NSA-220

(Network Storage Appliance)

ZyXEL Storage

Support Notes

Version 1.00

March 2007

ZyXEL
Unleash Networking Power

Overview of NSA-220

ZyXEL NSA-220 is an economic solution which integrated so many features you could ever think of in a Home & SOHO environment. It shares data, printer, photo, web, multimedia files and more! Having a ZyXEL Home NAS, NSA-220, is connecting all your digital contents without any barrier. Data backup is too important to ignore in modern-day, NSA-220 makes data backup so complete and automatic that backup always be done without your attention. When the hard disc crashes, NSA-220 can easily recover the data through RAID 1 mirroring. From Network Backup to Local Backup, from USB Copy to PC Backup, you can always find the backup alternatives that fit your needs.

Besides the basic storage functions, ZyXEL NSA-220 has value added functions such as being a DLNA server, It will make your stored multimedia files easy access and play into an any DLNA Client. The function of disc management function as well as file systems management function will meet the need in data protection. Briefly speaking, ZyXEL NSA-220 is not only a consumer friendly network attached storage, but with USB2.0 ports are for an easy expansion, quick store button for rush data storage and DLNA server to share your files in a sleek, cost-effective multimedia station.

Notes:
N/A

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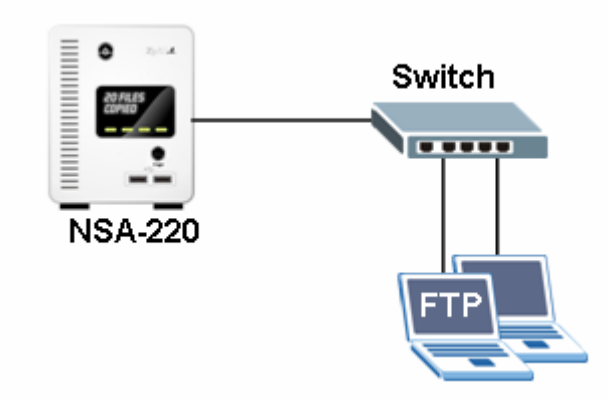
Scenario of setting up NSA-220

In this section, we will illustrate how to setup and configure NSA-220 using 2 SATA II HDs and create a RAID 1 Mirroring Volume. Two new members (Steven and Leo) will be created. And a new share CSO will be created as well. User Steven and Leo will join group CSO. On the same time, service FTP will be enabled. Both Steven and Leo will have right to access to this CSO share when they logon to the FTP on NSA-220.

Actions to perform in this scenario:

1. Access to the GUI of NSA-220
2. Create a RAID 1 Volume on the two new HDs
3. Create user “Steven” and “Leo”
4. Create new Share “CSO” and for “Steven” and “Leo”
5. Active FTP.

Illustration of this scenario



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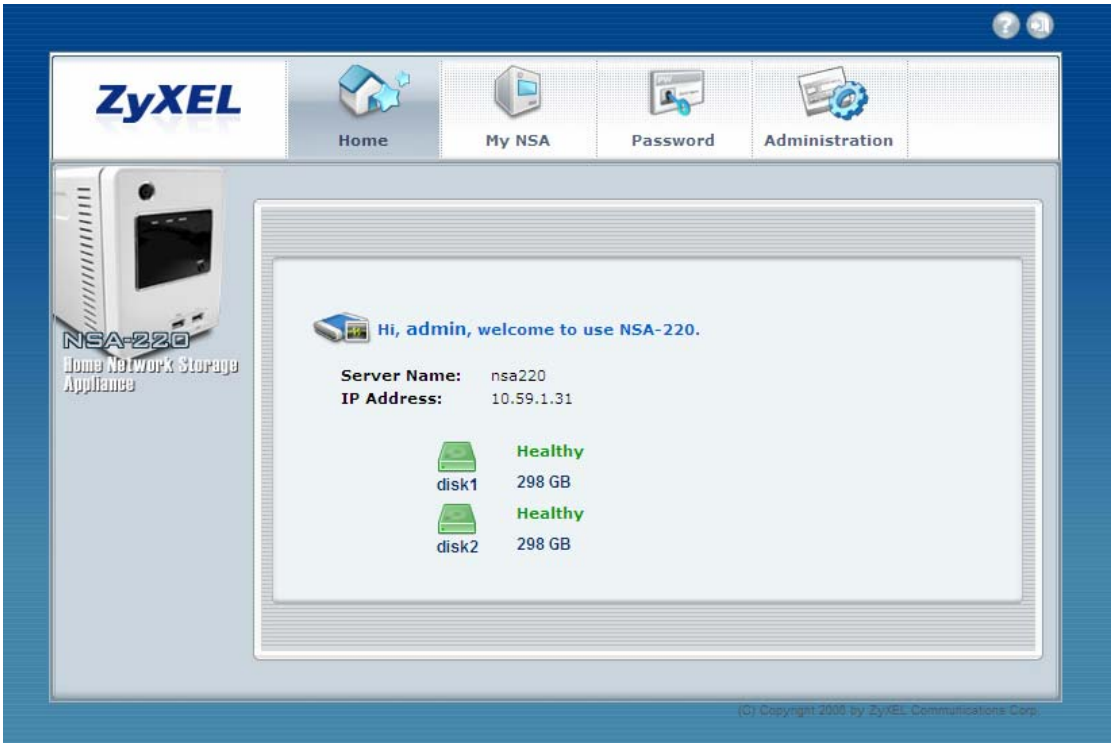
Configuration via Web GUI on ZyXEL NSA-220

