

Lab Four : Configuring BBSM Bandwidth Manager

Lab Overview

In this lab you will configure the BBSM Server for Bandwidth Throttling. You will then test the effect of the Bandwidth Control by FTP and Video Streaming.

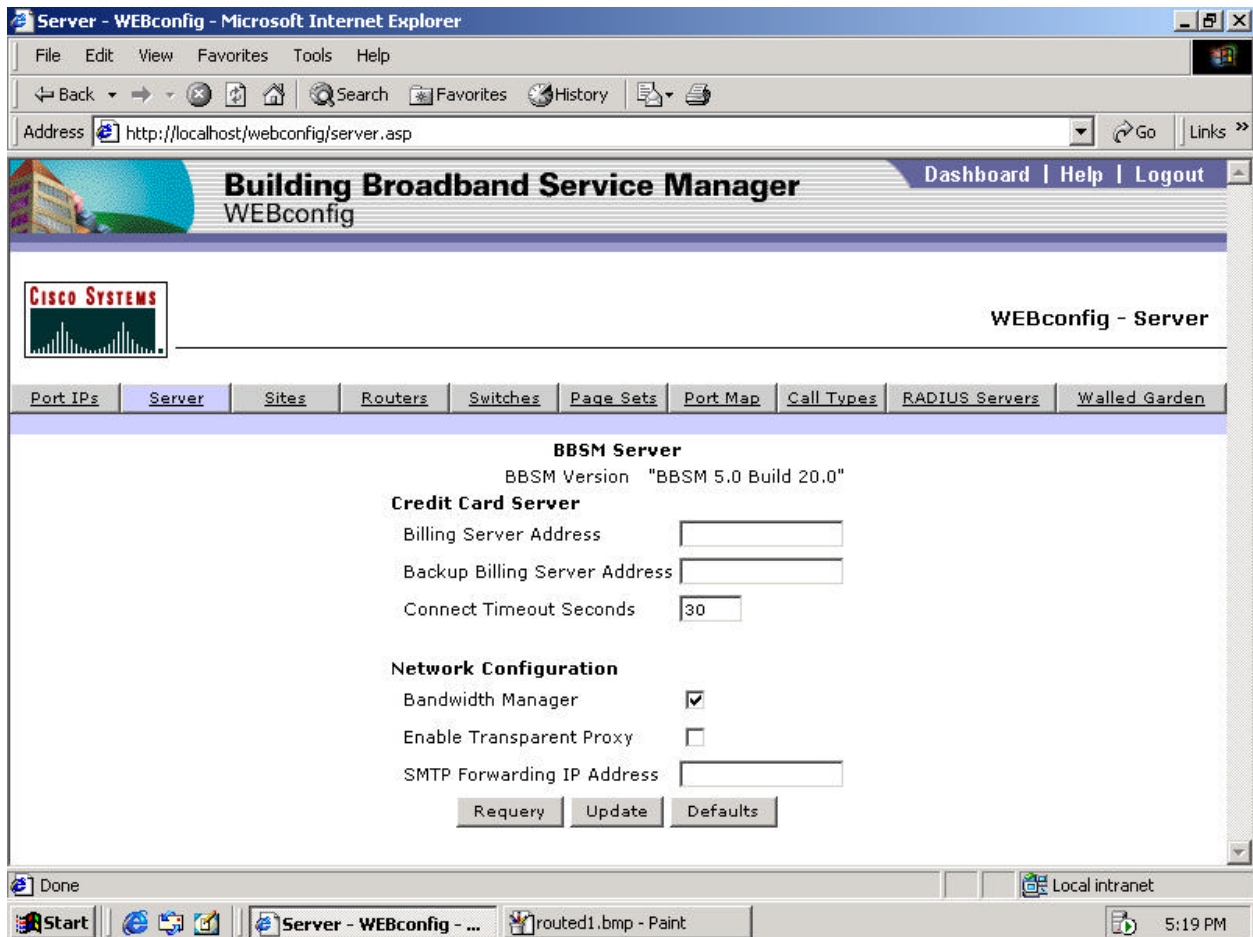
Objectives

Upon completion of this lab, you will be able to:

