
Subject: OT: Need help setting up network file server.
Posted by [Krazyfoxx](#) on Tue, 10 Aug 2004 14:19:56 GMT
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now we have to send it away to get the data recovered (min. \$700.00). Out of those four comp.'s, I've built three with the other being a Gateway, but I know nothing about building or setting up a file server. I've tried talking my boss into having one installed in the past since we have GPS info, drawings, and other data spread over all four stations, but he would never listen. Well, now he's had this brilliant idea of installing a file server to centralize and back-up all our data! Anyway, I could use some advice from people in the know about whether or not I

please give me some recommendations as far as what components to use and the best way to set it up. I'm not even sure what info/specs someone would need know to give advice, so I'll put down what I know and if there's anything else needed I'll add it. Current workstation specs:

WS #1 & #2: Intel D865PERLL MB, P-4 3.0 GHz, 1,024 MB DDR400 Ram, WD Raptor 75Gb serial 150 HDD, NVIDIA Quadro4 750XGL video card, onboard Intel 82562EZ(ET) 10/100Mbps Ethernet, Win XP Pro

WS #3: Intel D850EMVR MB, P-4 2.4 GHz, 768 MB 1066MHz RDRam, WD SE 80Gb ATA 100 HDD, ATI Radeon 8500LE video card, 3Com C905C-TX 10/100 EtherLink card, Win XP Pro (this one had bad drive)

WS #4: Gateway Comp, P-4 1.5 GHz, 768 MB PC800 RDRam, 60Gb UATA 100 HDD, NVIDIA RIVA TNT2 video card, 3Com C905C-TX 10/100 EtherLink card, Win 98SE (necessary to run older versions of AutoCAD and other software)

The switch we use is a 3Com Dual Speed Switch 8. WS #2 has a dial-up modem in with internet connection sharing enabled and an Epson Stylus Photo 1280 (lpt shared) printer connected. The two plotters have network cards and plug directly into the switch, so with the plotters and four stations we have two ports remaining. If we can set up a server, we would like to put the modem in it, connect the Epson to it, and use it to store our e-mail (it is also being stored on WS #2 right now) along with all our data (currently somewhere around 150 GB total). Any help would be appreciated. Thanks.

Subject: OT: Need help setting up network file server.
Posted by [Krazyfoxx](#) on Wed, 11 Aug 2004 00:31:44 GMT
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Anybody?

Subject: OT: Need help setting up network file server.
Posted by [exnyte](#) on Wed, 11 Aug 2004 00:44:28 GMT
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Does the file server need to perform any other tasks other than Serving files?

What type of security does the file server need?

Subject: OT: Need help setting up network file server.
Posted by [spreegem](#) on Wed, 11 Aug 2004 15:42:36 GMT
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All you need is some computer to save all the files onto . . . What's so hard about that? But if you want it to be secure and able to access it from home . . . Get Debian Linux . . . <http://www.debian.org> install that onto the computer and set it to be a webserver during install. Configure Apache and set up a Samba server on it. Add it to my network places or whatever for when you at work, just go there, drag and drop the files, copy past, whatever. If you want to access it from home you will need to configure apache and I would reccomend getting a free domain for it unless you have a static IP. <http://www.no-ip.com> that will give you a free domain for it, and automatically update the IP of the server for the domain if it is not static. <http://www.apache.org> Don't ask me about all the configurations and stuff, my dad set up the webserver for me, all I do is use it and manage it, I know a few simple things in case soemthing goes wrong, that abotu it. Ohh yeah, you'll want to install Gnome and VNC server, then you can VNC into the server from your home computer which is kinda cool because you can see it's desktop and play games like tetris and asteroids from anywhere in the world. . . To start VNC server once it is installed simply type VNCServer, to start No-Ip type noip2. You should get no reply after you do both of those, if it says something than usually soemthing is wrong, or it may say soemthign like New 'X' desktop is deb1:2

Starting applications specified in /etc/X11/Xsession
Log file is /root/.vnc/deb1:2.log

which is ok for VNC. . .

It does take a while to install and you have to baby sit it the entire time pretty much, when it gets the packages though, then you can leave for about 1/2 an hour. . .