1. Connect ZyXEL Storage device directly to a PC or Notebook OR connect it through a Switch with a PC or Notebook with an Ethernet Cable.
2. By default, the IP address of ZyXEL Storage device is 192.168.1.3/24
3. Set your NIC to 192.168.1.99/24
4. Open an Internet browser such as IE and enter http://192.168.1.3 in the URL field.
5. By default, you will need to insert “admin” as the username and “1234” as the password.
6. After you login successfully, you will see a screen similar to the one below.

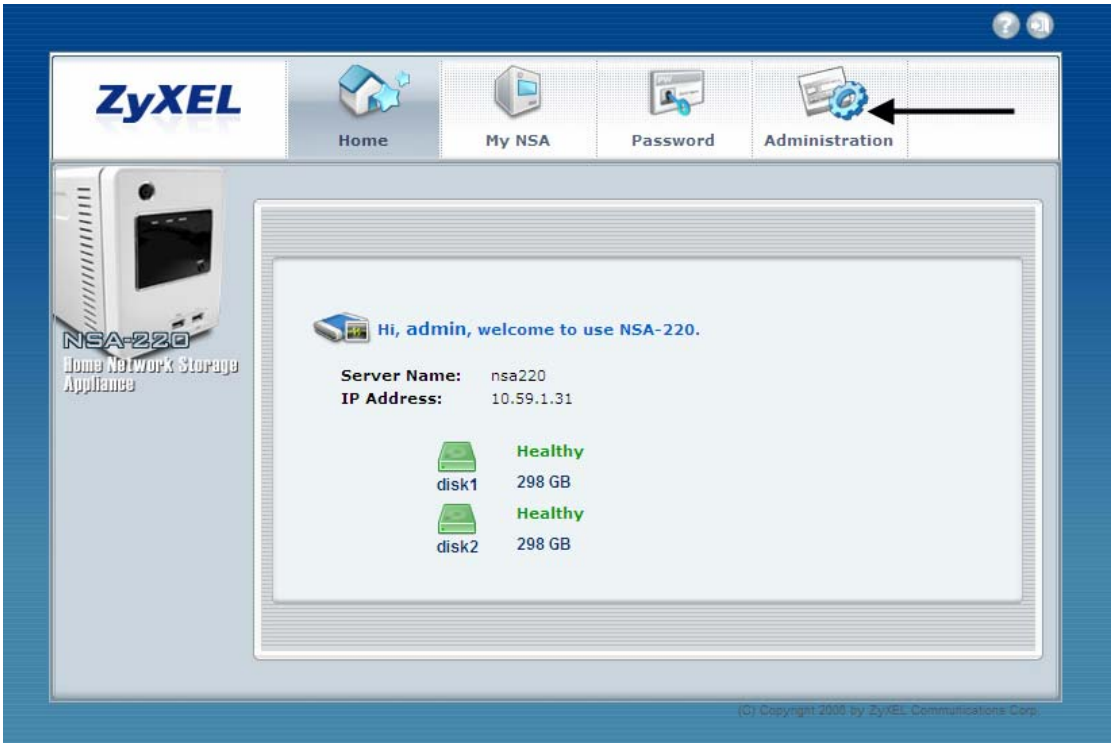


7. If it is your first time logon to the system, you will be asked to change the password. Right after that you will see the screen as below.

