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Advance User Guide

LANDISK

LANDISK Advanced User Guide

V1.0 (2005/2/18)

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1. Disk Utility



Set Cluster Unit:

NOTE:

LANDISK needs HDD with UltraDMA supported.

*HDD Above 20GB has supported UltraDMA generally; if the HDD is under 20GB, please check if it has UltraDMA supported.

*Each file size is 4GB limited due to FAT32 format.

LANDISK FAT32 format Setting:

Default Cluster Size is 32K Cluster Size, Supports HDD capacity 32GB ~ 2TB

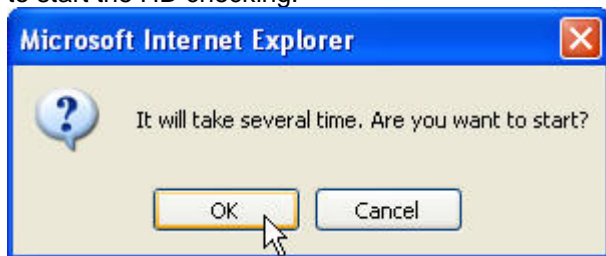
Please check the partition size related to cluster size as the table below:

FAT32 File System Cluster Sizes

Partition Size	Cluster Size
260 MB - 8 GB	4 K
8 GB - 16 GB	8 K
16 GB - 32 GB	16 K
32 GB - 2 TB	32 K

Scandisk

Here you can check if there is error on your HDD, press "Start" and the dialog Box will show as below, press OK to start the HD checking.



2. Network Share

2-1 SMB Configuration

Hostname 以及 Group name

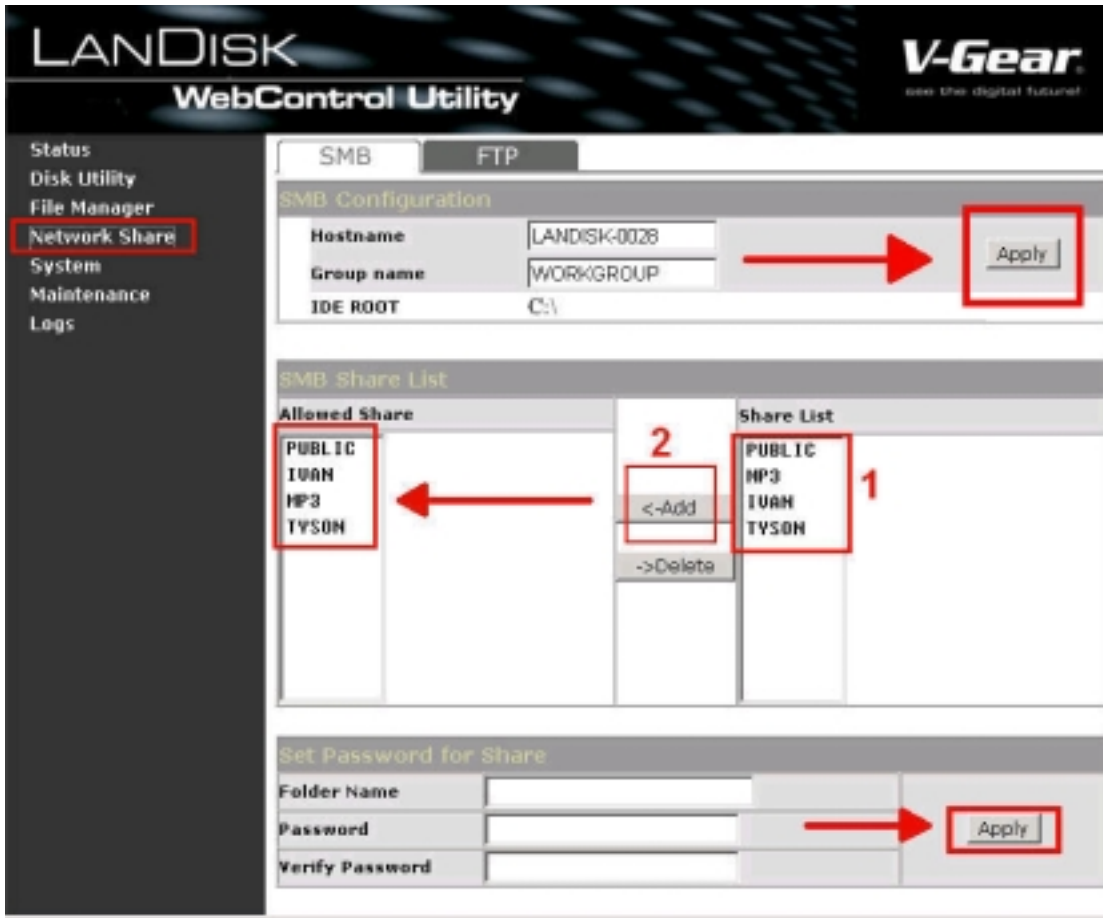
Set up your Hostname and work group here

SMB Share List

Set the folder you like to show or hide, please follow the steps below to set up.

