How to Use Auto Provison

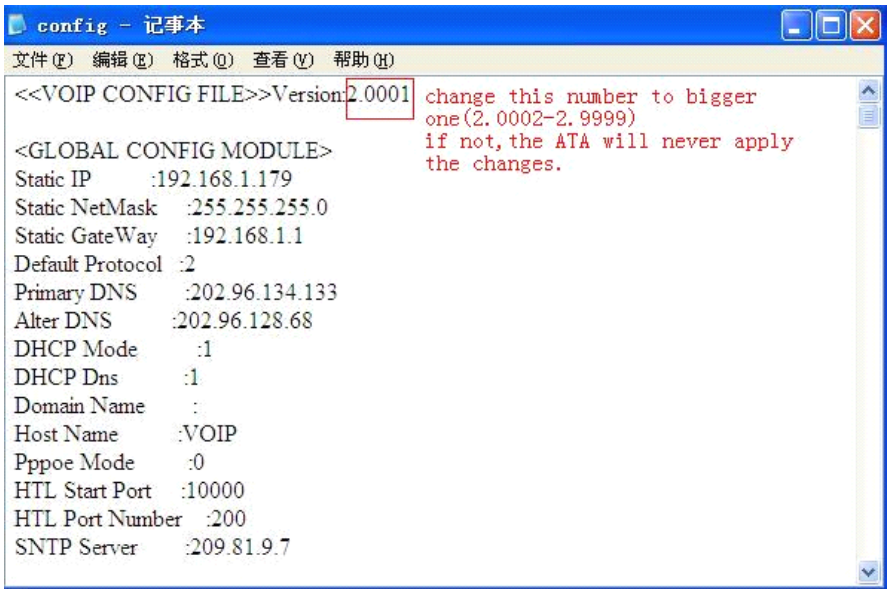
1.save the config.txt

Login webpage , Config Manage->Save Config->backup config

Right click to save the config file(.txt)

2.change config file version

open the config.txt ,change the version bigger than current version(for example change 2.0001 to 2.0002) the number should between 2.0001 to 2.9999

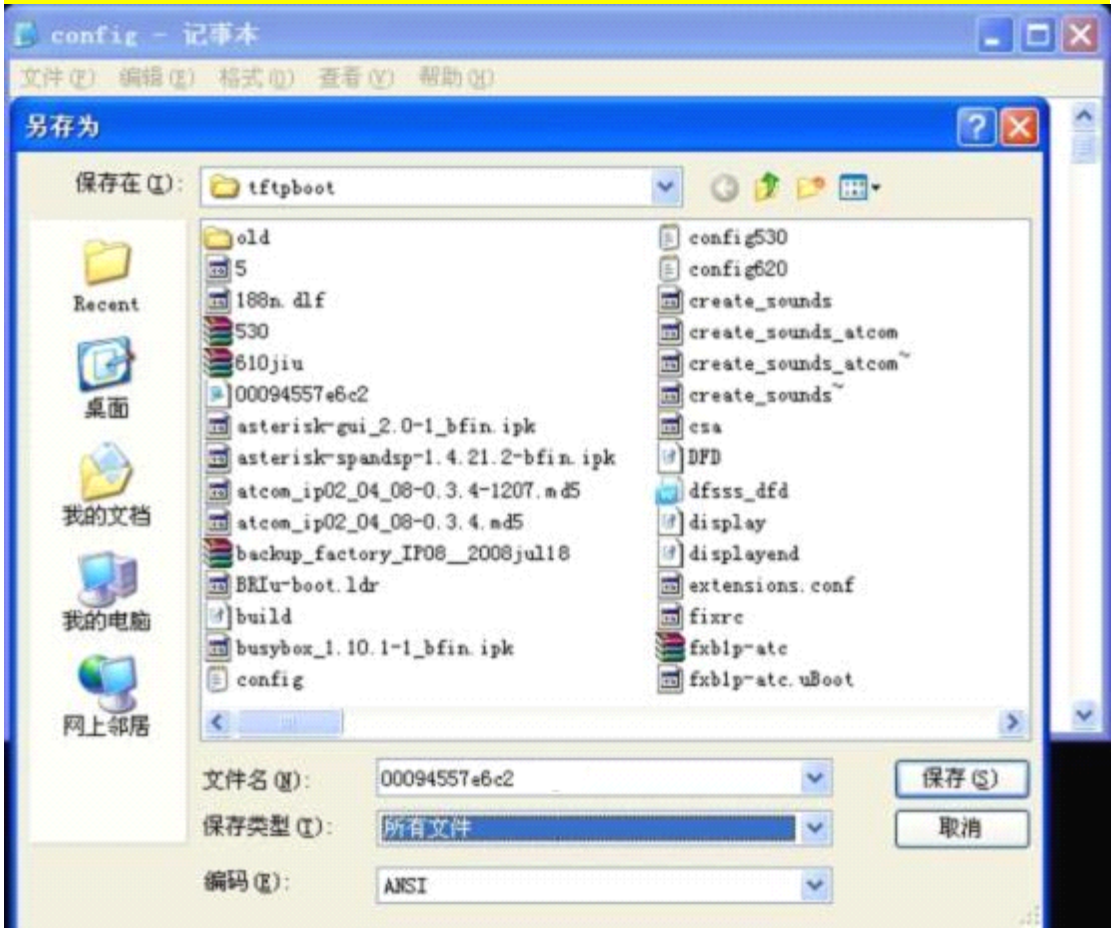


ATA :ipphone or gateway

3.name file and put it in the server directory

If you want it download according to file name,you need to fill the config.txt in the blank of Config File Name in GUI

If you want your ATA download config file according to Mac address,please save the config.txt as xxxxxxxxxxx(for example my AT530's mac address is 00:09:45:57:e6:c2,the file should be named as 00094557e6c2) and keep the Config File Name as blank in GUI.



Please remember to put the config file in the directory which was set in the server

4.set in webpage :

Update->Auto Provisioning

please fill the ip ,username and password of your FTP server in the blank(if use tftp, just fill the config file name(config.txt) choose FTP or tftp, update interval time and update mode. apply it. Please see below for details.

