



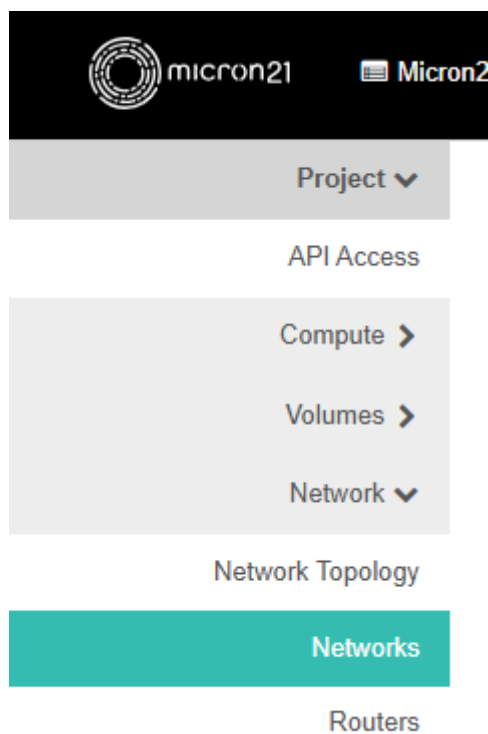
How to manage Private Networks, Subnets and Static IP addresses in mCloud

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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-net-work-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

Edit Network ✕

Name

Description:
You may update the editable properties of your network here.

Enable Admin State ⓘ

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

Project / Network / Networks / Demo-Internal-Network

Demo-Internal-Network Edit Network

Overview Subnets Parts

Subnets Filter + Create Subnet Delete Subnets

<input type="checkbox"/>	Name	Network Address	IP Version	Gateway IP	Actions
<input type="checkbox"/>	Demo-Internal-Subnet	192.168.44.0/24	IPv4	192.168.44.1	Edit Subnet

Displaying 1 item

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

Edit Subnet



Subnet * Subnet Details

Subnet Name

Demo-Internal-Subnet

Update a subnet associated with the network. Advanced configuration are available at "Subnet Details" tab.

Network Address

192.168.44.0/24

Gateway IP

192.168.44.1

Disable Gateway

Cancel « Back Next »

1.

Edit Subnet



Subnet * Subnet Details

Enable DHCP

Specify additional attributes for the subnet.

Allocation Pools

192.168.44.2,192.168.44.254

DNS Name Servers

1.1.1.1
8.8.8.8

Host Routes

Cancel « Back Save

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

The screenshot shows the 'Ports' tab for the 'Demo-Internal-Network'. It displays a table with 4 items, each representing a port configuration. The table has columns for Name, Fixed IPs, MAC Address, Attached Device, Status, Admin State, and Actions.

Name	Fixed IPs	MAC Address	Attached Device	Status	Admin State	Actions
(215c695-895)	• 192.168.44.71	fa:16:3e:8d:96:5d	compute-K8lyth	Active	UP	Edit Port
(31dca01c-5bb1)	• 192.168.44.232	fa:16:3e:a6:56:97	compute-K8lyth	Active	UP	Edit Port
(71571e0b-4d2d)	• 192.168.44.2	fa:16:3e:c7:67:25	network-distributed	Down	UP	Edit Port
(aa8991b-3c2a)	• 192.168.44.1	fa:16:3e:15:84:d1	network-router_interface	Active	UP	Edit Port

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

Create Port ✕

InfoSecurity Groups

Name

Enable Admin State ⓘ

Device ID ⓘ

Device Owner ⓘ

Specify IP address or subnet ⓘ

Fixed IP Address▼

Fixed IP Address ⓘ

MAC Address ⓘ

Port Security ⓘ

VNIC Type ⓘ

Normal▼

CancelCreate

4.

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