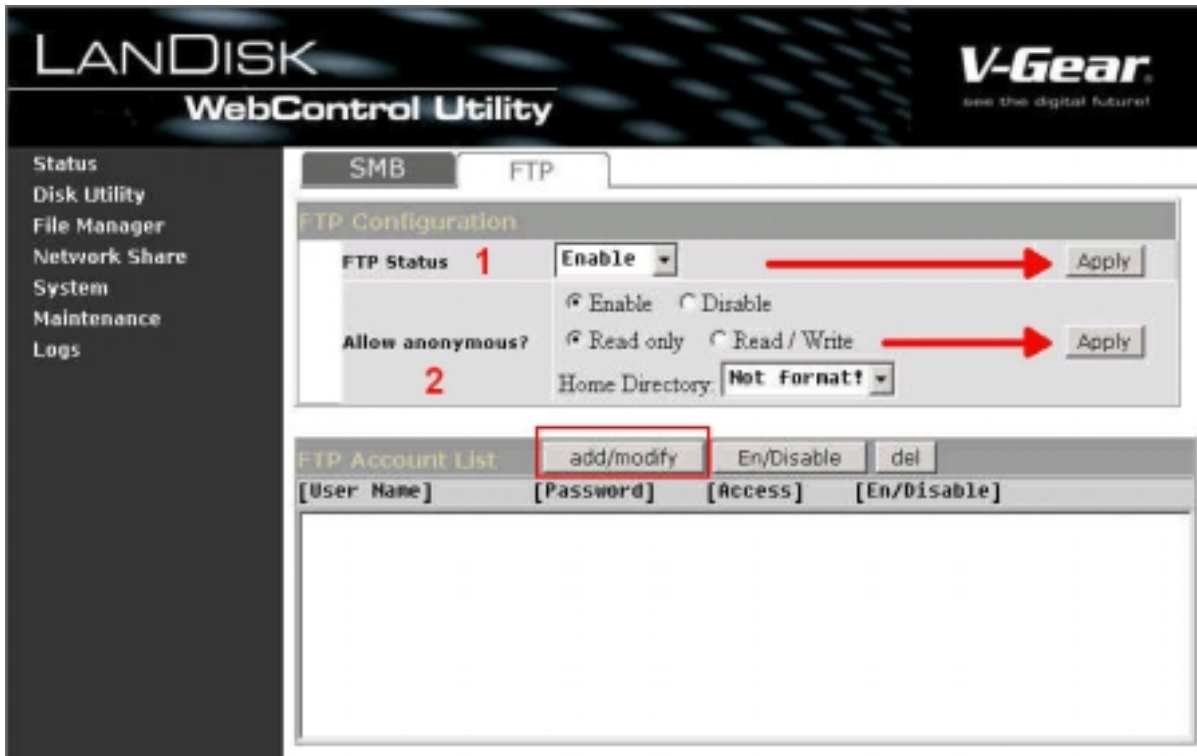
Set Password for Share

Here you can set password for the folder, you must press "Apply" after any change of setting, if the password has been changed, it will be effective after system reboot.



2-2 FTP Configurations

Here you can set FTP functions, status and user's authority, please check the image below.