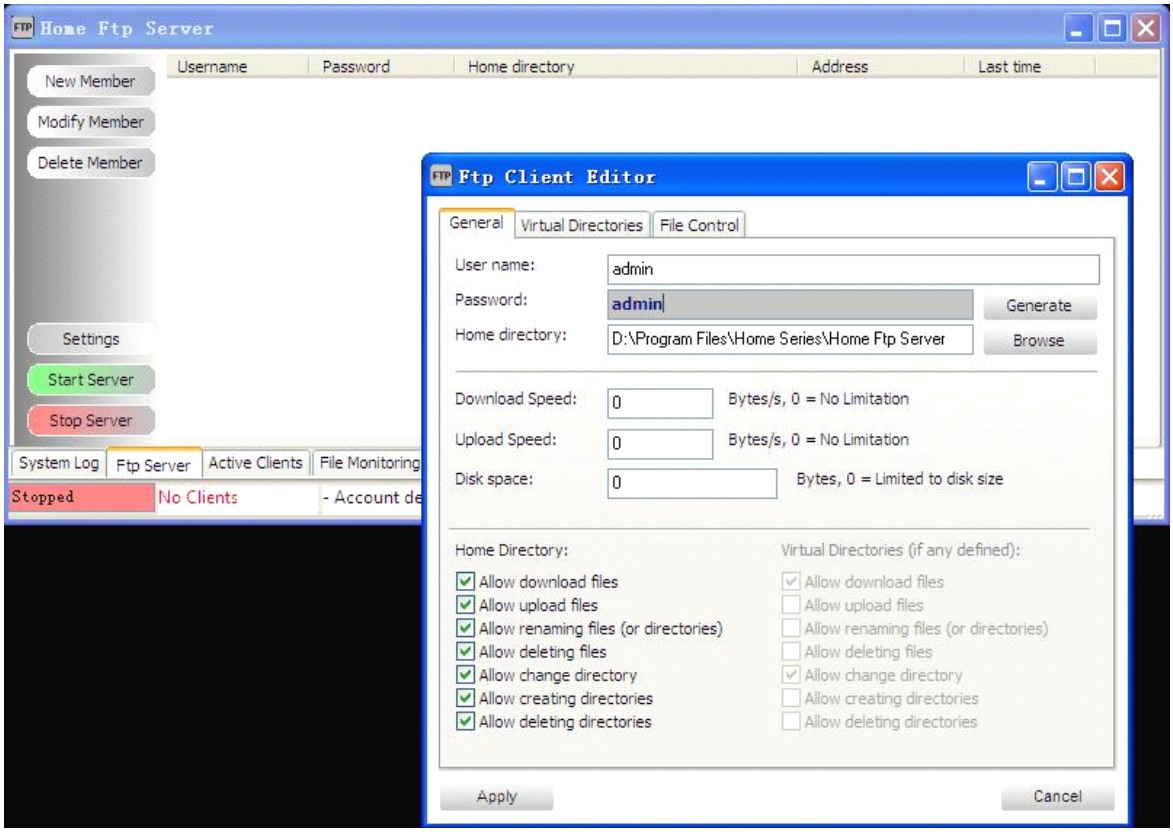
5.establish your FTP or tftp server

For FTP,click here
For tftp,click here

For FTP:

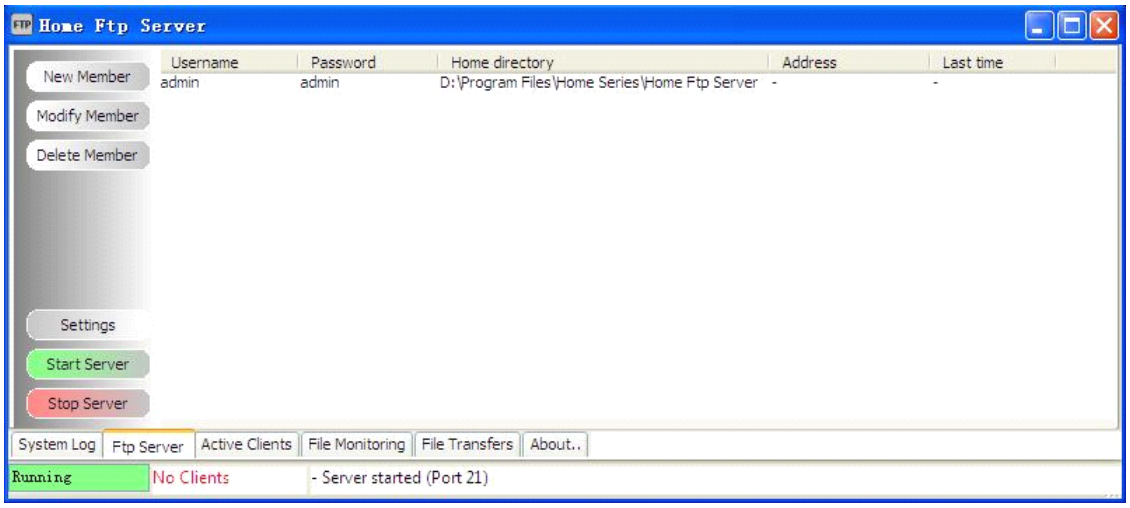
http://esin.onlinedown.net/down/HomeFtpServerInstall.zip for HomeFtp download

Open the Home Ftp Server,and click Ftp Server ->New Member
Creat user password and directory then apply



start server

Press the green button,the state will truns from stopped to running
That means your FTP server can be used now



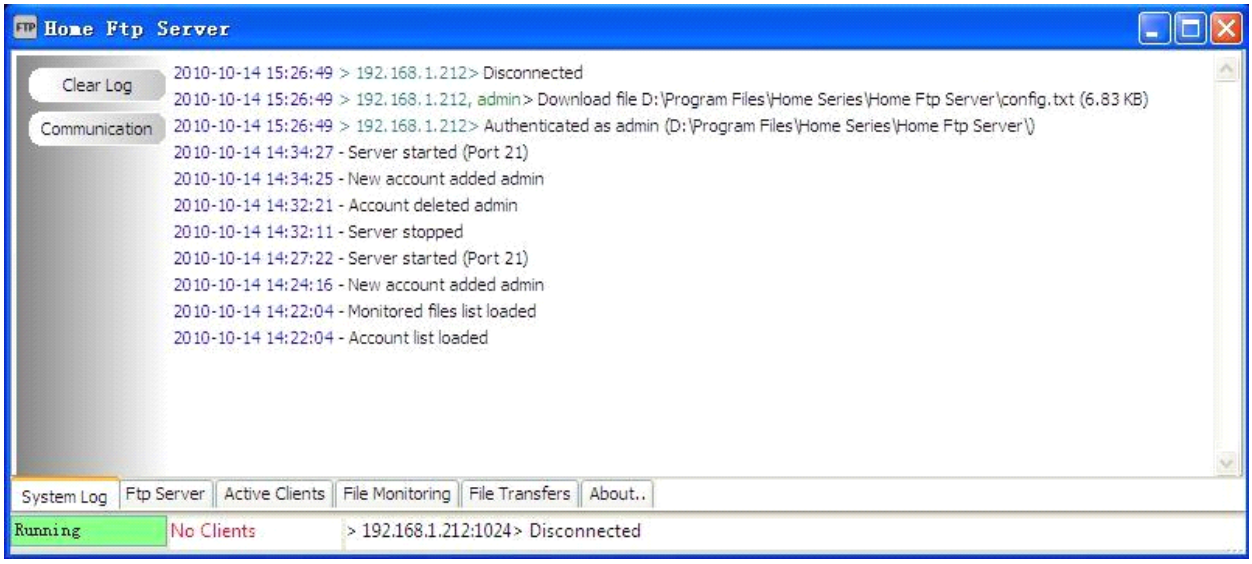
Put your config file into that direcotry(in this example is D:\Program Files\Home series\Home FTP Server).

Set in GUI

For update with MAC address, do not fill the blank of Config File Name.

Save config , and put config.txt file in download directory.

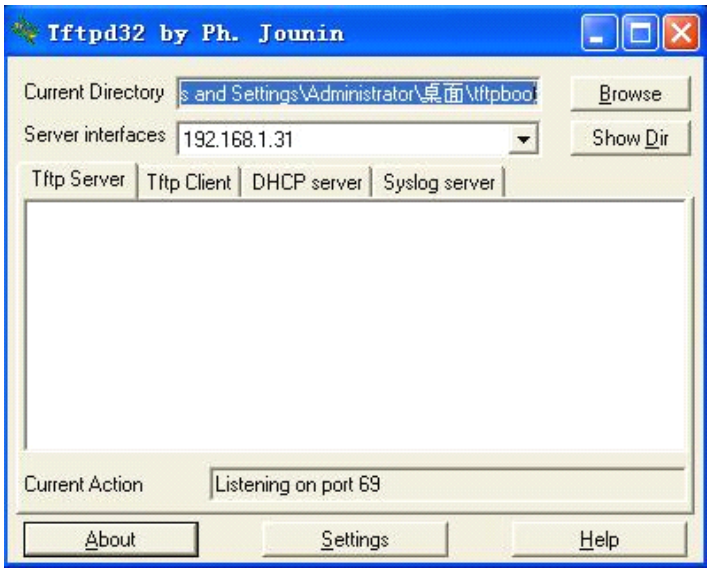
After the time interval,the ATA will download file from your FTP server automatically.



you can see from system log,the ATA has already download the file from FTP server.

