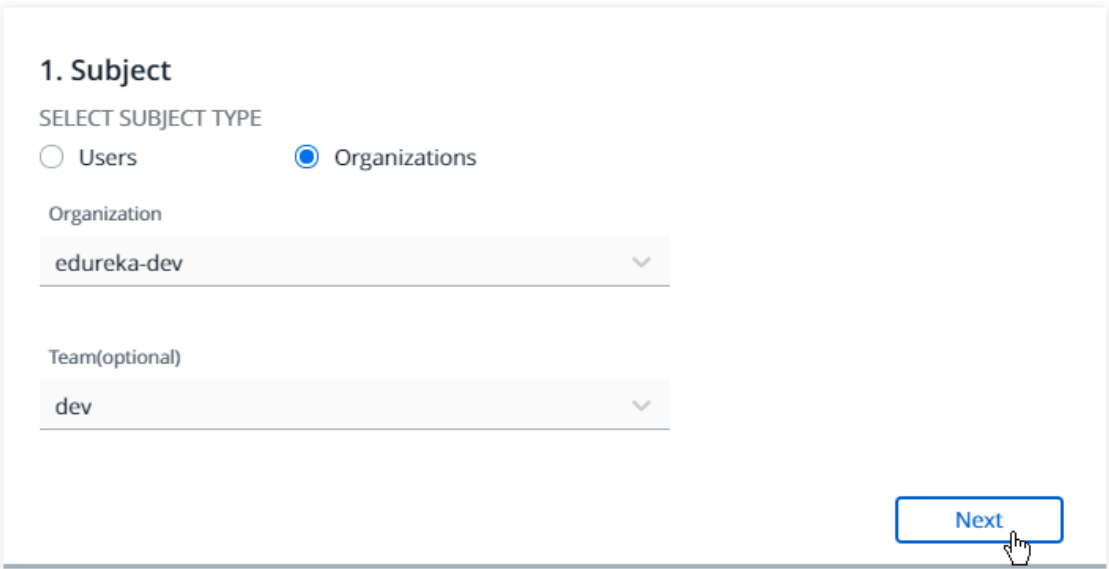
You can check the role details by clicking on it
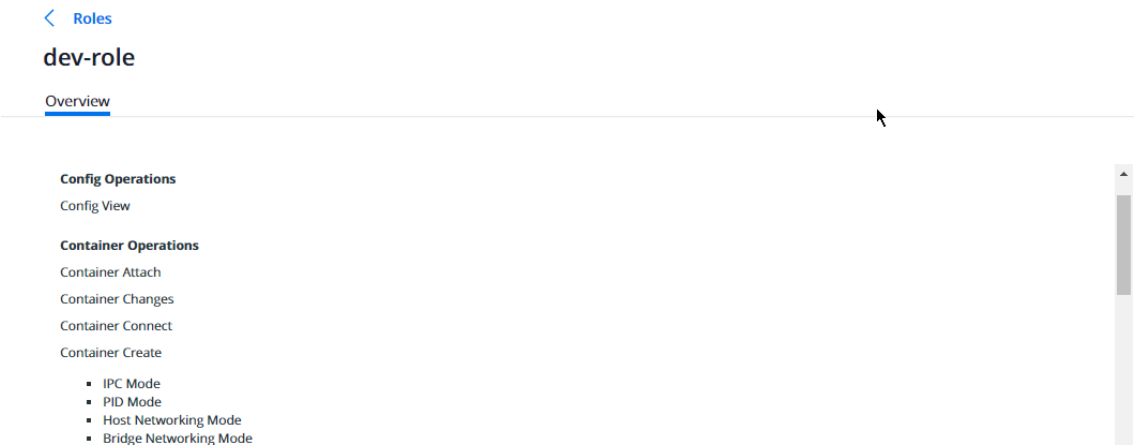
7. Browse to **Access Control** -> **Grants** -> **Swarm** and click on **Create Grant** button

8. Select the subject to apply the role on. In this case, select the newly created Organization and the Team

Select the Resource Set. In this case, we will select the Shared collection under Swarm

2. Resource Set

Collections / Swarm

NAME		
Shared	View Children	Select Collection
System		

Finally, select the newly created Role for the subjects and click on Create

3. Role

Select role type

dev-role ⌄

Cancel   Create

We can see that the grant has been created

Grants

Kubernetes   **Swarm**

	SUBJECT ⌃⌄	ROLE ⌃⌄	RESOURCE SETS ⌃⌄
	Org - docker-datacenter	Scheduler	/
	edureka	Restricted Control	/Shared/Private/edureka
	edureka	Scheduler	/Shared
	edureka	Full Control	/
	Team - dev	dev-role	/Shared