



Purpose: To explain the different ways to change the port status in the Port Location table.

This document assumes that the Port Location table has already been created. Please refer to the document “How to create the Port Mapping List.pdf” on how to create this table.

Using the Web Interface

1) In the Web Interface, go to the Port Location menu and select List to display the table.

List Port-Location Assignments

Entry added or updated in the location file.

Location	Port	Description	State	Billing Modes*	Billing Plan	Subnet	Default QoS Policy
3	3		Charge	RAD,TUN,PMS,CC	All Plans	0.0.0.0	test
2	2		Charge	RAD,TUN,PMS,CC	All Plans	0.0.0.0	--

* RAD=RADIUS, TUN=TUNNEL, PMS=PMS, CC=Credit Card

2) Select the port you wish to change by clicking on its link in the Port column.

Process Port-Location Assignments

Location

Port

Subnet

Description

Default QoS Policy

State No Charge
 Blocked
 Charge for Use

Select the new State and click on Add/Update at the bottom of the screen to make the change.



State Descriptions:

No Charge = authentication, terms of use or portal page redirects are not displayed, traffic to the Internet is allowed

Blocked = all traffic is blocked, no screens are displayed

Charge for Use = authentication, terms of use, portal page redirects are displayed, user must complete the authentication process before Internet access is granted.

Using the Command Line Interface

In the command line interface there is not an option for Edit, you will use Add instead. To change the port status using the command line interface, login using telnet or a serial connection and go to the Port Location menu and select Add. If the port already exists, it will be updated with the information entered.

```
Enter port [0 ]: 2
Enter location [2 ]:
Enter subnet [0.0.0.0 ]:
Enter Default QoS policy :
Enter state (0=NoCharge 1=Charge 2=Blocked) [1]: 2
```

NOTE: The following billing policy parameters will have no effect unless the port-based billing policy feature is enabled. Also, each individual item has no effect unless the corresponding feature is enabled.

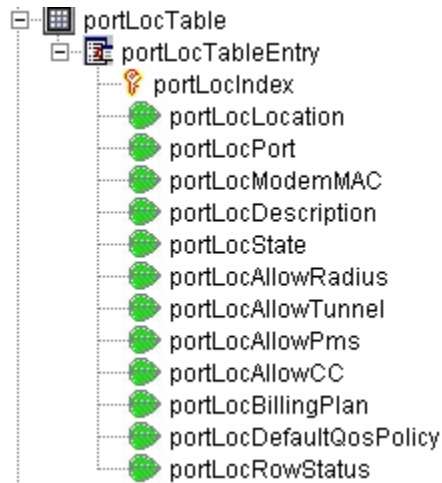
```
Enable RADIUS billing [disabled ]:
Enable Tunneling [disabled ]:
Enable PMS billing [disabled ]:
Enable Credit Card billing [disabled ]:
0 - All Billing Plans
1 - Plan A
2 - Plan B
```

```
Select the billing plan to allow on this port [0]:
Enter description [ ]:
Location file updated.
```



Using SNMP

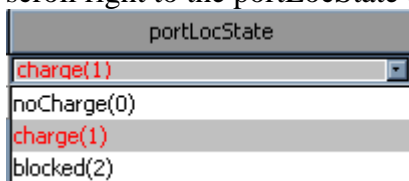
Open an SNMP Mib browser, go to
 .iso.org.dod.internet.private.enterprises.nomadix.products.hsg.portLoc.portLocTable



You will need view this as a table. Below is a portion of this table view.

portLocIndex	portLocLocation	portLocPort
1	2	2
2	101	101

If you wish to edit a port listing, find the port number in the portLocPort column and scroll right to the portLocState column and double click on the entry to change it.



0=No Charge
 1=Charge
 2=Blocked



Using XML

With XML, the command to change the room access is sent from an external server. The IP address of this server will need to be added in the Configuration/AAA screen in the XML interface section.

Authentication Authorization and Accounting Settings

AAA Services	<input checked="" type="checkbox"/> Enable
Logout IP:	<input type="text" value="1.1.1.1"/>
XML Interface	<input checked="" type="checkbox"/> Enable
XML SERVER 1 IP	<input type="text" value="10.10.10.10"/>
XML SERVER 2 IP	<input type="text" value="12.12.12.12"/>
XML SERVER 3 IP	<input type="text" value="0.0.0.0"/>

From the external server, a Room_Set_Access XML command will be sent to change the status of the port. **Note:** The Location value is used in the command not the VLAN (port) number of the switch port.

An example of the command being sent.

```
<USG COMMAND="ROOM_SET_ACCESS" ROOM_NUMBER="1234">  
<ACCESS_MODE>ROOM_OPEN</ACCESS_MODE>  
</USG>
```

The values for Access_Mode are: Room_Open, Room_Charge or Room_Block.

For further details on XML, please contact Nomadix Technical Support, support@nomadix.com and request the latest XML DTD.