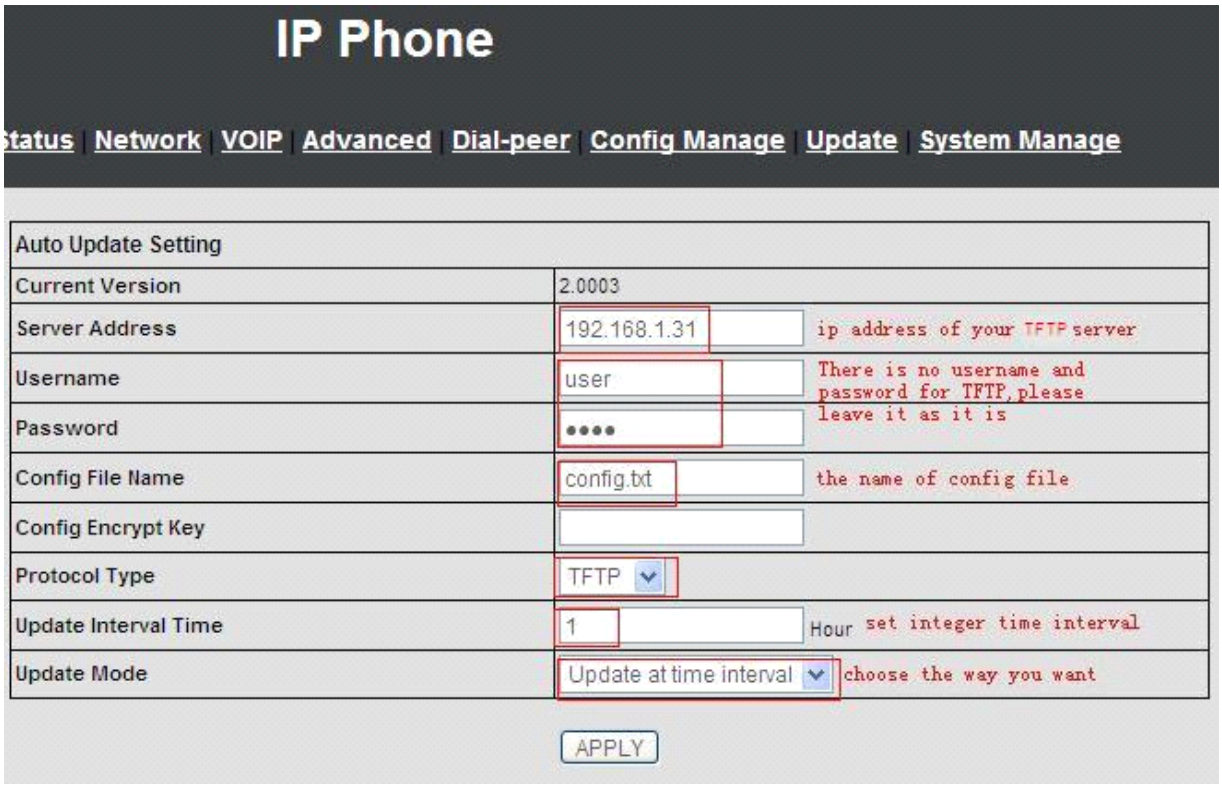
For TFTP:

1.start the TFTP server, in this example I use tftpd32 , and I set the directory as C:\Documents and Settings\Administrator\桌面\tftpboot



config the information of phone or gateway

1. login the page of auto update config file from phone or gateway,fill the blank as following:

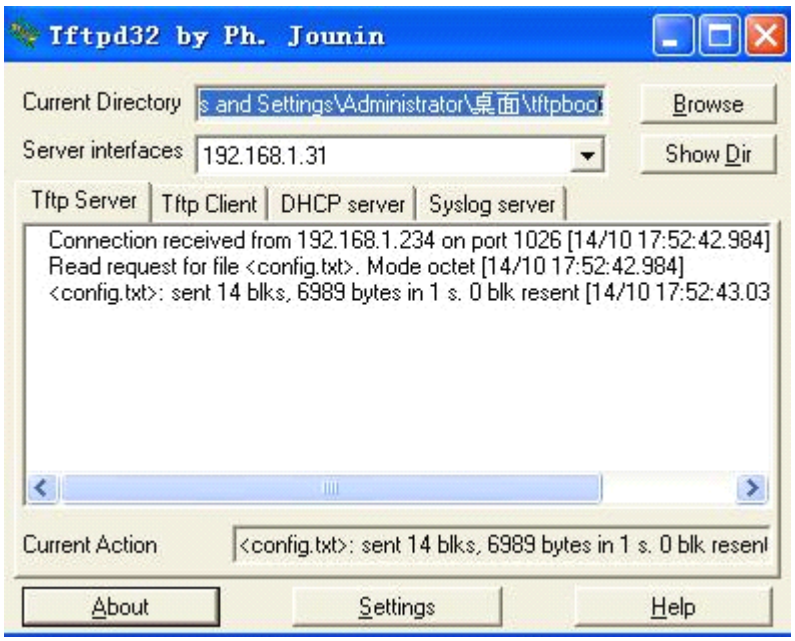


For update with MAC address, do not fill the blank of Config File Name.

2.Apply and save the config in config Manage-→save config , and save config.txt file in download directory.

3. If you choose Update after reboot, just reboot the phone or gateway.

After that ,when the ATA start to auto provision, the tftp server will show the message



That means the ATA has already download the config file.

