How to manage Private Networks, Subnets and Static IP addresses in mCloud

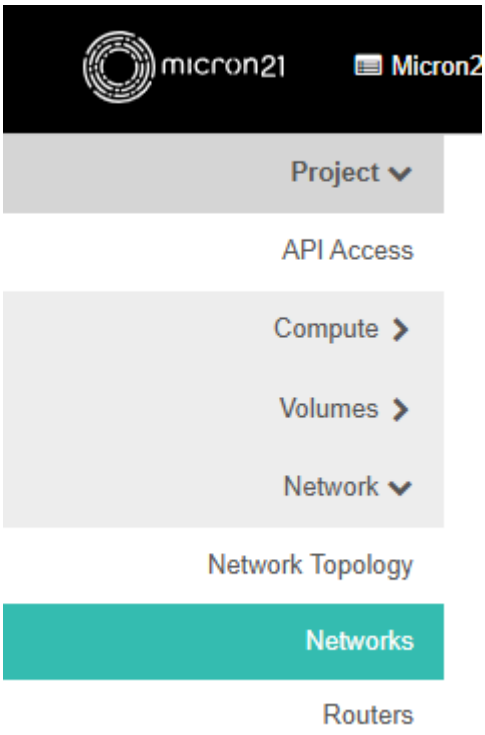
Vincent (Vinnie) Curle - 2025-01-17 - mCloud

This guide details steps on how to view existing Public and Private networks you have access to, as well as how to manage your Private Subnets and Static IP addresses from the mCloud Dashboard.

View networks that have been configured:

1. Log into mCloud here: https://mcloud.micron21.com

2. Navigate to Project > Network > Networks



1.

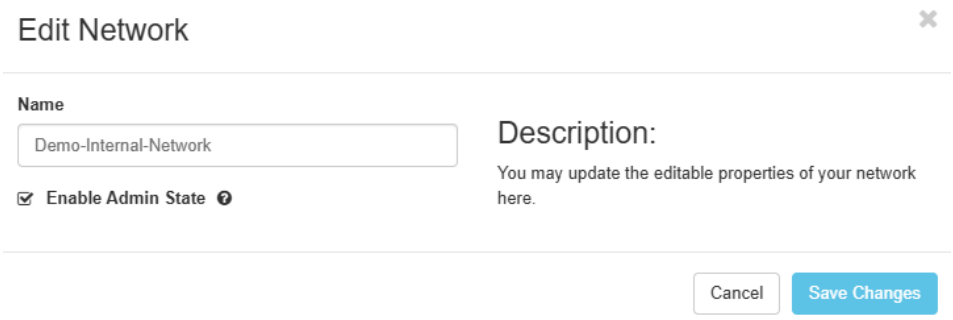
3. Here you will be able to see any networks you have access to, including public networks you have access to, and private internal networks.

    1. From this page, you can create new private networks, for more information on how this can be done please see the guide linked below: https://support.micron21.com/kb/articles/375-how-to-create-a-new-private-network-in-mcloud

4. Editing a private network allows you to rename, and disable/enable the network

    1. You can edit private networks

2. You cannot edit public networks

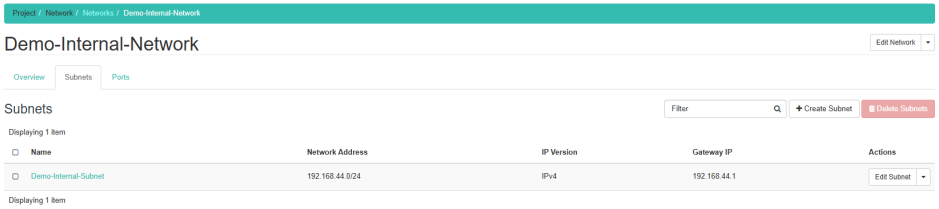


3.

Manage your Private Subnets:

1. Click into the Private Network you'd like to manage and navigate to the 'Subnets' Tab

    1. From this Tab, you can manage, add and delete subnets associated with this private network



2.