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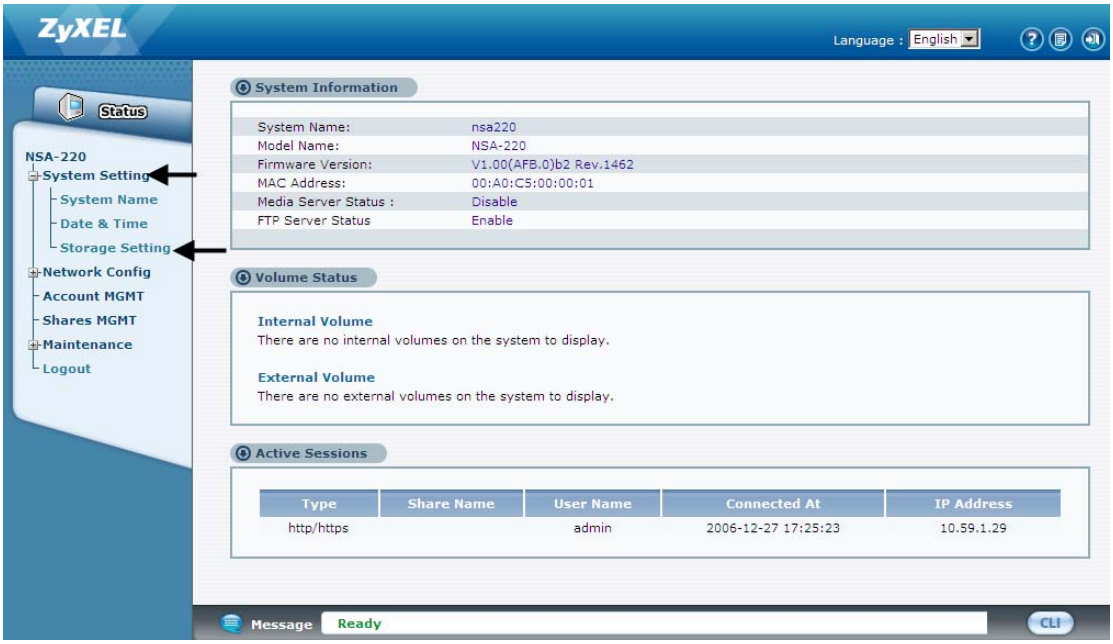


8. As you can see on the main screen, two 300GB hard drives have been detected by the device. And both of their statuses are “Healthy”. This means that you are ready to create a volume on the system.
9. To create a volume, click “Administration” on the top first.

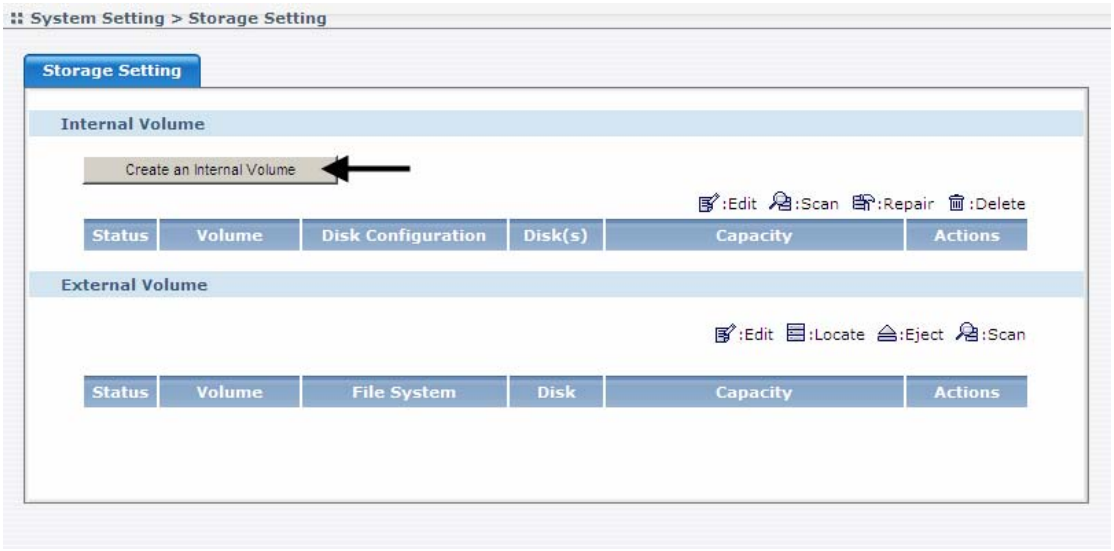


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10. Click “system Setting” → “Storage Setting”

