



Purpose: How to create the Port Mapping List.

From the Port Location menu, select Add.

Add a Port-Location

Location ⓘ If you plan on using a **PMS interface**, please make sure that the Location field consists of numbers only.

Port (e.g. VLAN ID)

Description ⓘ If you plan on using **DHCP Relay** with **Relay Agent Information** enabled, then this **Description** will be relayed to the DHCP server too, as part of subscriber requests.

Provide DHCP Service ⓘ

Subnet Has no effect unless the **DHCP service feature** is enabled

Default Group Bandwidth Management Policy ⓘ Has no effect unless the **Group Bandwidth Policies** is enabled

Max Up Bandwidth (Kbps) ⓘ value must be the range 1 to 10000000

Max Down Bandwidth (Kbps) ⓘ value must be the range 1 to 10000000

Default QoS Policy ▼

Default CBQ Class ▼

State

No Charge (Authorization not needed)

Blocked

Charge for Use (Authorization is required) ⓘ

Internally-authorized subscribers ⓘ Any users at this location who are pre-authorized by a **Subscriber Profile** do not need any further billing methods specified.

Enable Facebook Login

Enable RADIUS Billing

Enable PMS Billing

Enable PayPal Billing

Billing plan(s) available on port ⓘ At least one plan must be selected when **Facebook**, **PMS**, or **PayPal** billing are enabled.

All plans

No plans

Specific plans

Plan A

Plan B

Allow Intra-port communication



Mandatory:

1. Location is the information that is passed to the PMS and how the PMS will identify the room to a one-way PMS interface.
2. Port is the number of the VLAN tag or Port number listed through the SNMP Query.

Optional

3. Description filed could be any desired message.
4. Subnet is the field which you point to the subnet based DHCP pool by typing the IP address of the subnet. By default this field set to 0.0.0.0.
5. State determines if the subscribers through the Port will be given free access, blocked or charged for use.

New Features

6. Configure Group Bandwidth Management to share the maximum limits for all guests in the VLAN.
7. Use QoS Policy or CBQ class
8. Select which types of billing plan will be used for subscribers connecting through this port. Multiple types can be selected. You must make sure this feature is active should your license support it. On the Configuration menu select AAA and make sure Port- based billing policies is checked enabled
9. Intra-port communication allows devices to communicate with each other on the same VLAN by preventing Nomadix to respond to ARP requests on behalf of the client machines.

Port-based billing policies Enable

Repeat this step for each room or VLAN ID.