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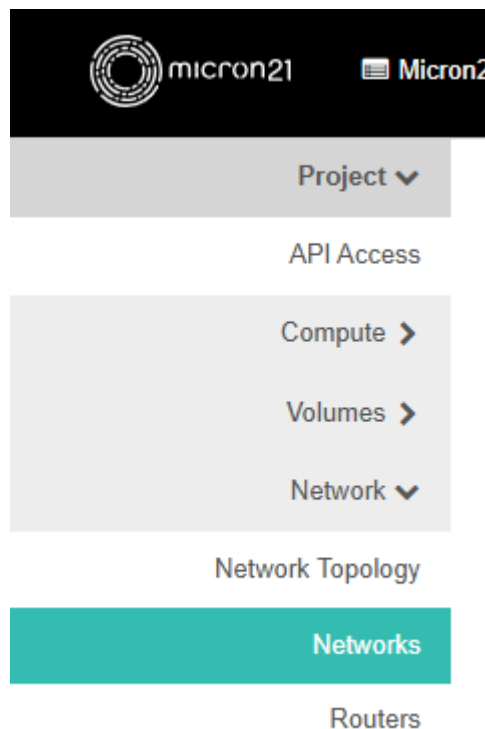
# How to manage Private Networks, Subnets and Static IP addresses in mCloud

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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-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

### Edit Network

**Name**

Demo-Internal-Network

☒ Enable Admin State

**Description:**

You may update the editable properties of your network here.

Cancel

Save Changes

- 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

Ports

**Subnets**

Filter

+ Create Subnet

Delete Subnets

Displaying 1 Item

<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	<div>Edit Subnet</div>

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

**Network Address**

192.168.44.0/24

**Gateway IP** \* 

192.168.44.1

☐ Disable Gateway

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

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

Project / Network / Networks / Demo-Internal-Network

Demo-Internal-Network Edit Network

Overview Subnets Ports

Ports Filter Create Port Delete Ports

Displaying 4 items

<input type="checkbox"/>	Name	Fixed IPs	MAC Address	Attached Device	Status	Admin State	Actions
<input type="checkbox"/>	(216cd96-6866)	• 192.168.44.71	fa 16:3e:8d:96:5d	compute-K8ayth	Active	UP	<span>Edit Port</span>
<input type="checkbox"/>	(31dad01c-5bb1)	• 192.168.44.232	fa 16:3e:a6:56:97	compute-K8ayth	Active	UP	<span>Edit Port</span>
<input type="checkbox"/>	(71571a0b-4d2d)	• 192.168.44.2	fa 16:3e:c7:67:25	network-distributed	Down	UP	<span>Edit Port</span>
<input type="checkbox"/>	(aae8991b-9c2e)	• 192.168.44.1	fa 16:3e:15:04:d7	network-router_interface	Active	UP	<span>Edit Port</span>

Displaying 4 items

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



Info

Security Groups

Name

Static-Example

☒ Enable Admin State ?

Device ID ?

Device Owner ?

Specify IP address or subnet ?

Fixed IP Address\* ?

MAC Address ?

☒ Port Security ?

VNIC Type ?

Description:

You can create a port for the network. If you specify device ID to be attached, the device specified will be attached to the port created.

Fixed IP Address

192.168.44.12

Normal

Cancel

Create

4.

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