FTP Status

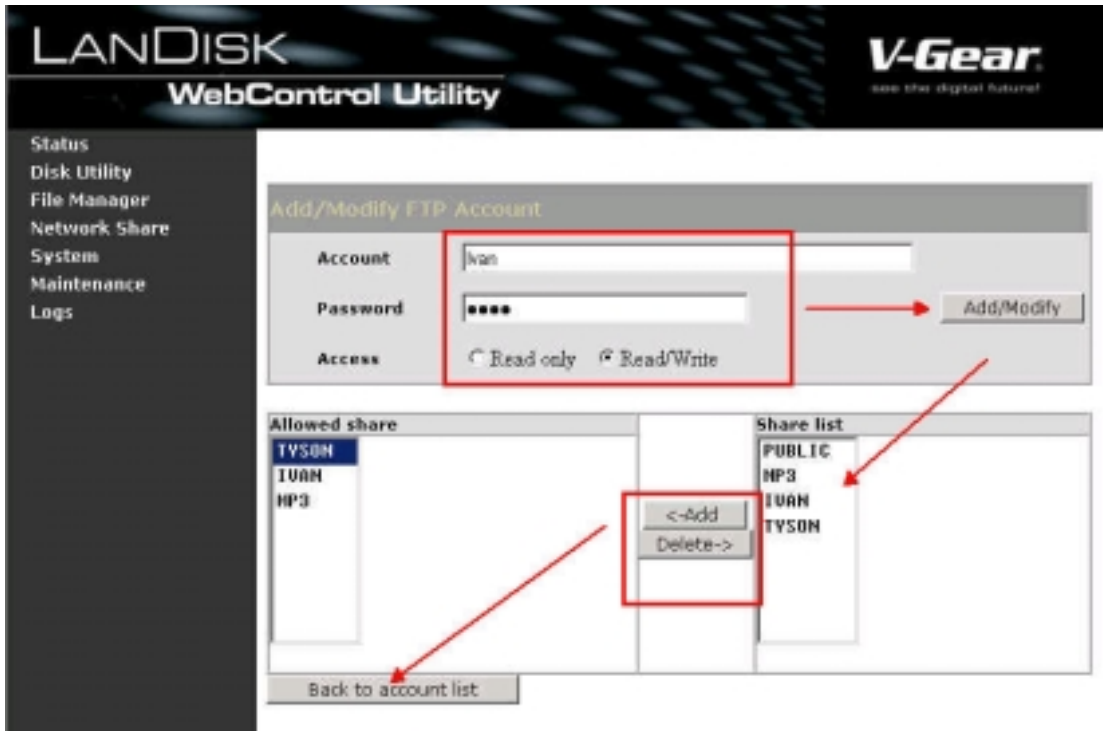
Enable / Disable FTP function.

Allow anonymous

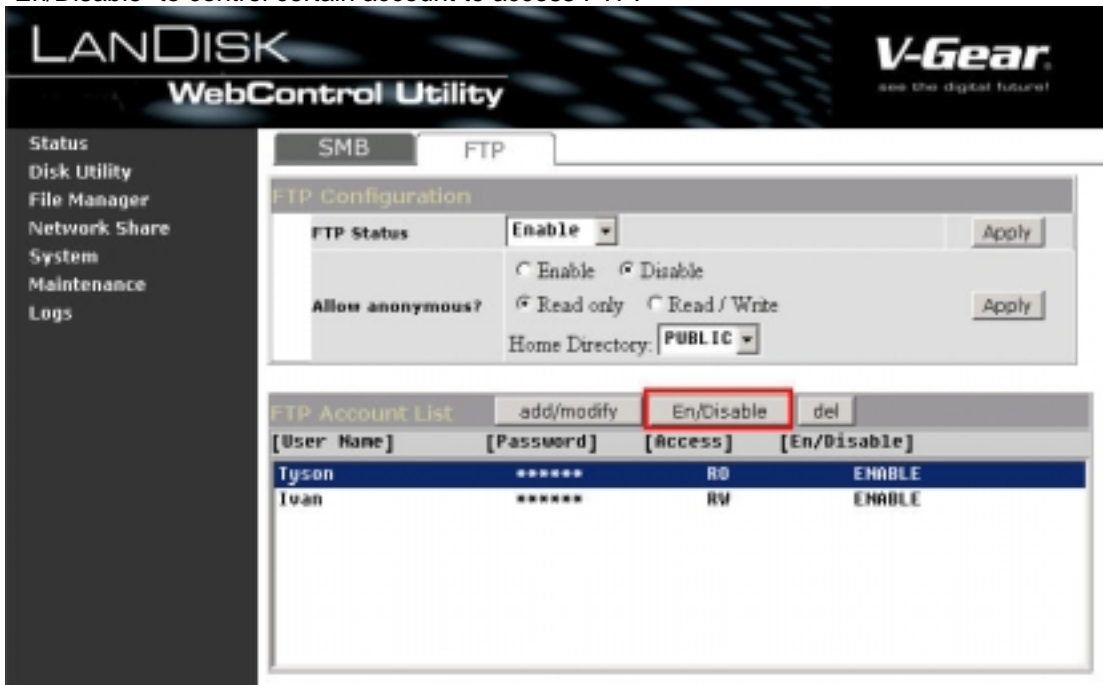
If you allow anonymous login, and the authority after anonymous login, Home Directory is the folder will be access by anonymous login.