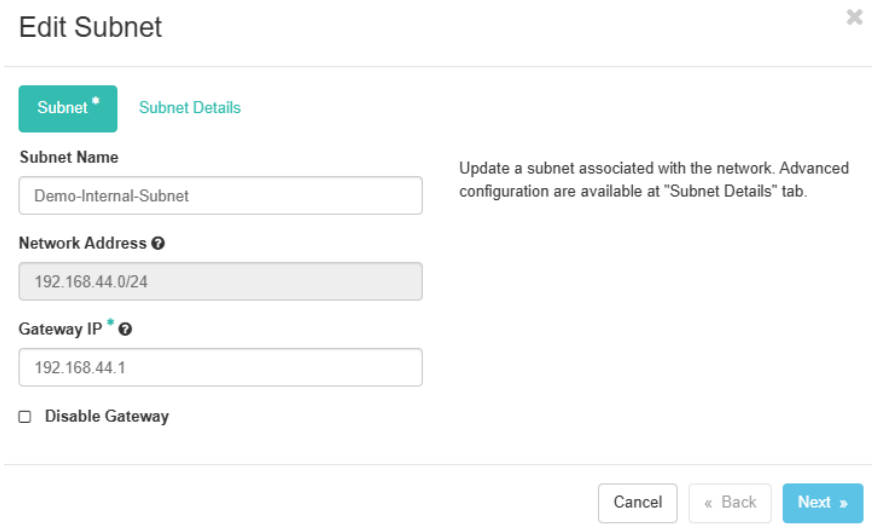
2. By Clicking 'Edit Subnet' you can rename the subnet, and change other IP details, including:

    1. Gateway

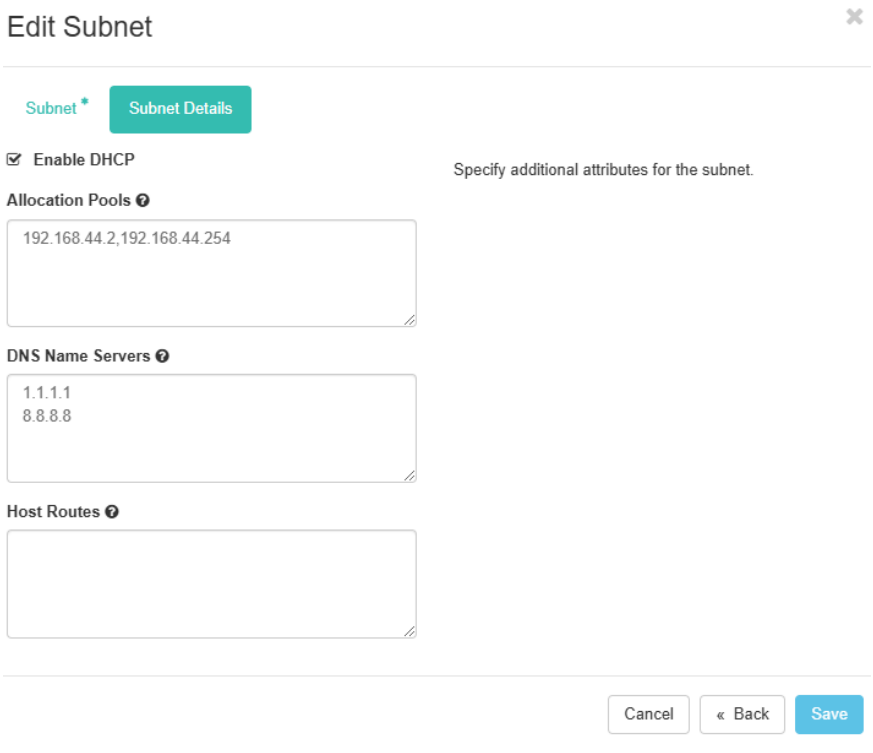
    2. IP Allocation Pool for instances and Network Devices

    3. DNS Name Servers

    4. Static Route

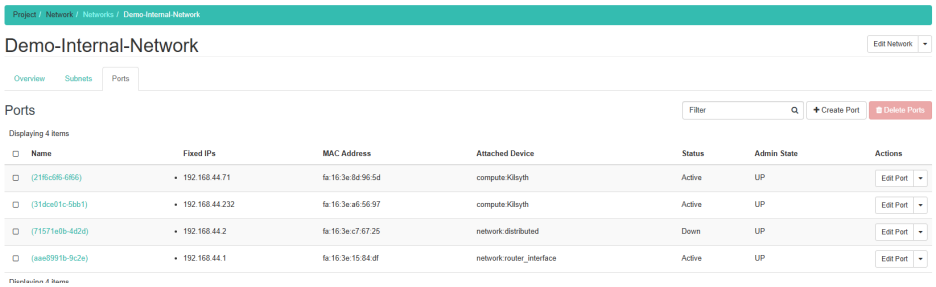


    1.