- Configure the BBSM 5.0 Server Bandwidth Manager

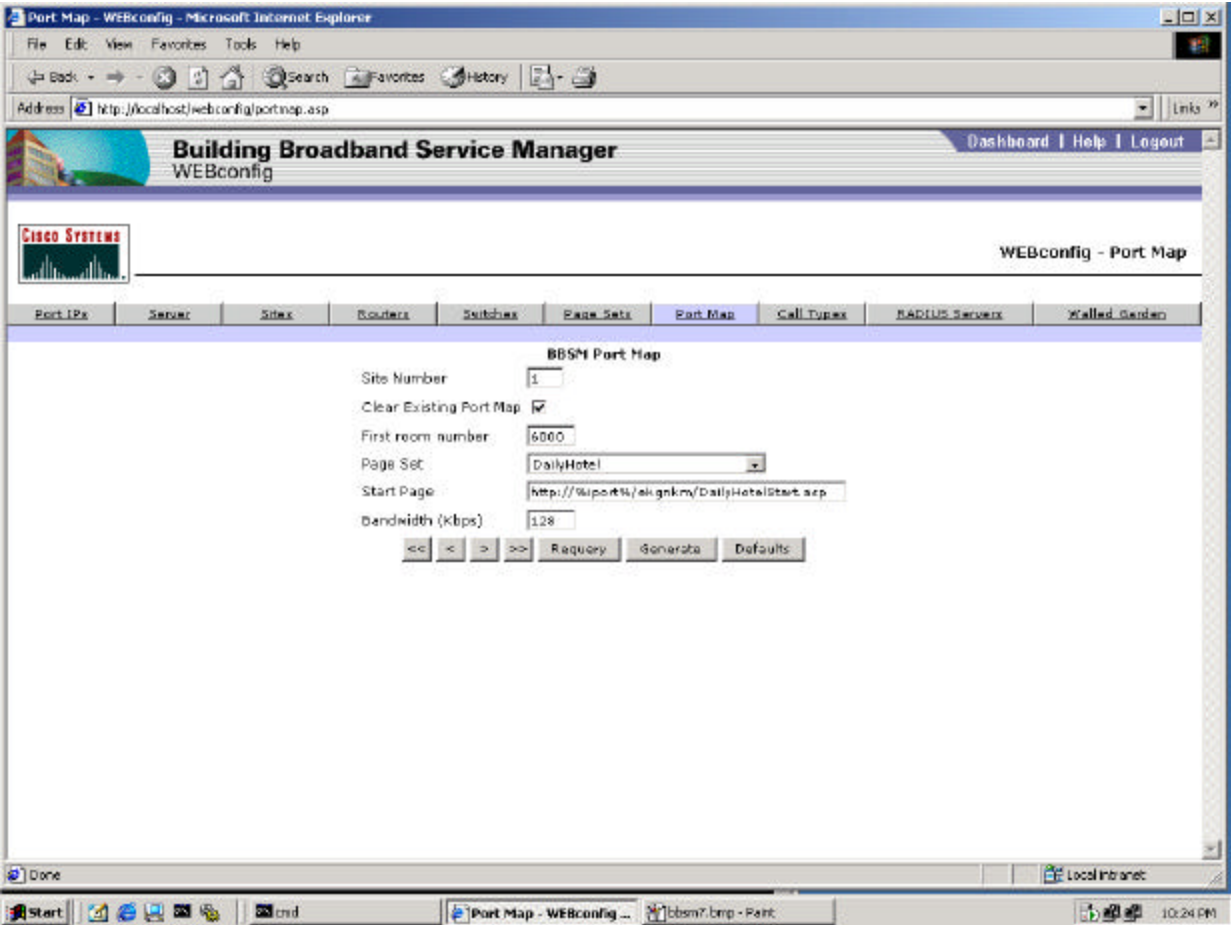
Task One: Enable the BBSM Bandwidth Manager

1. From the BBSM Main Dashboard Page, click **WEBconfig** -> **Server Tab** -> and check **Bandwidth Manager** under Network Configuration.



- From the BBSM Dashboard page, click on **WEBConfig**, under “Port Map”, change the “Bandwidth” option from 0 to 64. Click Generate.