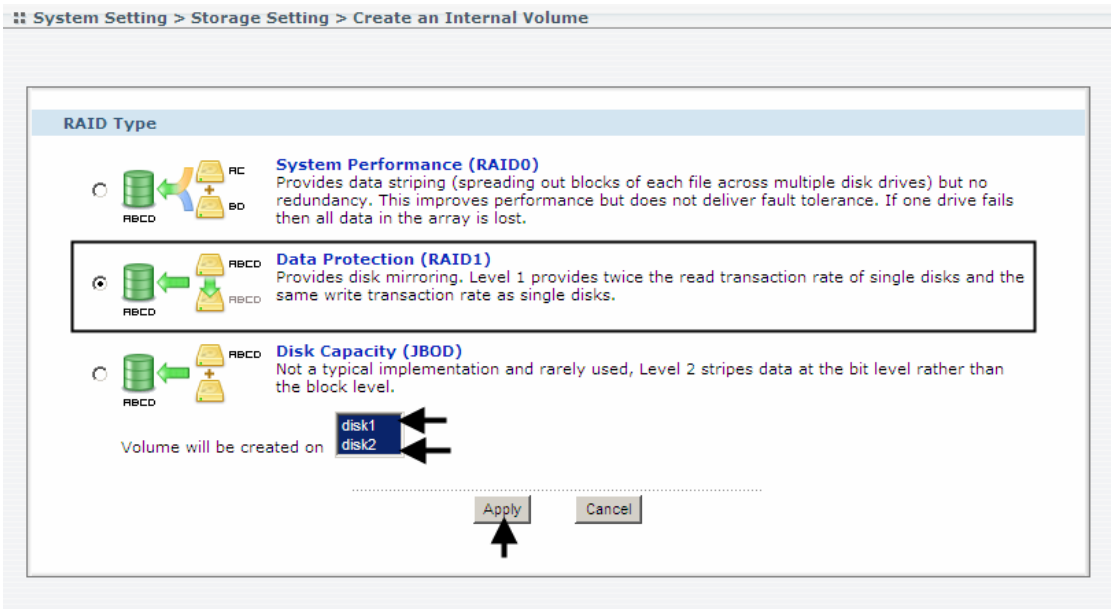


11. Click “Create an Internal Volume”

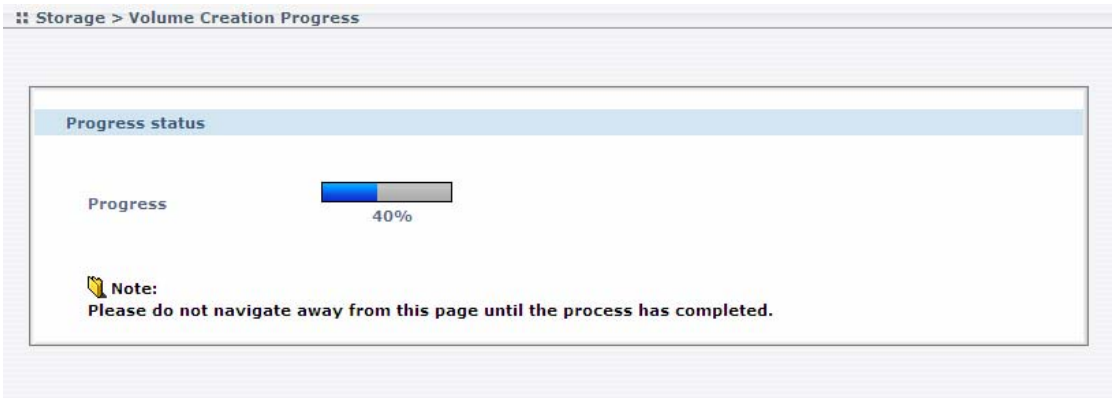


12. Since we our going to create a RAID1 mirroring volume, we choose “Data Protection (RAID1)” and select both HDs that we have on the system. And click “Apply” to store and run the new setting.

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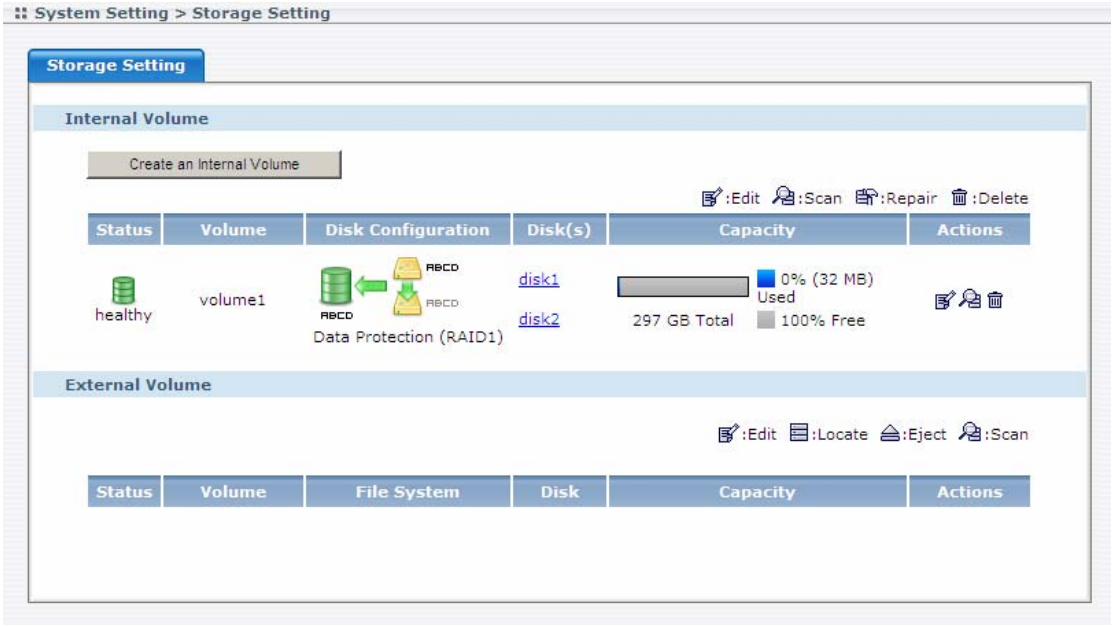