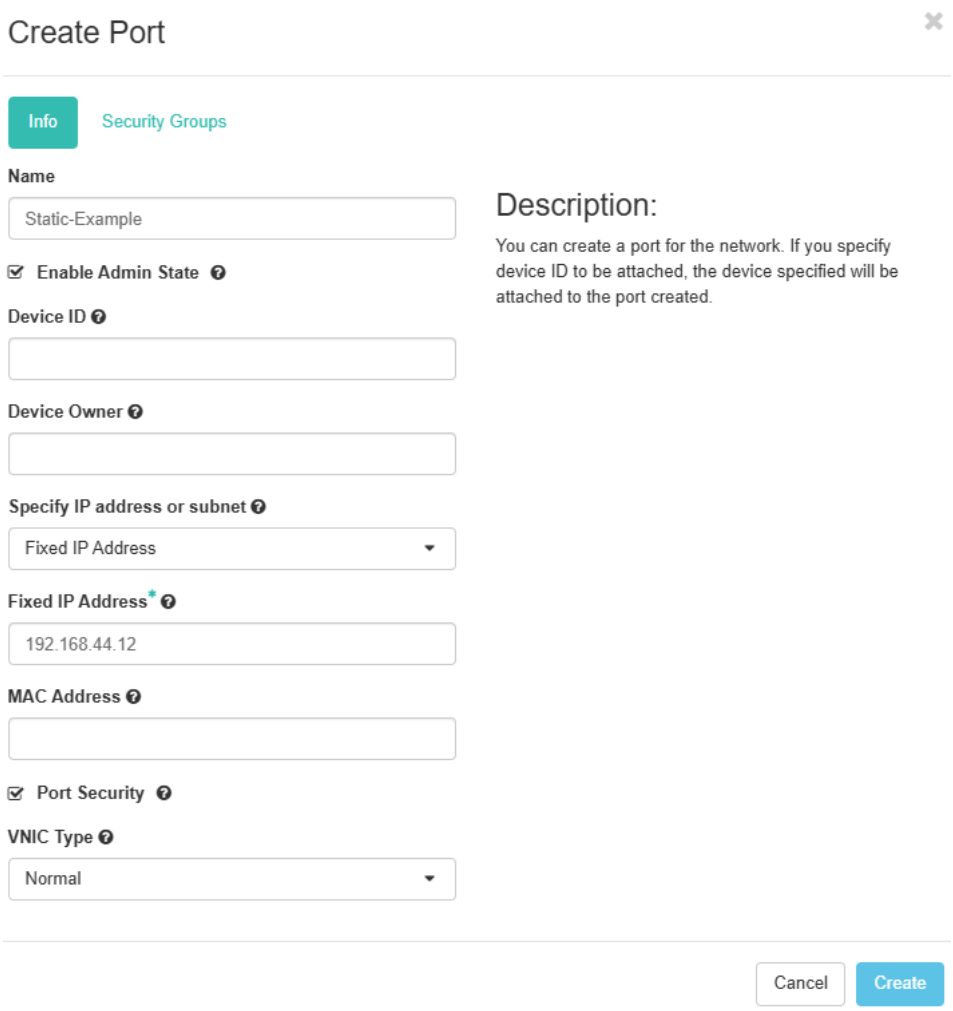
2. 

Creating a new Static IP for an Instance:

1. Click into the Private Network you'd like to allocate a static IP with and navigate to the 'Ports' tab

1. 

2. Click "Create Port"
3. Enter the following details as required:
    1. Name:
    2. Specify the IP address or Subnet
        1. Use Fixed IP address for a Static IP
        2. Use Subnet to let mCloud set automatically
    3. Click Create

4. 

4. This newly created port can now be attached to a new or existing VM, providing this IP address to it.