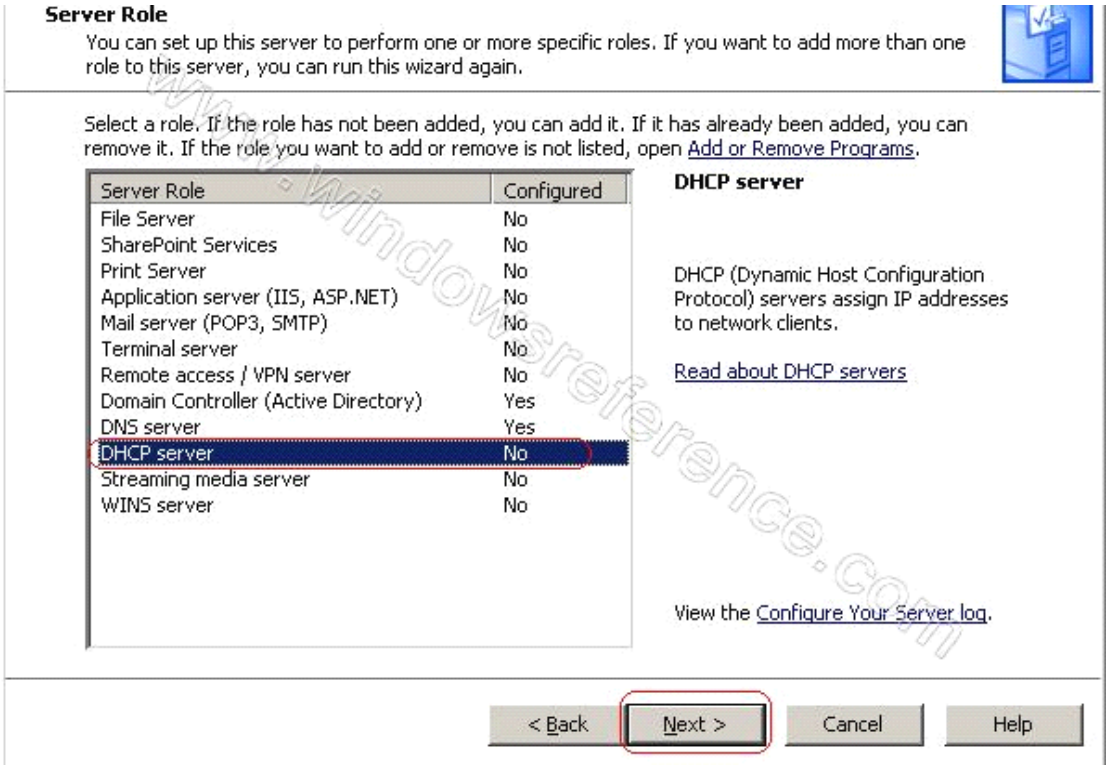
OPTION 66

- If you need to use option 66 in auto provison ,you should enable option 66 in your DHCP server first.We make DHCP server in Windows Server 2003 for example.

1.manage server to creat a DHCP server

2.Add DHCP server

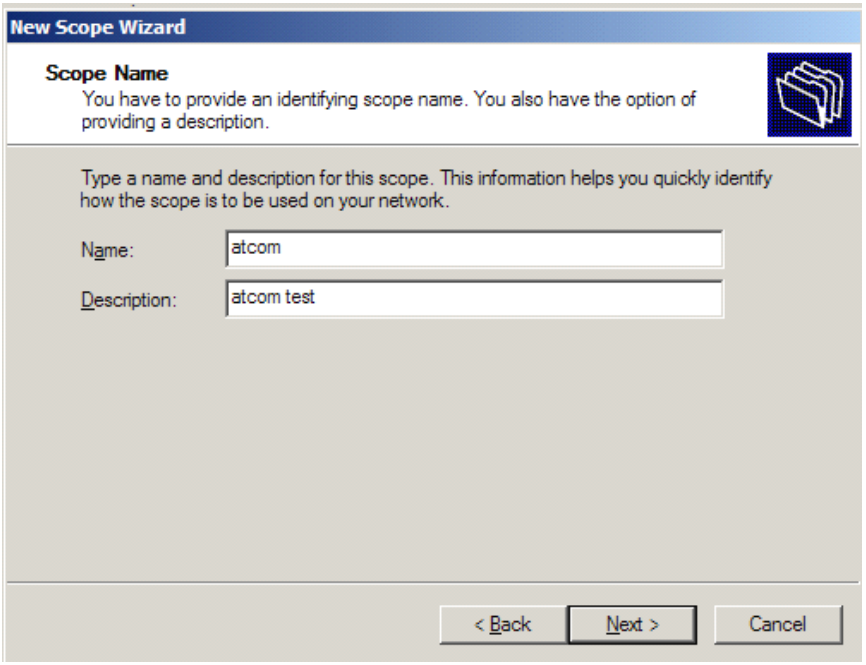
3.choose DHCP server



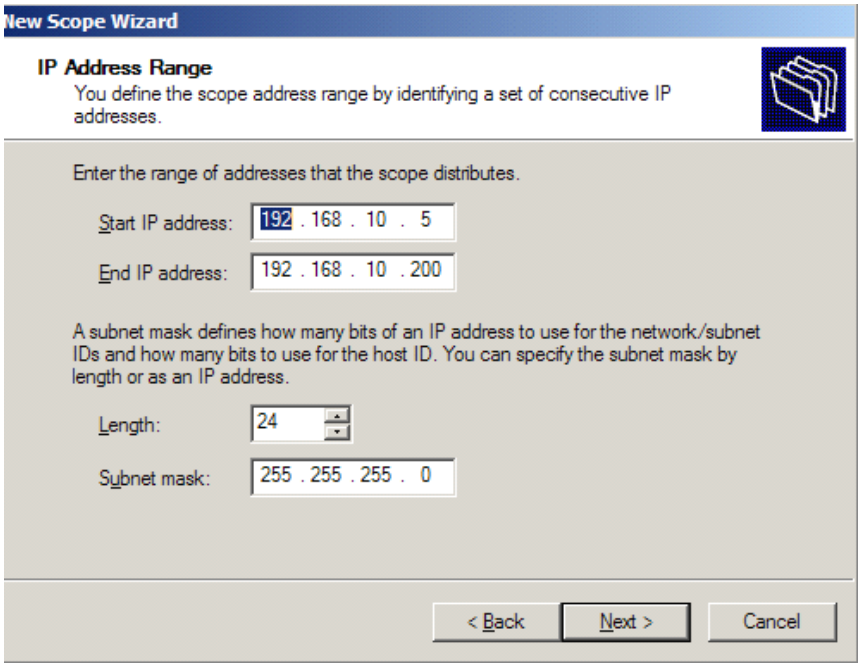
4.After you have installed DHCP server ,you can configure it now.

◆ Configure DHCP server

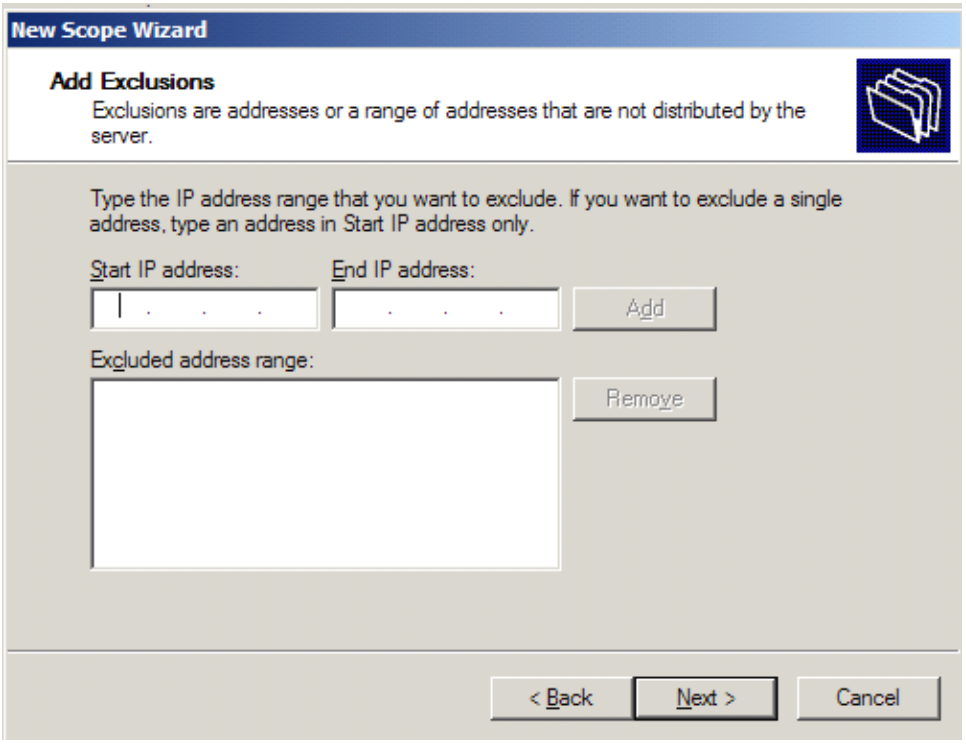
Set the name of your scope.