13. In the meantime, you will see a progress bar indicating the status of this volume.

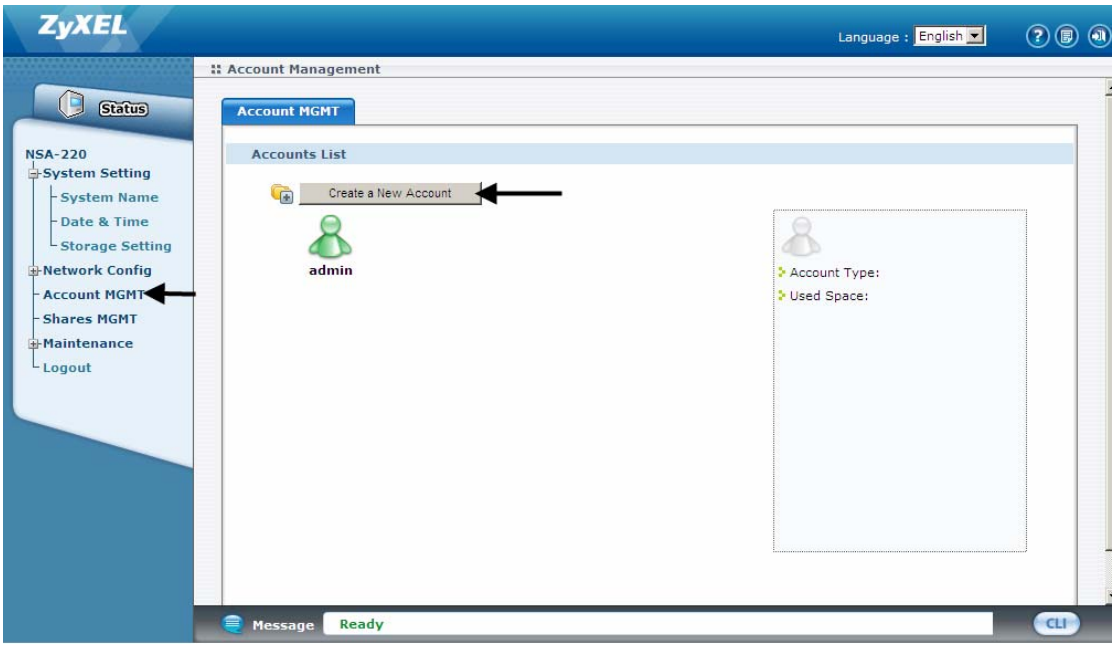


14. When it reaches 100%, it will move to another page as shown below.

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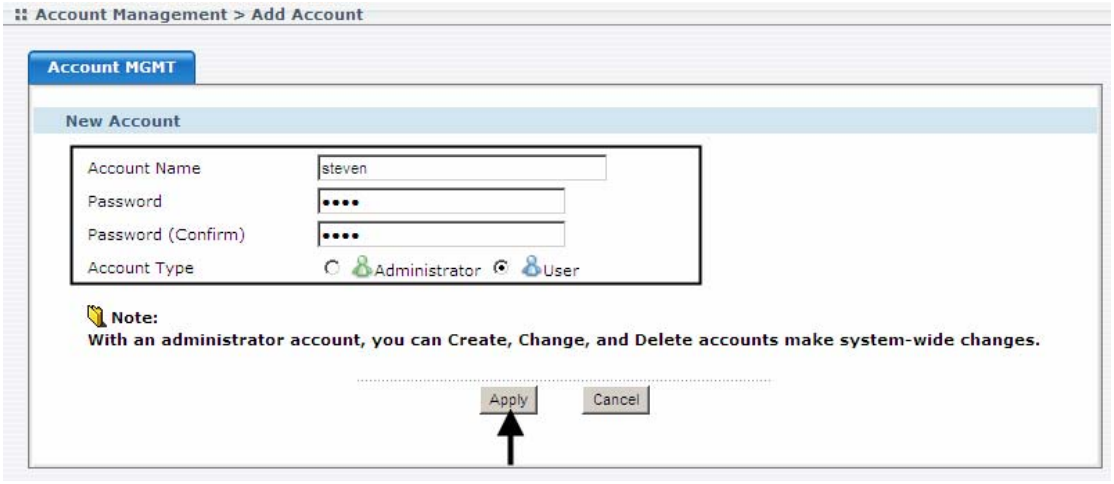


15. Now, we are going to create user account “Steven” and “Leo”. To do so, click “Account MGMT” on the left”, then after the page is loaded, click “Create a New Account”