FTP Account List

Presses " Add/Modify " to set the accounts that you allow accessing LANDISK, and defining the authority.



After "Add/Modify", you will see the accounts list as below, RO=Read Only, RW= Read and Write, and you can also use "En/Disable" to control certain account to access FTP.



3.System

Here you can set the administrator password, Time zone, IP configuration, DHCP service.

3-1 Password

ID, Password setting for administrator.



3-2 Time Zone

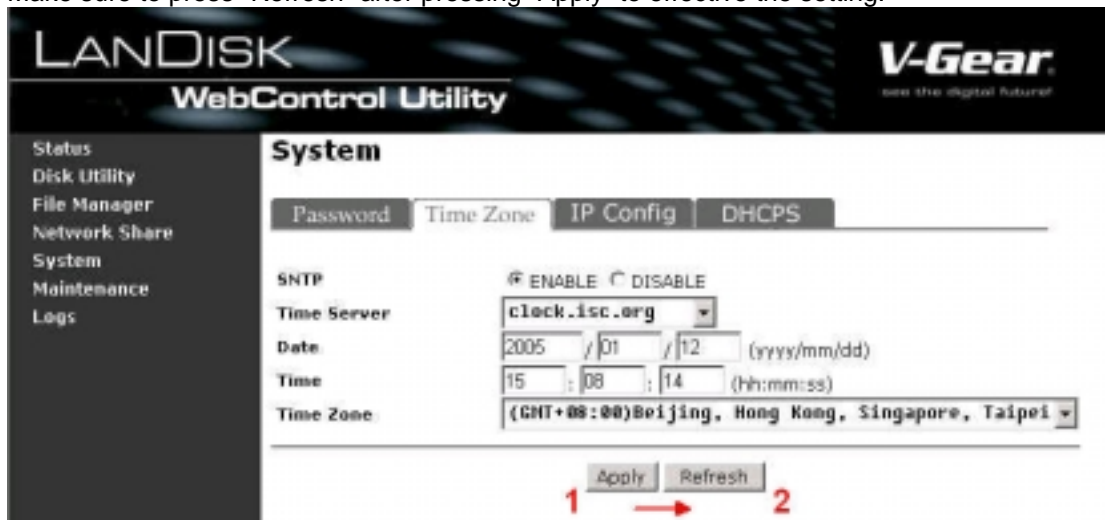
Check Enable or Disable to define if you like to use SNTP (Simple Network Time Protocol)

Time Server: Define NTP server.

Time Zone: Define the City you located.

NOTE:

Make sure to press "Refresh" after pressing "Apply" to effective the setting.



3-3 IP Config

Here you can set the IP configuration (Automatic IP or Static IP) as below:

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WebControl Utility

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System

Password | Time Zone | **IP Config** | DHCP

Automatic IP

Static IP as below

IP	192.168.0.165
SubnetMask	255.255.255.0
Gateway	192.168.0.254
Primary DNS	192.168.0.16
Secondary DNS	0.0.0.0

Apply

NOTE:

The Hub or Router you connect with LANDISK must have DHCP service. If you choose "Automatic IP", if your device has no DHCP service, the default IP will be "169.254.0.1", the device which was in that IP address will become "169.254.0.2"

3-4 DHCP

LANDISK has built in DHCP service. You can start the DHCP service here and LANDISK will turn it self into a DHCP server.

DHCP Server Configuration

Set the DHCP configuration as below:

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WebControl Utility

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System

Password | Time Zone | IP Config | **DHCP**

DHCP Server Configuration

DHCP Server	<input type="radio"/> ENABLE <input checked="" type="radio"/> DISABLE	
WINS Server(optional)		1
IP Pool Starting IP	2	
IP Pool Ending IP	254	Apply
Lease Time	1 Day : 0 Hour : 0 Min	

DHCP Client List Refresh **Fix Mapping Table**

[MAC]	[IP]	[Host Name]
Disabled		

2

NOTE:

If the Hub or Router connected to LANDISK has DHCP, the LANDISK will prevent the setting.

DHCP Client List

If you want to point a certain IP address for certain MAC address (Fixed mapping), please press “Fix Mapping Table” to set up as below:

The screenshot shows the LANDISK WebControl Utility interface. On the left is a navigation menu with options: Status, Disk Utility, File Manager, Network Share, System, Maintenance, and Logs. The main content area is titled "DHCP Fixed Mapping Table" and includes "Add" and "Del" buttons. Below this is a table with three columns: "Hostname(optional)", "MAC Address", and "IP Address". The table contains a single row with the text "[CLIENTS MAC] [FIXED IP] [HOSTNAME]" and a "Disabled" status. A "Back to DHCP" button is located at the bottom of the table area.