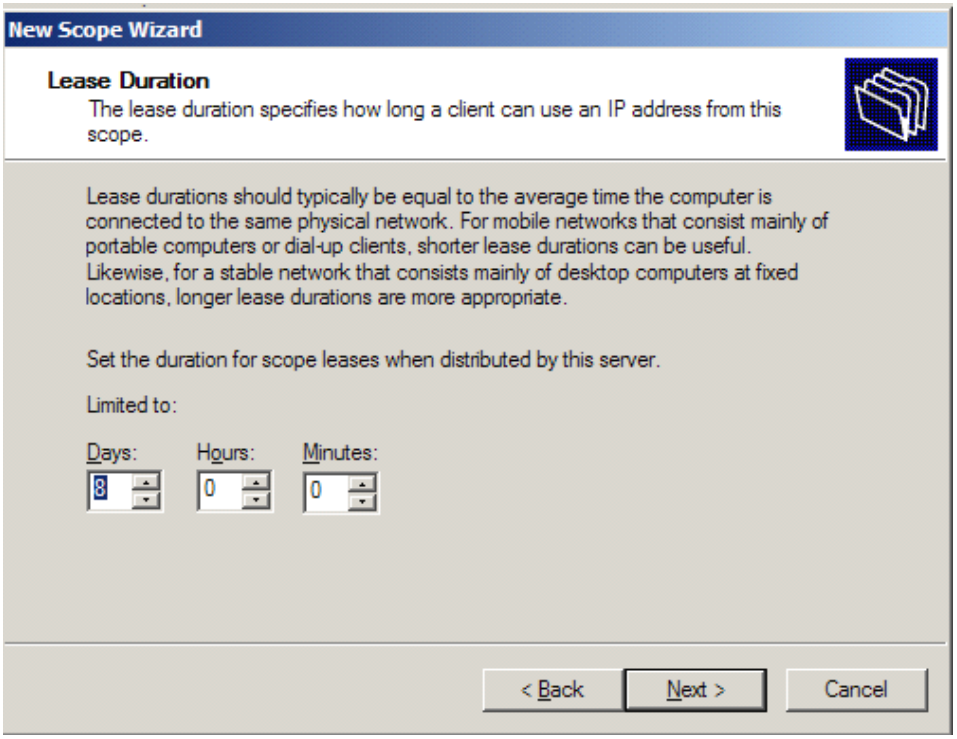
Set the start ip and end ip provide by your dhcp server



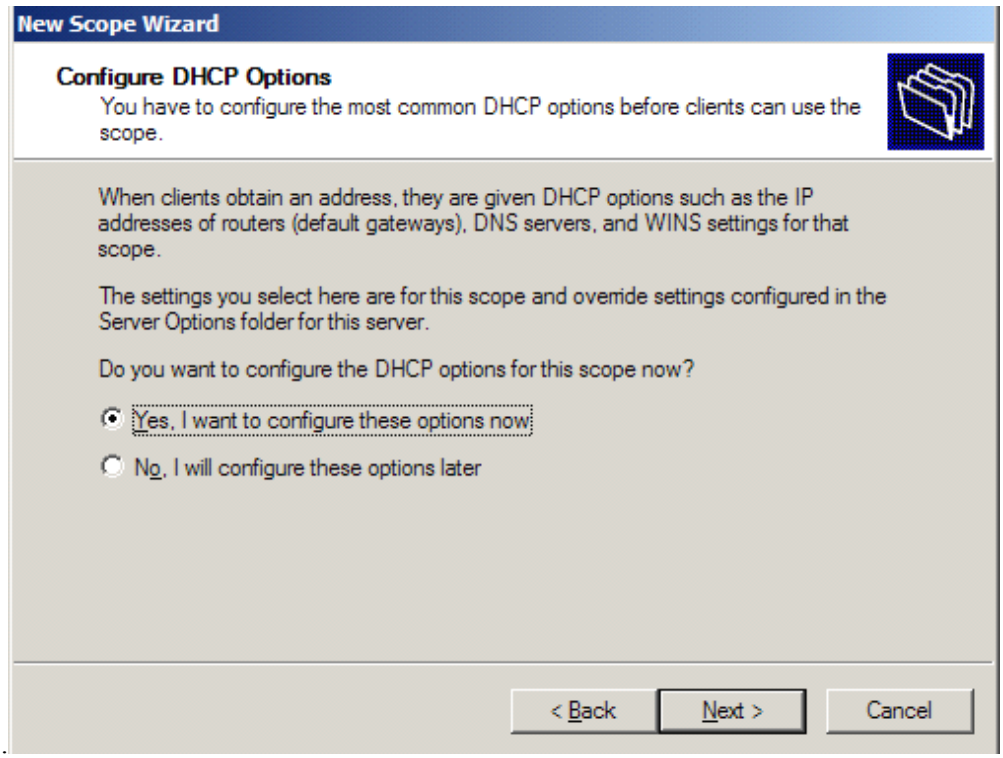
Set the ip you want to exclude, or skip this step.



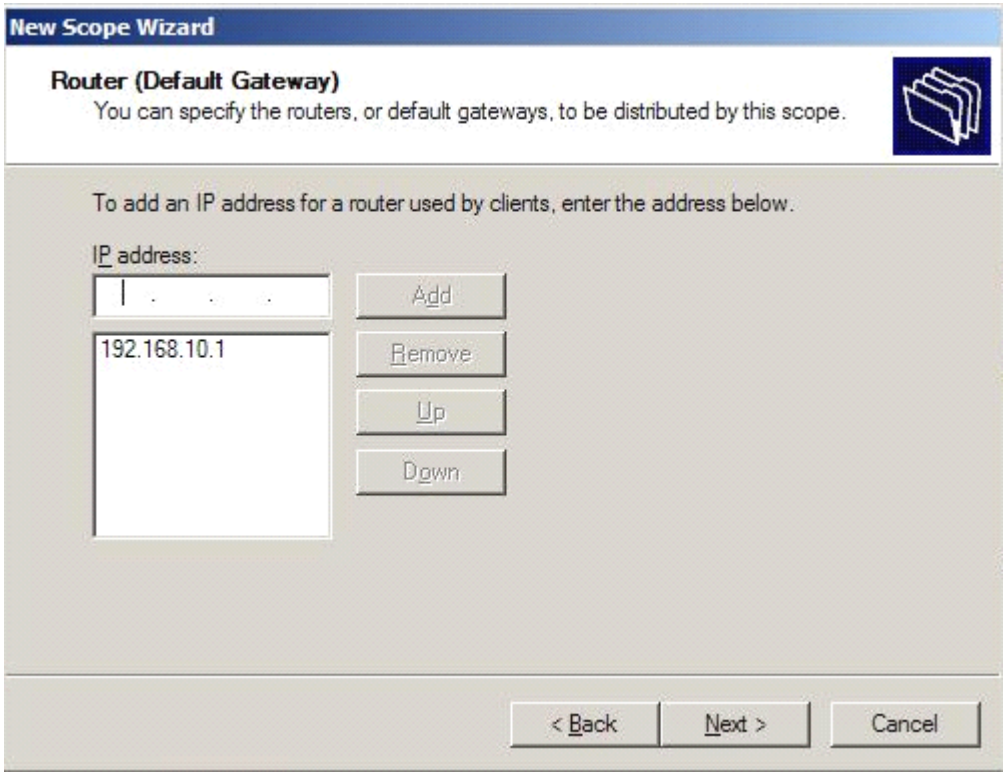
set lease duration or keep it as default