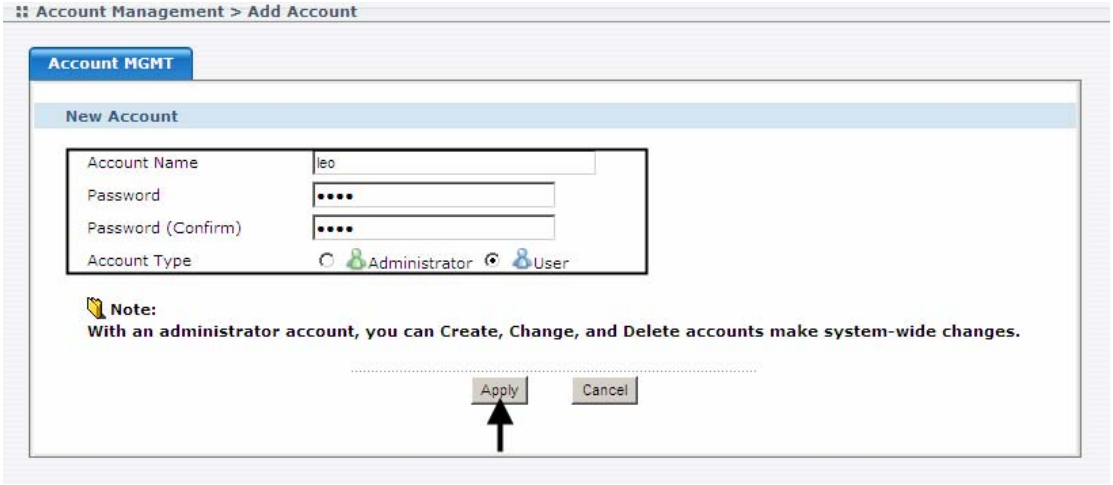


16. To create our first account “steven”, we put username “steven” in the account name. And give it a password. Set it to “User”. And click Apply to save this account.

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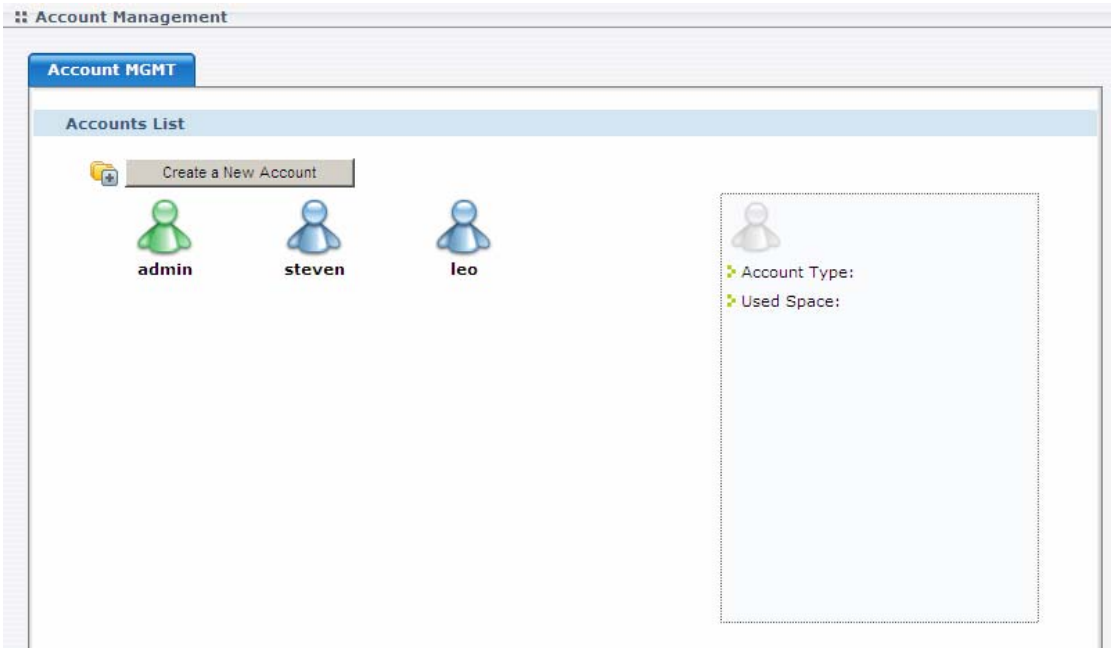


