NAS 321 Hosting Multiple Websites with a Virtual Host

Host multiple websites and enable DDNS service

ASUSTOR COLLEGE



COURSE OBJECTIVES

Upon completion of this course you should be able to:

- 1. Host websites on the ASUSTOR NAS using the virtual host function
- 2. Enable DDNS service for the ASUSTOR NAS

PREREQUISITES

Course Prerequisites: None

Students are expected to have a working knowledge of: Hosting Websites

OUTLINE

- 1. Obtaining a Unique Hostname
 - 1.1 If you have a static IP address
 - 1.2 If you have a dynamic IP address
- 2. Hosting Websites Using the Virtual Host Function
 - 2.1 Enabling the Web server and adding a new virtual host (website)
 - 2.2 Enabling DDNS service

1. Obtaining a Unique Hostname

You can host multiple websites on your ASUSTOR NAS by setting up virtual hosts. However, before setting up virtual hosts you should obtain a unique hostname for your ASUSTOR NAS either by registering for your own domain or by subscribing for DDNS service.

1.1 If you have a static IP address

If you have a static IP address, then you most likely will want to register for your own domain name. The company you register with will be able to provide DNS service for your unique hostname. You only need to provide them with your IP address and they will help you to map your hostname to your IP address.

1.2 If you have a dynamic IP address

If you have a dynamic IP address, then you may want to subscribe for free DDNS service in order to obtain a unique hostname for your ASUSTOR NAS. There are a number of companies offering free DDNS service. However, in our example we have decided to use no-ip.com. After registering with the company, you will be able to create a unique hostname and then have it mapped to your dynamic IP address. The company will periodically update your IP address in order to ensure that it is always mapped to your hostname.

			🛃 Return to No	-IP.com You	r No-IP Account Su	pport Log C	Dut
			Logged in as:	@asust	pr.com IP:		3
The DNS Service Pro	ovider		Like 5.7k	र् ए +1			
Hosts/Redirects DNS	Hosting Domain R	egistration Mail	SSL Certificates M	lonitoring	Backup DNS	Renew/Act	tivate
 Hosts/Redirects Add Host 	Add a l	nost					
Manage Hosts Manage Groups	Fill out the following field	s to configure your host	t. After you are done click	k 'Create Host' to	add your host.		
 Download Client Upgrade to Enhanced 	Own a domain name? Use your own domain name with our DNS system. Add or Register your domain name now or read more for pricing and features.						
Need redundancy for your mail server? Hostname Information							
Click here for more info	Hostname:	asustor		hopto.org		-	0
24/7 Server Monitoring	Host Type:	🖲 DNS Host (A) 🔘 [ONS Host (Round Robin	n) 🔘 DNS Alias	(CNAME)		0
and Failover Click here for more info		© Port 80 Redirect 《	🔊 Web Redirect 🔘 🗛	AA (IPv6)			
	IP Address:	11:00-000					0
Seed Help?	Assign to Group:	- No Group -	•	Configure G	roups		0
 Support Center Basic Troubleshooting Guide Support Ticket 	Enable Wildcard:	Wildcards are a Plus	/ Enhanced feature. <u>Upg</u>	rade Now!			0

2. Hosting Websites Using the Virtual Host Function

ASUSTOR NAS supports virtual hosting for hosting multiple domain names on the NAS. In the following example we will walk you through the process of hosting a website using the virtual host function.

2.1 Enabling the Web server and adding a new virtual host (website)

STEP 1

Select [Services] → [Web Server]. Select the [Enable Web server] checkbox found under the Web Server heading and then click [Apply].

Č		Services	Θ
ľ	ß	Windows	Web Server Virtual Host
	¥	Mac OS X NFS	Web Server You can host your website and applications on the NAS by uploading it to the [Web] shared folder.
	₽ ≑	FTP Server	Port number: 80
	H	WebDAV	Enable secured Web server (SSL)
(ø.	Web Server	Port number: 443
ľ	Ľ,	MySQL Server	□ Turn on PHP register_globals ☑ Enable personal website
	>_	Terminal	
		Rsync Server	

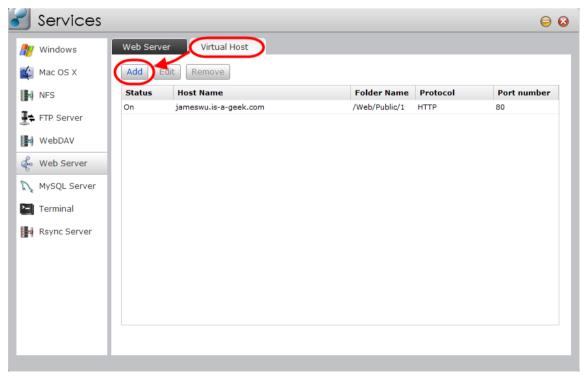
STEP 2

In order to check that the setting has been successfully applied, enter the ASUSTOR NAS's IP address into a Web browser and connect to it. You should be able to see the "Congratulations!" page as shown in the graphic below. This page is located in the ASUSTOR NAS's "Web" shared folder. In order to host a website on the ASUSTOR NAS, you must upload it to the "Web" shared folder of the NAS.

asustor	
Congratulation	ns!
	You have successfully enabled the Web server on your ASUSTOR NAS. To begin hosting your website on the NAS, simply upload your web pages to the [Web] shared folder.
	Copyright © 2012 ASUSTOR Inc. All Rights Reserved.

STEP 3

Now click on the Virtual Host tab and then click on the **[Add]** button.



STEP 4

The Virtual Host window will now appear. Fill out the required fields and then click **[OK]** once you are done. Your website should now be successfully hosted on the NAS.

Virtual Host		
Host name:	ASUSTOR.hopto.org	
Folder name:	/Web/Public Brow	se
Protocol:	HTTP 💌	
Port number:	80	
Status:	Enable	e
	1	-
	ОК	Cancel

2.2 Enabling DDNS service

If you have subscribed for DDNS service, you can also create a unique hostname to use with your NAS. In the following example we will walk you through the process of enabling DDNS service on the NAS.

STEP 1

- ✓ Select [Settings] \rightarrow [Ease of Access] and then click on the [DDNS] tab.
- ✓ Select the [Enable DDNS service] checkbox.
- ✓ Select your DDNS provider from the drop-down list. If you haven't signed up for DDNS service you can select a provider and then click on the <u>Sign up now</u> link to register.
- ✓ Fill out the rest of the required fields and then click on [Apply] once you are done. DDNS service should now be successfully enabled on the NAS.

R	Settings	Θ
0	General	Cloud Connect EZ-Router DDNS
C	Network	DDNS
	Regional Options	You can create a unique hostname (e.g. mynas.asustor.org) for your NAS by subscribing for DDNS services.
P	Hardware	Enable DDNS service
4	Notification	DDNS provider: no-ip.com Sign up now Username: Dasustor.com
E	ADM Defender	Password:
4	ADM Update	Hostname: ASUSTOR.hopto.org
ſ	Network Recycle Bin	WAN IP checking interval: 24 hours
	Energy Saver	Network Status
	Ease of Access	Current WAN IP:
	Factory Default	Last checking IP:
		Last DDNS update: Success (2012/7/15 21:38:2)
Ê	Registration	Apply