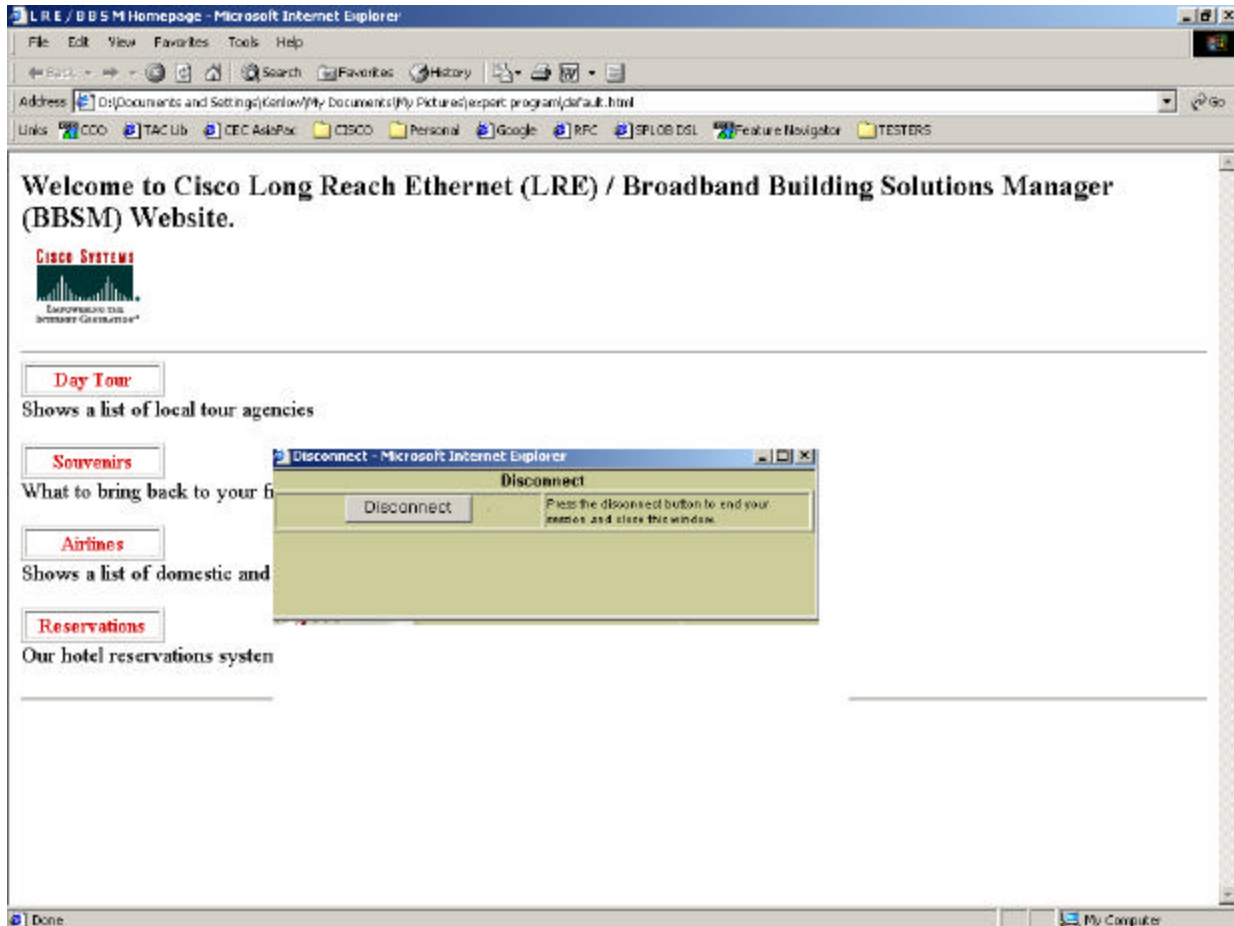
Note : Ensure that clients are not logged in. Clients should only login after the changes are made on the BBSM.



3. Note that the Bandwidth is default as 0. This means that the client is connected as high as possible.

Task Two : Verify from you client

1. Open browser and connect from the Splash Page.



2. Try out FTP and record down the download speed.

```
ftp> get pathswitching.asf
200 PORT command successful.
150 Opening BINARY mode data connection for pathswitching.asf(16948486 bytes).
226 Transfer complete.
ftp: 16948486 bytes received in 19.65Seconds 862.61Kbytes/sec.
ftp> bye
221
```

3. At the same time, try streaming video and note the response time.

NOTE : You need to logout and login again to see the effect !!!