

## Hosting Multiple Domain Websites on Cisco Smart Storage



Having web presence to allow users and customers from anywhere in the world to engage with your company is essential. Web content is now a must for companies to effectively communicate with employees and customers.

Hosting a website is not as technical a challenge as it used to be and, with the integrated resources built into Cisco Smart Storage, setting up multiple websites is no longer limited to large enterprises or the technology elite.

Cisco Smart Storage has implemented a virtual host feature on the integrated web server that allows you to host more than one domain (website) on a physical device. This provides a scalable and cost-effective solution for personal and small businesses with web presence needs.

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## Performing Initial Setup

This application note uses the following information as a reference.

Host Name & Address Topology

Host Name	WAN/LAN IP and Port	Document Root	Demo Web Application
Site1.mysite.com	WAN IP: 111.222.333.444	/Web/site1_mysite	Joomla!
Site2.mysite.com	LAN IP: 10.8.12.45 (NAS)	/Web/site2_mysite	WordPress
www.mysite2.com	Port: 80 (NAS)	/Web/www_mysite2	phpBB

1. Before you start, make sure you have the following information:

- DNS Records—The host name must point to the WAN IP address of your Network-Attached Storage (NAS).
- Port Forwarding—If the web server listens on port 80, configure port forwarding on your router to allow inbound traffic from port 80 to the LAN IP address of your NAS.
- SSL Certificate—To use your own trusted SSL certificate, import the certificate from the web-based configuration utility of your NAS (**System Administration > Security > Import SSL Secure Certificate**).

2. Activate the web server.

- Choose **Network Services > Web Server**.
- Check the **Enable Web Server** check box.
- Click **Apply**.

Enable Web Server

The screenshot shows the 'Web Server' configuration page in the Cisco Smart Storage management interface. On the left, a navigation menu lists various services, with 'Web Server' highlighted. The main content area is titled 'Web Server' and contains the following settings:

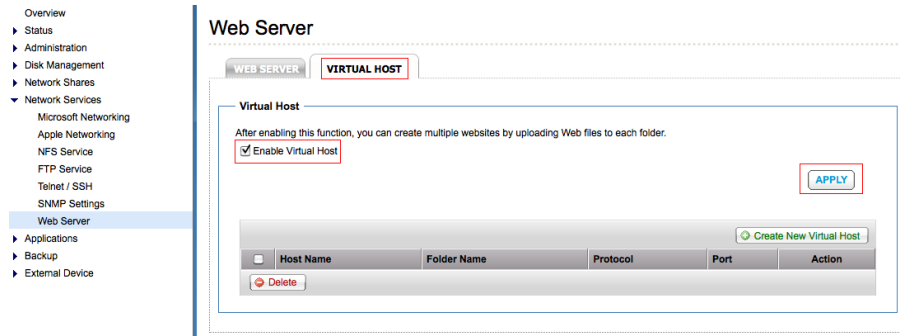
- Enable Web Server (with an information icon)
- Port Number: 80
- register\_globals:  On  Off
- Enable Secure Connection (SSL)
- Port Number: 8081
- Enable WebDAV

Below the settings, there is a note: "After enabling this service, click the following link to enter to Web Server." followed by two links: <http://192.168.1.102:80/> and <https://192.168.1.102:8081/>. At the bottom right, there is a blue 'APPLY' button.

3. Enable the virtual host:

- a. Click **Virtual Host**.
- b. Check the **Enable Virtual Host** check box.
- c. Click **Apply**.

Enable Virtual Host



4. Click **Create New Virtual Host** to start the wizard:

- a. Enter the host name, folder name, protocol, and port information for the first domain (Site1.mysite.com).
- b. Click **Apply**.

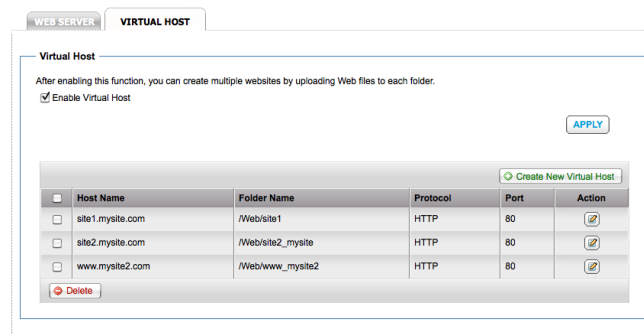
Create New Virtual Disk



- Repeat Step 4 for the remaining two domains (Site2.mysite.com and www.mysite2.com).