17. We can create another account “leo” by using the same procedures.

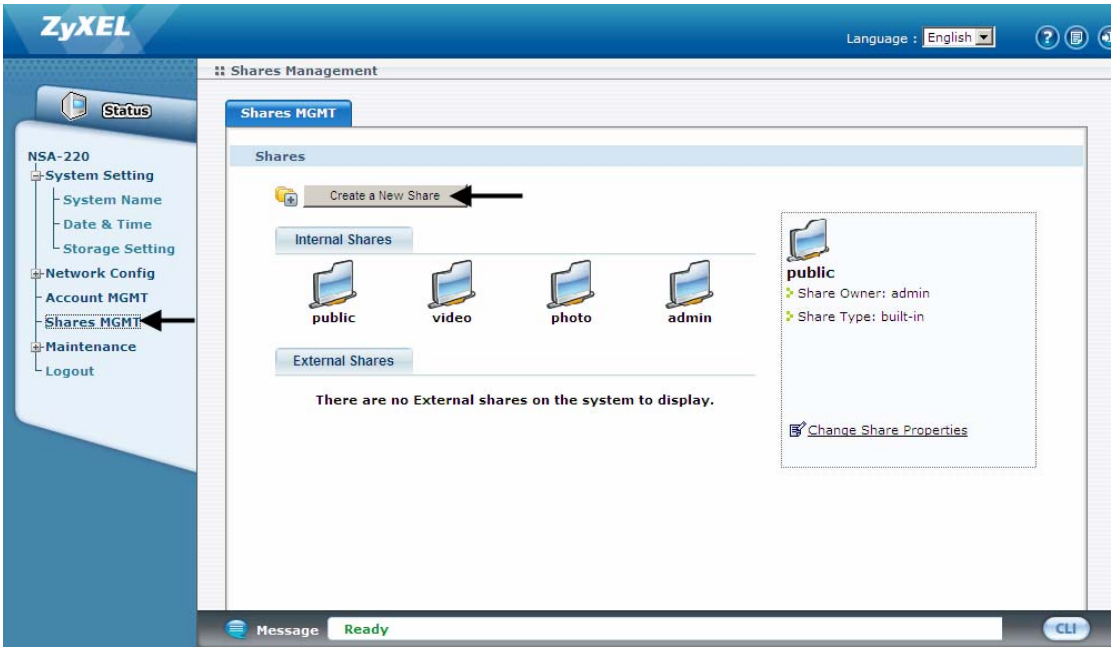


18. When this is finished, you will find that two new accounts were created in addition to the existing “admin” account.

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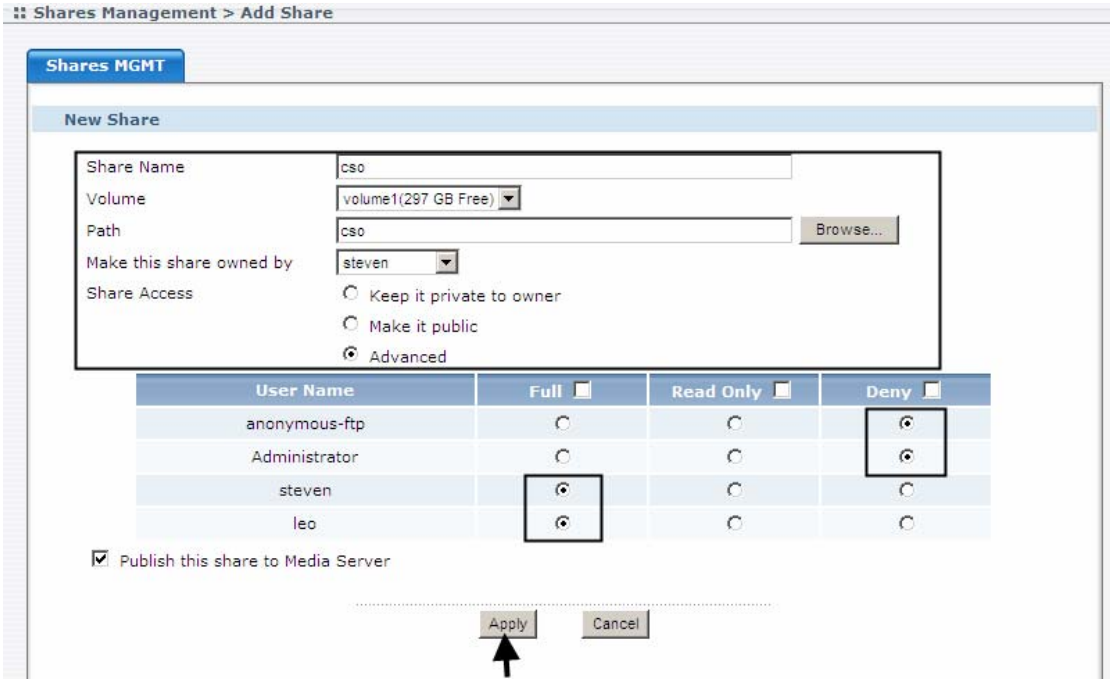


19. Now that the two user accounts were created, we are going to create a new Share “CSO” for user Steven and Leo. Click “Shares MGMT” on the left and when the page is loaded, click “Create a New Share”.

