



Configuring Port Test Parameters

A port test is an optional test that can be run on client ports to ensure that they have a good connection to the network. Running a port test requires a client to be connected to the port that is being tested. For this reason, port testing is normally done during room mapping after the port is assigned a room number (before disconnecting). Refer to the [“Mapping Rooms” section on page 13-9](#).

If you want to change the default port test parameters, follow this procedure.

- Step 1** From the Dashboard, click **WEBconfig**. The BBSM Server Settings web page appears.
- Step 2** In the NavBar, navigate to the Port Test Settings web page by choosing **Port Test Settings > Site x > Port Test Settings**. The Port Test web page appears. (See [Figure A-1](#).)

Figure A-1 Port Test Web Page

Building Broadband Service Manager
WEBconfig

Dashboard | Help | Logout

Port Test

Switch Information

Site Number	1	Pacific Plaza
Cluster Number	1	
Switch Number	1	
Stack IP Address	192.168.255.2	
Switch Type	Cisco 2912	

Test Settings

Switch Mode	10Mbps
Pings To Send	500 pings
Inter Packet Delay	10 msec
Echo Data Size	1024 bytes

Pings to Send:
The range is 300 to 700.

Inter Packet Delay:
The duration to wait between sending each ping packet during the Port Test.

The range varies depending on the Switch Mode you choose.

Mode(Mbps)	Range
1	85-90
5	45-50
10	10-15
15	6-9
100	1-5

Echo Data Size:
The range is 768 to 1280.

<< < > >> Defaults Requery Save

- Step 3** Configure the port test parameters based on the information shown in [Tables A-1](#) and [A-2](#) and click **Save**.

Table A-1 Port Test Web Page Options

Field	Description
Switch Information	
Site Number Cluster Number Switch Number Stack IP Address Switch Type	Displays the identifying information for the network element that will use the entered test settings.
Test Settings	
Switch Mode (in Mbps)	Choose a rate within the ranges that the switch can support. The default is <i>10Mbps</i> .
Pings to Send	Enter the number of pings to send. The range is 300 to 700, and the default is <i>500</i> .
Inter Packet Delay (in msec)	Enter an interpacket delay in milliseconds (msec). (See Table A-2 .)
Echo Data Size (in bytes)	Enter a size in bytes for the echo data. The range is 768 to 1280, and the default is <i>1024</i> .
Buttons	
Defaults	Displays the default parameter settings.
Requery	Refreshes the web page (click before saving changes).
Save	Saves the changes made to the web page.

Table A-2 Inter Packet Delay Switch Mode Options

Switch Mode (Mbps)	Inter Packet Delay	
	Default	Range
1	85	85–90
5	45	45–50
10	10	10–15
15	7	6–9
100	3	1–5