Create Project and Launch VM

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Create Project and Launch VM

The information provided in this section is generic to OpenStack and it is provided here for your convenience with the exception of ConfigProfile, which is DFA specific.

Known Caveats

The following are known caveats when you are creating a project and launching VM:

- Do not put hyphens in the project name.
- The Bulk Create and Delete functionality of VMs is not completely supported. (Refer the Known Limitations and Caveats section.)
- Do not give space for a network name or project name or a VM name.

Steps to Create a Project

Take the following steps to create a project:

1. Login to Horizon using the following username and password:
   ```
   username: admin
   password: cisco 123
   ```
2. Click Projects and then Create Project.

3 Enter a name for the project.

Note Do not use hyphens in the project name.

4 Click Create Project.

Steps to Create a User for the Project

Take the following steps to create a user for the project:

1 Click Users.

2 Click Create User.

3 Fill in all the fields, select the project you just created and select the role as admin

Note The network information will not be populated to DCNM correctly, if you fail to specify the role as admin.

Steps to Create the Network

Take the following steps to create the network:

1 Login as the user you created in the "Steps to Create a User for the Project" section.

2 Click the Project tab.

3 Click Networks and click Create Network.

4 Specify a name for the network and click the Subnet tab.

Note Steps 3 and 4 are mandatory.

5 Specify a network address for the subnet.

6 Click the Subnet Detail tab and leave the Enable External DHCP option checked if External DHCP instead of static IP address, for VM to be used.

7 Click the CiscoDFA tab, It gives you a new window, and then select the config profile from the pull-down menu.

The other parameters specified in this window is for Cisco's Prime Network Service Controller (PNSC) integration.

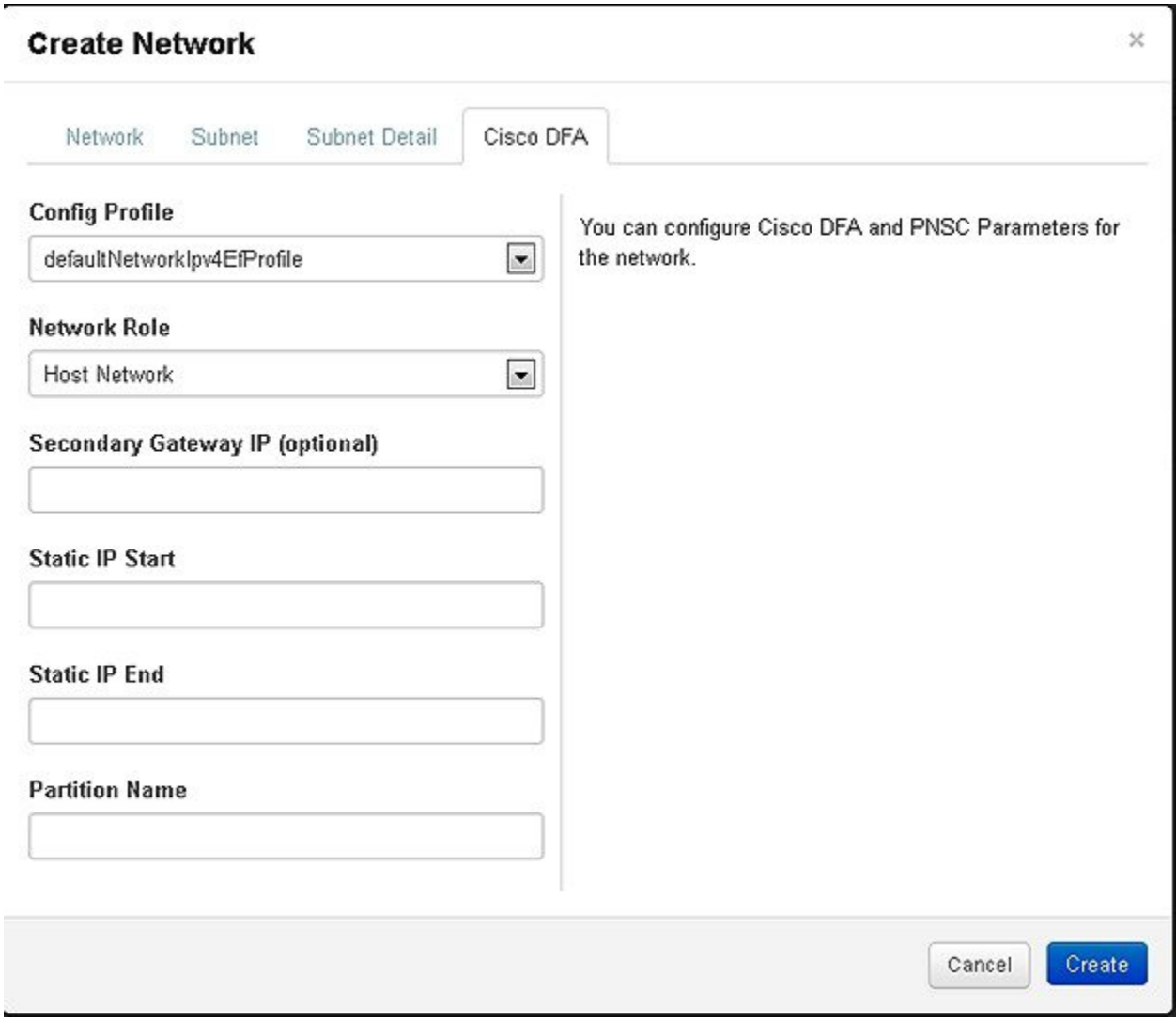
Without service, make sure you select the basic non service related profiles:

- defaultNetworkIpv4EFProfile
- defaultNetworkIpv4TfProfile
- defaultNetworkdefaultPartitionIpv4TfProfile

- defaultNetworkdefaultPartitionIpv4EfProfile
- defaultNetworkL2Profile

Then select Network Role "Host Network," as shown below.

Figure 1: Create Network Screen



Steps to Launch the VM

Take the following steps to launch the VM:

1. Click Instances and then click Launch Instance.
2. Click the Image drop-down menu and select the image.

There will be cirros image by default.

3. Specify a name for the Instance.
4. Click the Networking tab and select the network from the Available network list.
5. Click Launch.