<u>Enabling FTP On The DNS-325 For Remotely Accessing</u> <u>Files</u>

• When accessing the DNS-325, you can enable the FTP feature under Application Management/FTP Server which will allow remote access to files stored on the NAS. The port that needs to be opened or used is port 21.

	Application I	Manager	nent
	FTP S	Server	
The ShareCenter i	s equipped with a built in FTP Server. The server is easy to configure	e and allows users acce	ess to important data whether they are on the local network or at
a remote location.	The FTP server can be configured to allow user access to specific d	irectories, and will allo	w up to 10 users to access the ShareCenter simultaneously.
Max. User	Set the maximum amount of users that can connect to the FTP server.	Application Management	
Idle Time	Set the amount of time a user can remain idle before being disconnected.	FTP Server UPnP AV Server	VFIP Server Settings Pare there
Port	Set the FTP port. Default is 21.	iTunes Server Add On	Port 21. 3125 to 3688, 3690 to 49989, 65501 to 65535, Deftu/n 21
Passive Mode	In situations where the device is behind a firewall and unable to accept incoming TCP connections, passive mode must be used.	AFP Service NPS Service	Passie Hole Olize the difful for in rougo (5555-6562) Olize the bidruit goal rougo (5555-6562) • (5563) Elsport extend 2 in FAV rough • (5563) Batteriel 2* in FAV rough • (5563) Oest Learning 2* in FAV rough • (5563) Batteriel 2* in FAV rough • (5563) Oest Learning 2* in FAV rough • (5563) Batteriel 2* in FAV rough • (5563) Oest Learning 2* in FAV rough • (5563)
Client Language	Most standard FTP clients like Windows FTP, only support Western European code page when transferring files. Support has been added for non standard FTP clients that are capable of supporting these character sets.		All Calles Outstags Density Page Outstags Outstags Density Density Density Density Density
Flow Control	Allow you to limit the amount of bandwidth available for each user.		
SSL/TLS	Here the user can enable the SSL/TLS connection only.		
FXP	Enable or Disable File eXhange Protocol to transfer files from one FTP server to another.		
	Please Note: In order to use FXP (File Exchange Protocol) for server-to-server data transfer, make sure to change the port from 21 to some other port as listed in the Port section of the Web UI. Also, make sure to open the corresponding port on your router and forward that port from your router to the ShareCenter.		

• When you want to enable this feature port 21 needs to be forwarded on the router/modem itself as well. The second and third image shows this. The NAT/Virtual server feature will only show up once you have setup an Internet PPPoE connection. You can download the how to setup an Internet Connection document for the DSL-2760U at http://ftp.dlinktech.co.za/dsl2760u/SetupGuides/

NAT – Virtual Servers

Virtual Server allows you to direct incoming traffic from WAN side (identified by Protocol and External port) to the internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. The NAT button appears when configuring WAN interface in PPPoE,or IPoA.

To Add a Virtual Server Rule, click the Add button.	NAT Virtual Servers Setup				
	Virtual Server allows you to direct incoming traffic from WAH side (dentfied by Protocol and External port) to the Internal server with private IP address on the LAN side. The Internal port is required only if the external port needs to be converted to a different port number used by the server on the LAN side. A maximum 32 entires can be configured.				
	(Add) (Remove)				
	Server Name External Port Start External Port End Internal Port Start Internal Port Start Server IP Port End WAN Interface				

• Logon to the router/modem and go to NAT/Virtual Server and forward port 21,



- Then you need to create a dyndns account. You have the option of either using the account on the DNS-325 or the DSL-2760U, but <u>NOT</u> on both.
- You can create the account at <u>www.dyndns.com</u>. If you are not sure on how to create an account, then simply e-mail our D-Link Africa Support Team at <u>support@d-link.co.za</u> and they will be able to assist.

1. DDNS on the DNS-325 (Go to Network management and then Dynamic DNS)

Dynamic DNS

The DDNS feature allows the user to host a server (Web, FTP, Game Server, etc...) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter your domain name to connect to your server regardless your IP address.

DDNS Settings

DDNS	Select Enable or Disable.			
Server Address	Enter the DDNS server address or select from the drop-down menu.			
Host Name	Enter your DDNS host name.			
Username or Key	Enter your DDNS username or key.			
Password or Key	Enter your DDNS password or key.			
Verify Password or Key	Re-enter your password or key.			
Status	Displays your DDNS status.			
When the user clicks on the 'Sign up for D-Link's Free DDNS service at www. DLinkDDNS.com' link, the user will be re-directed to the D-Link DDNS page.				

Network Management						
	VDNS Settings					
LAN Setup Dyname DNS	DDM Packa @ Exacts Server Address Select Dynamic DDD Server Heat Select Dynamic DDD Server Server Select Dynamic DDD Server					

Here the user can create or modify a D-Link DDNS account to use in this configuration.

2. <u>DDNS on the DSL-2760U (Go to Advanced Setup and then DNS)</u>

Dynamic DNS Configuration

The Dynamic DNS service allows you to alias a dynamic IP address to a static hostname in any of the many domains, allowing your DSL router to be more easily accessed from various locations on the Internet.

Dynamic DNS Configuration	Descent DW		
Synamic Brie Comgulation	The Dynamic DNS service allows you to allas a dynamic IP address to a static hostname in any of the many do		
Choose Add or Remove to configure Dynamic DNS.	allowing your DSL router to be more easily accessed from various locations on the Internet.		
	Choose Add or Remove to configure Dynamic DNS.		
	Hostname Username Service Interface Remove		
	Add Ramove		
Adding a Rule	Add Dynamic DNS		
This page allows you to add a Dynamic DNS address from DynDNS.org, TZO, or dlinkddns.com.	This page allows you to add a Dynamic DNS address from DynDNS.org or TZO.		
	D-DNS provider DynDNS.org		
	Hostname		
	Interface pppoe_0_0_35/ppp0 v		
	DynDNS Settings		
	Username		
	Password		
	Apply/Save		

- The reason for creating a DDNS account is simply because your router has a public IP which looks like 41.213.116.45 for example,
- This can be found under Device Info and then WAN Info. The information will show up once you have setup the device for a PPPoE internet connection,

Document Compiled By Andries Dique

WAN Info								
Interface Description	Туре	VlanMuxId	Igmp	NAT	Firewall	Status	IPv4 Address	
								_
<u>41.213.116.45</u>								

- This IP changes randomly, thus you need to create this account so that when you access the NAS/Files remotely the name itself doesn't change for example when you access the NAS it will look like the following, stokkies.dyndns.com:21
- Open Internet Explorer and type in your account name followed by colon and the port for opening the FTP feature, which is port 21.

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	Turn on suggestions (send keystrokes to Bing)		
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