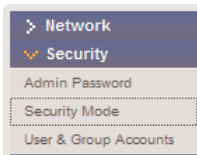


## **Setup ReadyNAS<sup>®</sup> for FTP with User Home Folders**

Follow these simple steps in the Setup Wizard to add new user accounts and configure them for FTP remote access:

### Step 1. Configure the Security mode to "User"

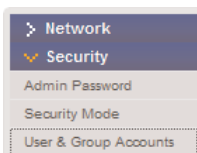


- User.** Fit for medium-size office or workgroup. Select this option if you would like to control access to shares based on user or group accounts and your network does not utilize a domain controller for authentication. If you select this option, you will need to create a user account for anyone accessing this device. This option supports setting disk quotas on a per-user or per-group basis.

Workgroup:

### Step 2. Add the User Accounts

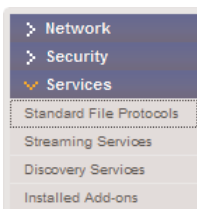
Select "User & Group Accounts" from the drop-down menu to add new user accounts. For each account, enter the user's name, email, UID, and password. Also, assign each user to a group, using the "Primary Group" pull-down list. Optionally, you can assign a disk quota to each user. Select "Apply" to save all changes.



User	Email	UID	Primary Group	Password	Quota (MB)
<input type="text" value="User1"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="users"/>	<input type="password" value="....."/>	<input type="text"/>
<input type="text" value="User2"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="users"/>	<input type="password" value="....."/>	<input type="text"/>

### Step 3. Configure the FTP Service

Select the "Services" tab, then "Standard File Protocols" from the pull-down menu. Choose "FTP" from the list of supported services.



- FTP**, or File Transfer Protocol, used extensively for basic file upload and downloads. If you will be making FTP service available to this device outside the firewall, you can specify a custom port for added security.

Port:   
 Authentication mode:   
 Allow upload resumes:   
 Passive ports:  -   
 Masquerade as:

Set "Authentication mode" to "User"

Set a range of ports (e.g., 5000 to 5020)

Set "Masquerade as:" to be a static public IP or dyndns address

#### Step 4. Allow "User Home Shares" over FTP

From the "Security" drop-down menu, select "User & Group Accounts". Ensure "Make home shares available over FTP" is enabled.

Set default parameters for new accounts. Preferences

Default group for new users:	users
Private home shares for users:	Enabled
Default home volume for new users:	C
Export home shares over NFS:	Disabled
Make home shares available over FTP:	Enabled
Recycle Bin for private home shares:	Disabled
Remove Recycle Bin files older than this many days:	10
Limit Recycle Bin to this many MB:	100
Allow users to change their passwords:	Enabled
Warn user when disk usage is:	80 % of quota

#### Step 5. Configure the Firewall

In a NETGEAR firewall, configure the following for inbound FTP:

First, create a new service for the passive port range:

Custom Services Table <span>help</span>							
#	Name	Type	Start Port	Finish Port	Priority	Action	
<input type="checkbox"/>	61	NAS	TCP	5000	5020	Normal-Service	<span>edit</span>

Then, add standard FTP and the new defined service as inbound firewall rules for the ReadyNAS:

Inbound Services <span>help</span>											
!	Service Name	Filter	LAN Server IP Address	LAN Users	WAN Users	Destination	Bandwidth Profile	Log	Action		
<input type="checkbox"/>	FTP	Allow Always	192.168.1.200		ANY	ADSL	NONE	Never	<span>up</span>	<span>down</span>	<span>edit</span>
<input type="checkbox"/>	NAS	Allow Always	192.168.1.200		ANY	ADSL	NONE	Never	<span>up</span>	<span>down</span>	<span>edit</span>

Once configured, use an FTP client application to connect to the remote ReadyNAS by typing for example: `ftp://my.dyndns.org`. Or, if the public IP is statically assigned to the firewall for example, use: `ftp://200.200.200.10`.

Once connected, you will be presented with a login screen. To authenticate, enter the username and password combination from "Step 2", above.

Once authenticated, users will be able to remotely access shared folders and files residing on the ReadyNAS. Each user will only be able to view and access shares to which he has been granted permission.

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