Hostname(optional)	MAC Address	IP Address
[CLIENTS MAC]	[FIXED IP]	[HOSTNAME]

NOTE:

Fixed mapping will be functional only when the DHCP service was provided by LANDISK it self.

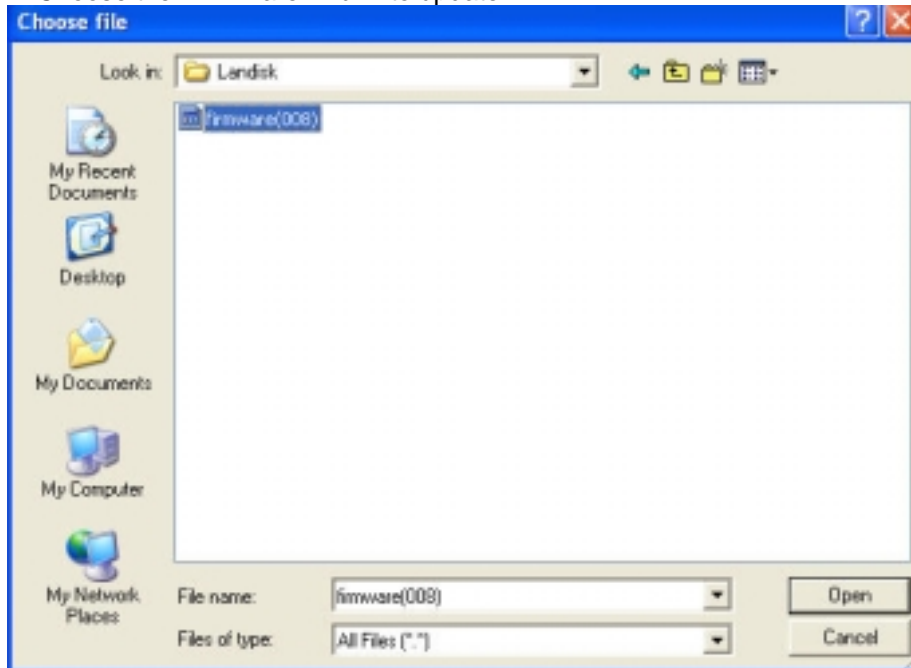
4.Maintenance



4-1 Firmware Upload

Here you can update the new firmware for your LANDISK, please follow the steps below:

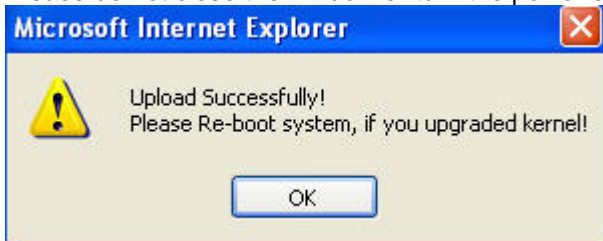
1. Choose the "Firmware***.bin" to update



2. Press "Upload", the dialog will show the warning message as below. Press "OK" to proceed.



Please do not close the window or turn the power off, until the success message dialog has been shown as below:



3. Press "Restart" and wait about 30 seconds then refresh this page by pressing "Refresh button" on IE browser, or reboot the LANDISK.

4-2 Factory Defaults

You can Press "Reset" here then refresh this page by pressing "Refresh button" on IE browser, or reboot the LANDISK to recall all settings back to factory default status.

5.FAQ:

1. Does LANDISK have any Power saving function?

Yes, if there is no R/W in 15 minutes, LANDISK will spin down the HDD to protect and save power.

2. How does the DHCP service of LANDISK work?

If LANDISK has been located in the network environment, which has no DHCP server, LANDISK will turn it self into a DHCP server, the LANDISK will detect if there has any DHCP server existing, if yes, the LANDISK will prevent the DHCP service, and becomes a DHCP client.

3. What is the protocol that LANDISK follows to achieve the data sharing functions?

LANDISK is a device that based on Samba Server to achieve its data sharing function, its SMB protocol (Server Message Block) crosses TCP/IP, NETBUEI and IPX/SPX, in short, as long as the client has supported either TCP/IP, NETBUEI or IPX/SPX, it can use LANDISK as a FTP server.

Visit <http://vgear.com> for more FAQ or firmware updates.