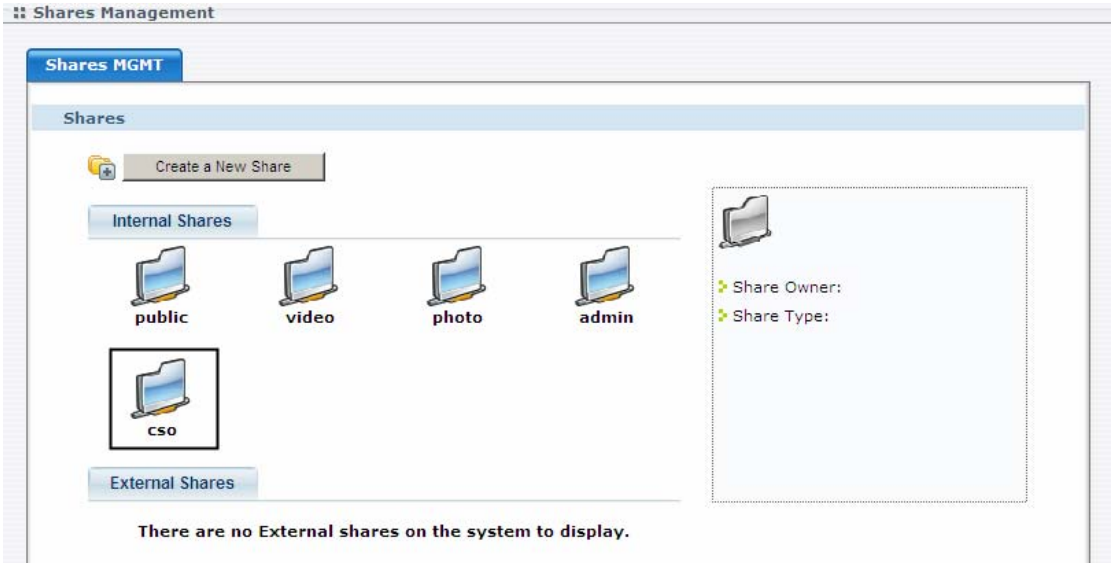


20. While placing “cso” in the Share Name and Path. Make Steven to be the owner and grant both “Full” access right to Steven and Leo. Deny whatever people if you want. Finally click “Apply” to save this change.

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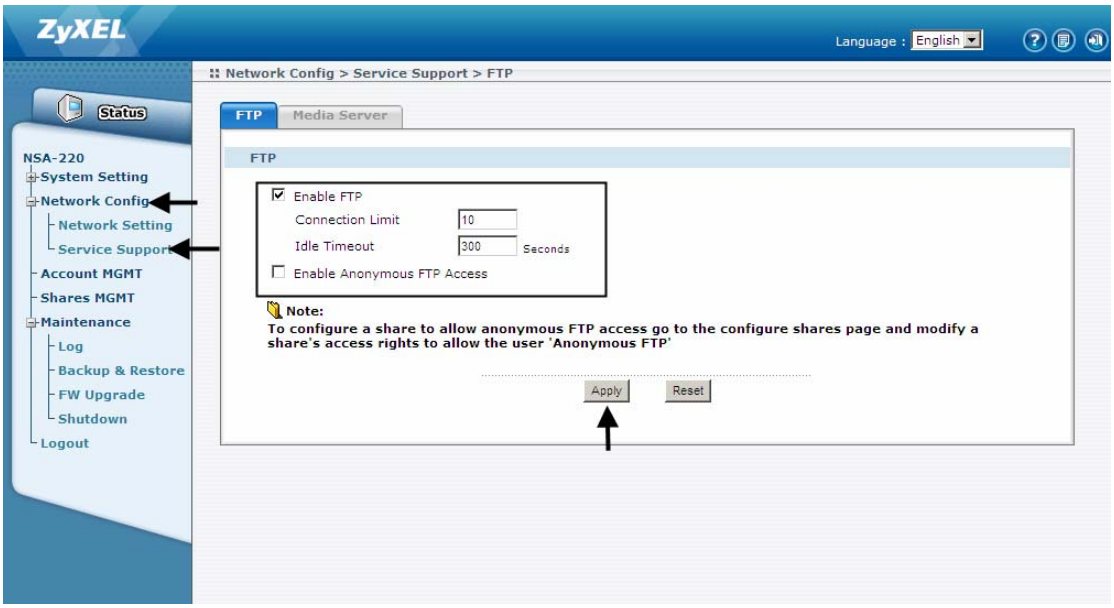


21. When this is also finished, you will see your newly created share “CSO”.



22. At this point both user accounts and the share are ready. Finally we can enable the FTP and disable anonymous FTP access to maximize the security. To do so, click “Network config” → “Service Support”, on the FTP tab, enable FTP and un-check the box “Enable Anonymous FTP Access”. Click “Apply” to save.

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23. Here you have done everything you need. Now you can use whatever FTP client tool to access NSA-220 via FTP protocol.

NOTE:

Please make sure that there is no firewall or the firewall setting has been adjusted between the client and NSA-220.

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