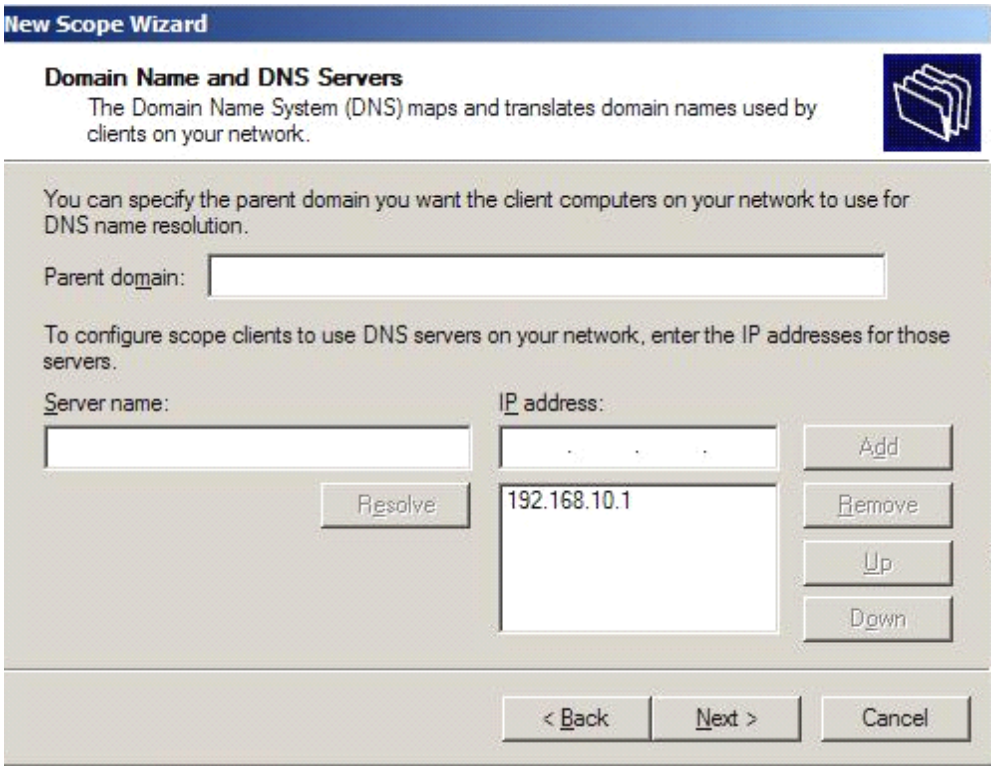
Configure DHCP options



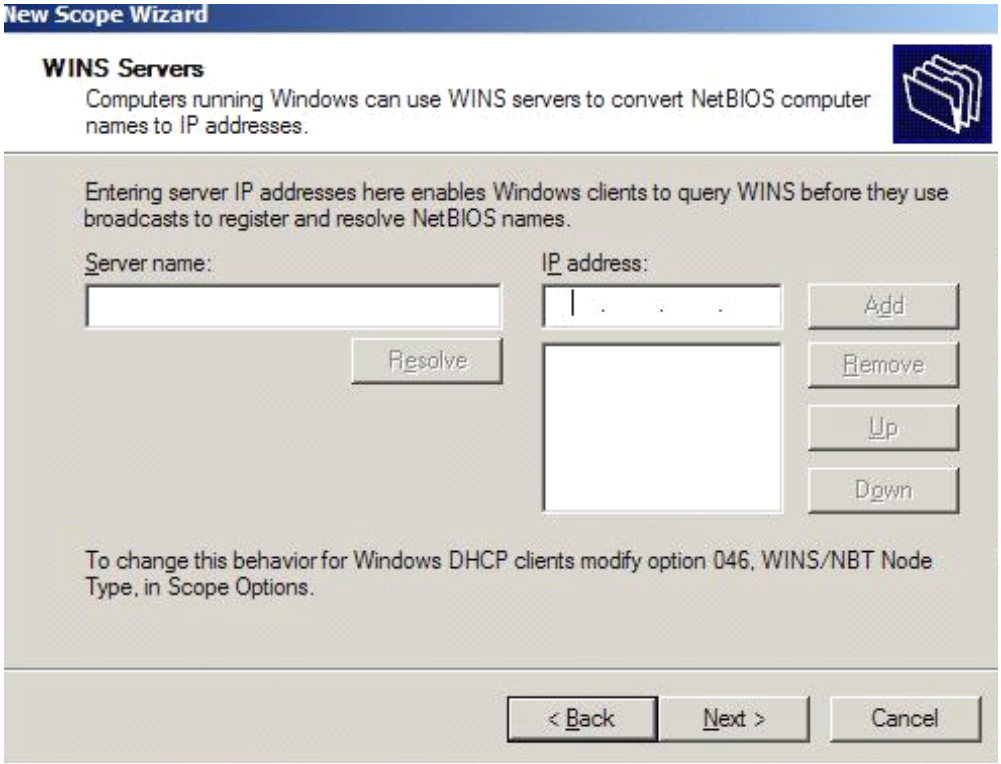
Set default gateway you want to use (for example 192.168.10.1)



