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# 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 Administation > Security > Import SSL Secure Certificate).
- 2. Activate the web server.
  - a. Choose Network Services > Web Server.
  - b. Check the Enable Web Server check box.
  - c. Click Apply.

Enable Web Server

Overview  Status  Administration	Web Server
Disk Management     Network Shares     Network Services	WEB SERVER
Microsoft Networking Apple Networking NI'S Service FTP Service Teiner / SSH SNMP Settings Web Server Applications Backup External Device	After enabling this function, you can upload the webpage files to "Web" network share to publish your website.
	After enabling this service, click the following link to enter to Web Server. http://192.168.1.102.801 https://192.168.1.102.8061/

- 3. Enable the virtual host:
  - a. Click Virtual Host.
  - b. Check the Enable Virtual Host check box.
  - c. Click Apply.

Enable Virtual Host

Overview					
<ul> <li>Status</li> </ul>	Web Server				
<ul> <li>Administration</li> </ul>					
Disk Management	WEB SERVER VIRTUAL HOST	r )			
Network Shares					
<ul> <li>Network Services</li> </ul>	Virtual Host				
Microsoft Networking	Viitual Host				
Apple Networking	After enabling this function, you can ca	reate multiple websites by uploading W	leb files to each folder.		
NFS Service	Enable Virtual Host				
FTP Service					
Teinet / SSH					APPLY
SNMP Settings					
Web Server					
<ul> <li>Applications</li> </ul>				Creat	te New Virtual Host
Backup	Host Name	Folder Name	Protocol	Port	Action
External Device	Delete				

- 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

Create New Virtual	Host		X
Q	Create Nev	v Virtual Host	
	Host Name: Folder Name: Protocol : Port:	site1.mysite.com Web/site1 ⊙ HTTP ○ HTTPS 80	
Step 1 of 1		(APPLY) (C	ANCEL

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

Complete Virtual Host Information

UISL	RVER VIRTUAL HOST				
irtual	Host				
er en	abling this function, you can cr	eate multiple websites by uploading Web fil	es to each folder.		
Ena	ble Virtual Host				
					APPLY
				Create I	New Virtual Hos
	Host Name	Folder Name	Protocol	Create I Port	New Virtual Hos Action
	Host Name site1.mysite.com	Folder Name /Web/site1	Protocol HTTP		
-				Port	Action
	site1.mysite.com	/Web/site1	HTTP	Port 80	2

### 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:

1. 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:

Organize • System	properties	Uninstall or change a program	Map network drive	Open Control Panel		1	•		
Documents	*	Name	Туре		Total Size	F	Free Space	te	
Music  Pictures		a tant from Street (2)			12				
Videos	Man N	letwork Drive			22	2 G8			27.6
	) s map i		Concept Name		10	B GB			1.83
Homegroup	What ne	etwork folder would you lik	e to man?		184	4 G8			1.52
	whath	etwork loider would you lik	e to map.						
Computer	Specify the	e drive letter for the connection and	I the folder that you want	to connect to:	9	MB			0 5
Local Disk (C:		Z			19	9 GB		1	5.14
	Drive	-							
	Folden	\\10.8.12.45\Web	•	Browse					
		Example: \\server\share							
		Reconnect at logon			- 1				
		Connect using different cred	entials						
		Connect to a Web site that you	can use to store your do	uments and pictures-					
				Finish	Cancel				

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

3. Copy data to the appropriate folder

Copy Website Content to the Web Share

Organize • Burn New folder       Image: Computer         Image: Downloads       Image: Downloads         Image: Downloa	Organize - Burn New fold		Search Web		-	2
-		site1_mysite site2_mysite www.mysite2	rsite)	1		

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 <u>https://www.myciscocommunity.com/community/smallbizsupport/networkstorage</u>

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