Complete Virtual Host Information

Web Server



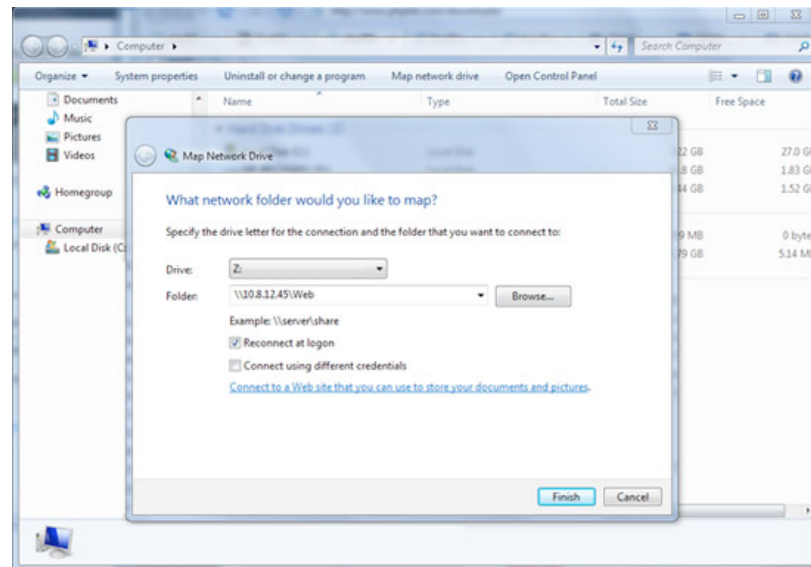
Uploading Website Data to Cisco Smart Storage

Now that you have configured your web server for multiple domains, you need to upload the files for the three websites.

To upload the website files:

- For a Windows PC, map a network drive (z: in this example) to the **Web** share on the Smart Storage.

Mapping Web Share to Drive Z:

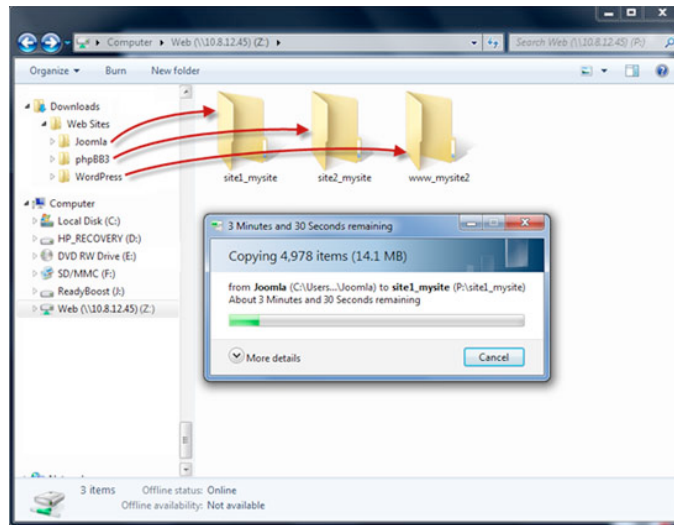


- Create folder names to match the folder names used in the virtual host configuration.

## Hosting Multiple Domain Websites on Cisco Smart Storage

3. Copy data to the appropriate folder

Copy Website Content to the Web Share



4. After the file transfer is complete, verify your multiple-domain web server is functioning properly by pointing your web browser to:

`http://site1.mysite.com`

`http://site2.mysite.com`

`http://www.mysite2.com`

Multiple Domain Website Complete



### For More Information

For more information about Cisco Smart Storage Applications, visit the Cisco Small Business Community forum <https://www.myciscocommunity.com/community/smallbizsupport/networkstorage>



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