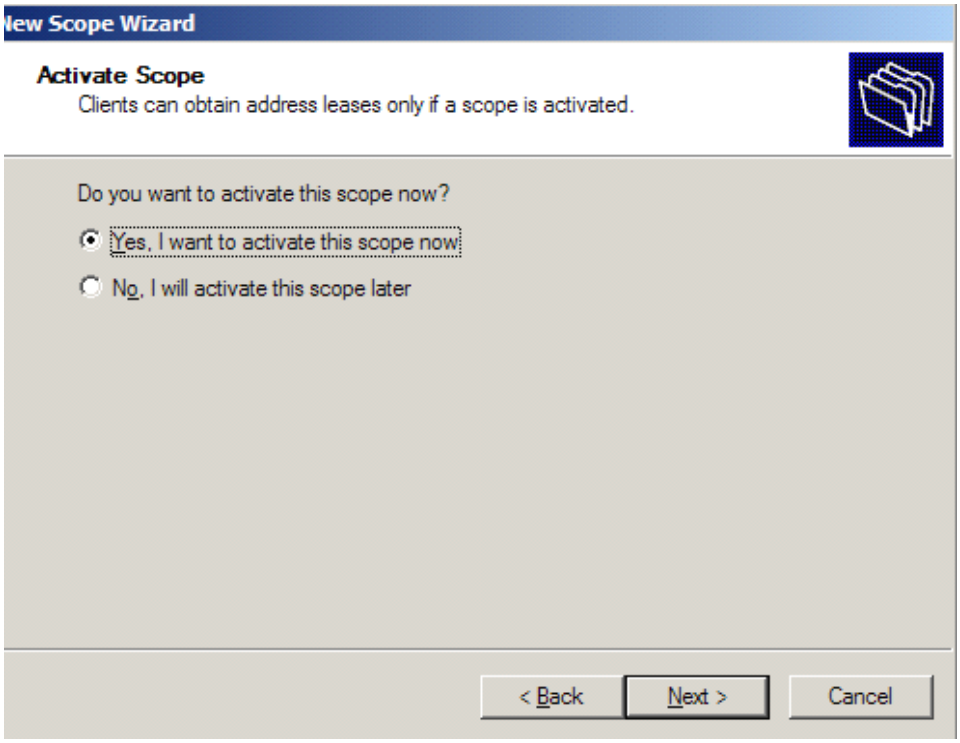
Set DNS



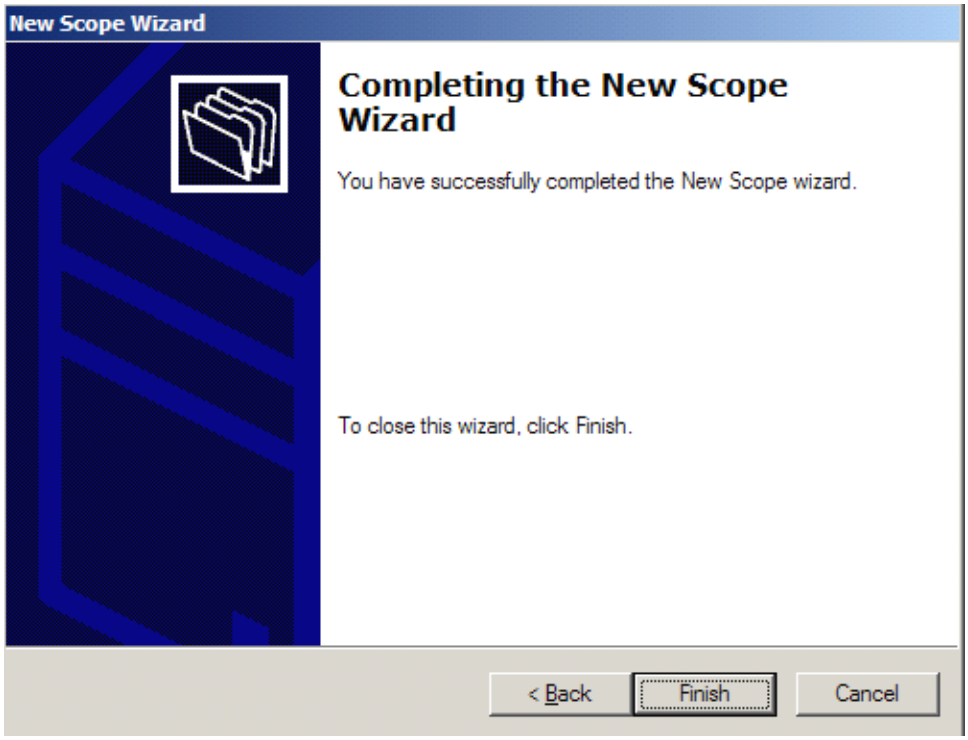
Set WINS or just keep it as blank



Active scope

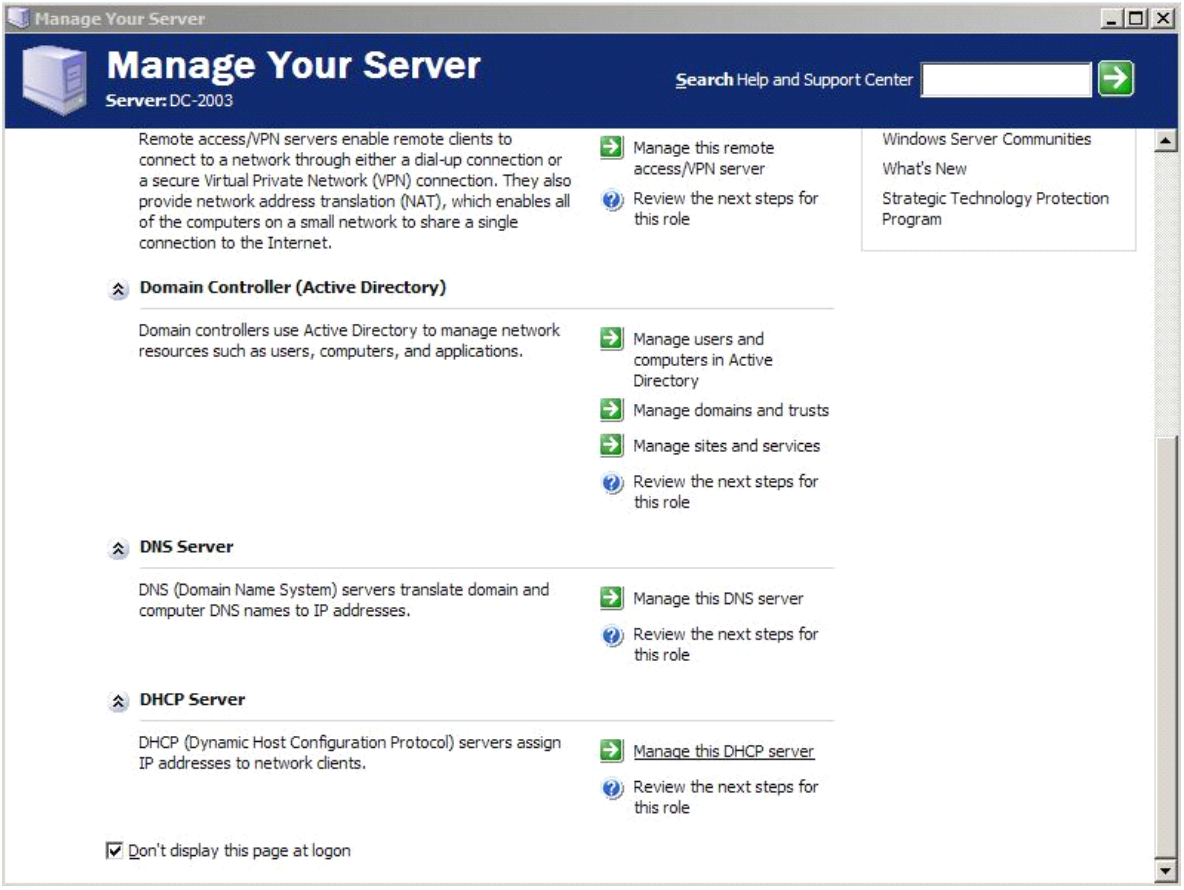


Complete

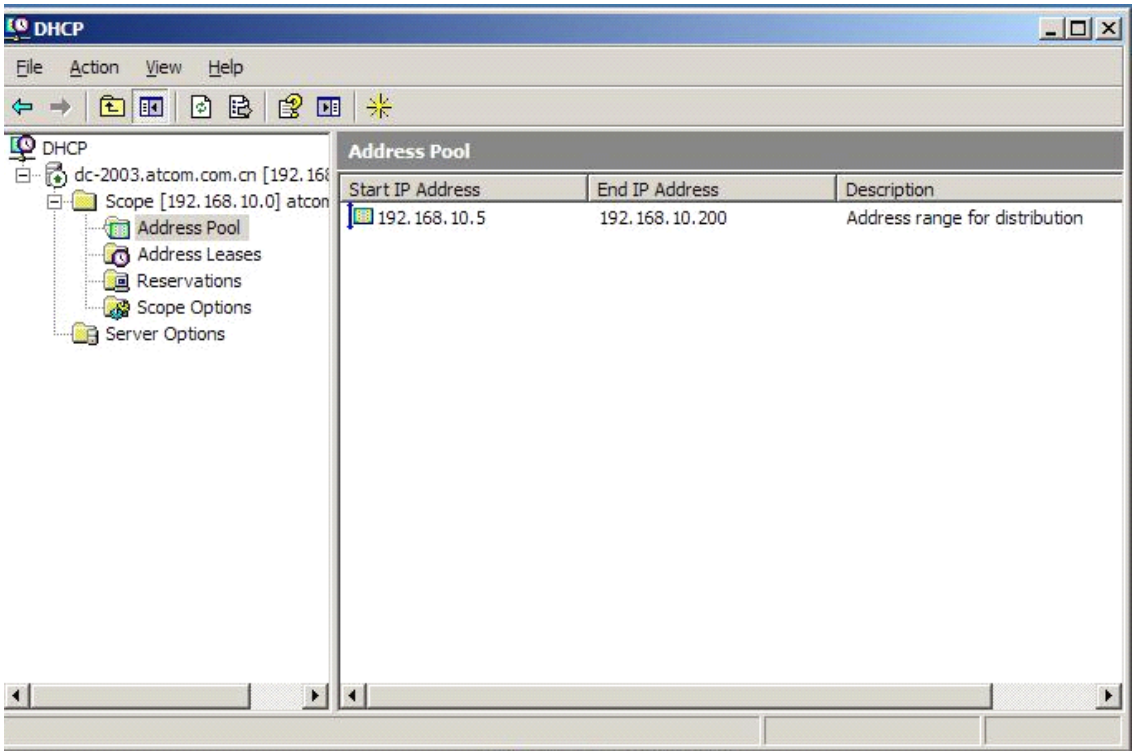


◆ After finish setting scope,you can go to DHCP server for details.

1. Manage the DHCP server-> Mange this DHCP server

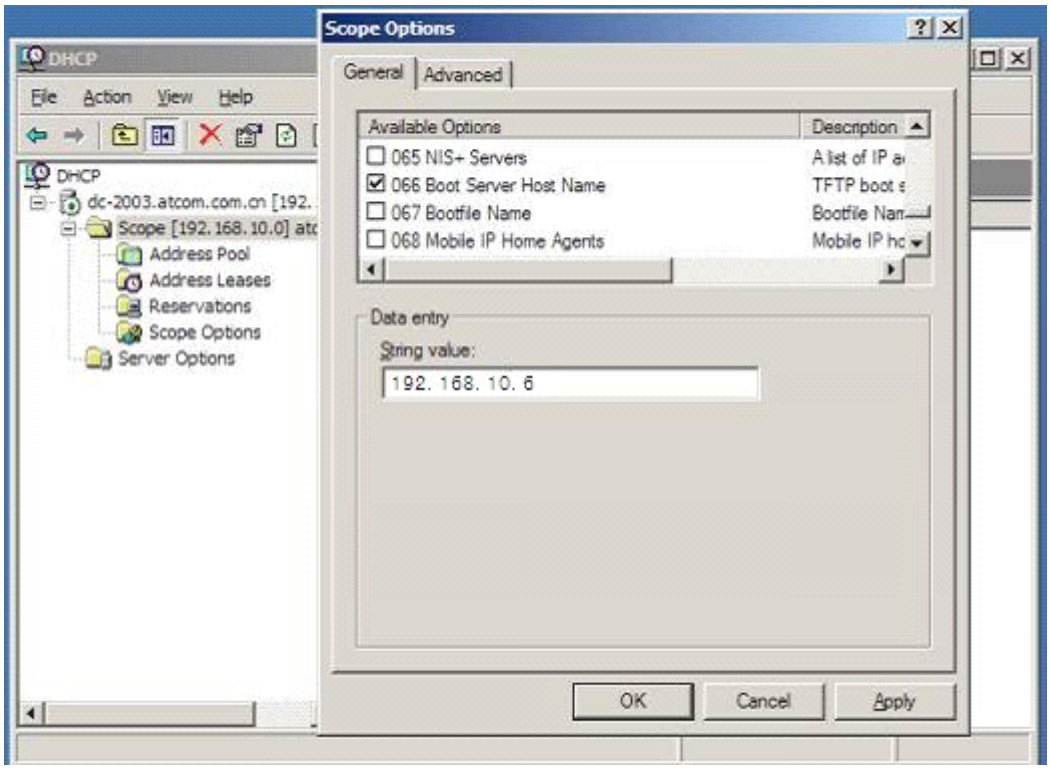


2. Right click on the Scope and click authorize, to run the scope,after authorize,you can see the arrow before the DHCP server will turns green.



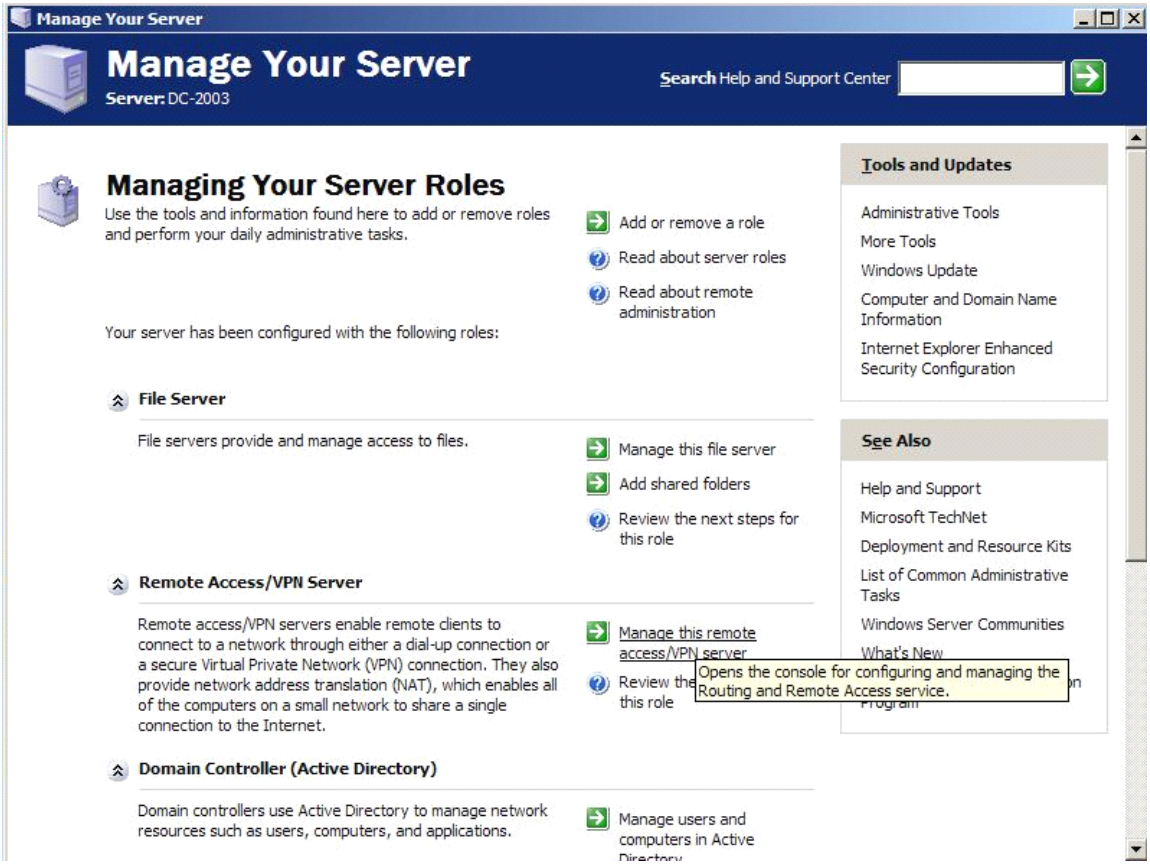
- Now you can connect LAN of DHCP server, IPPHONE and tftp server to the switch.The ipphone and computer with tftp server should set to DHCP, they will obtain an ip. For example ipphone get 192.168.10.5, computer with tftp server get 192.168.10.6.

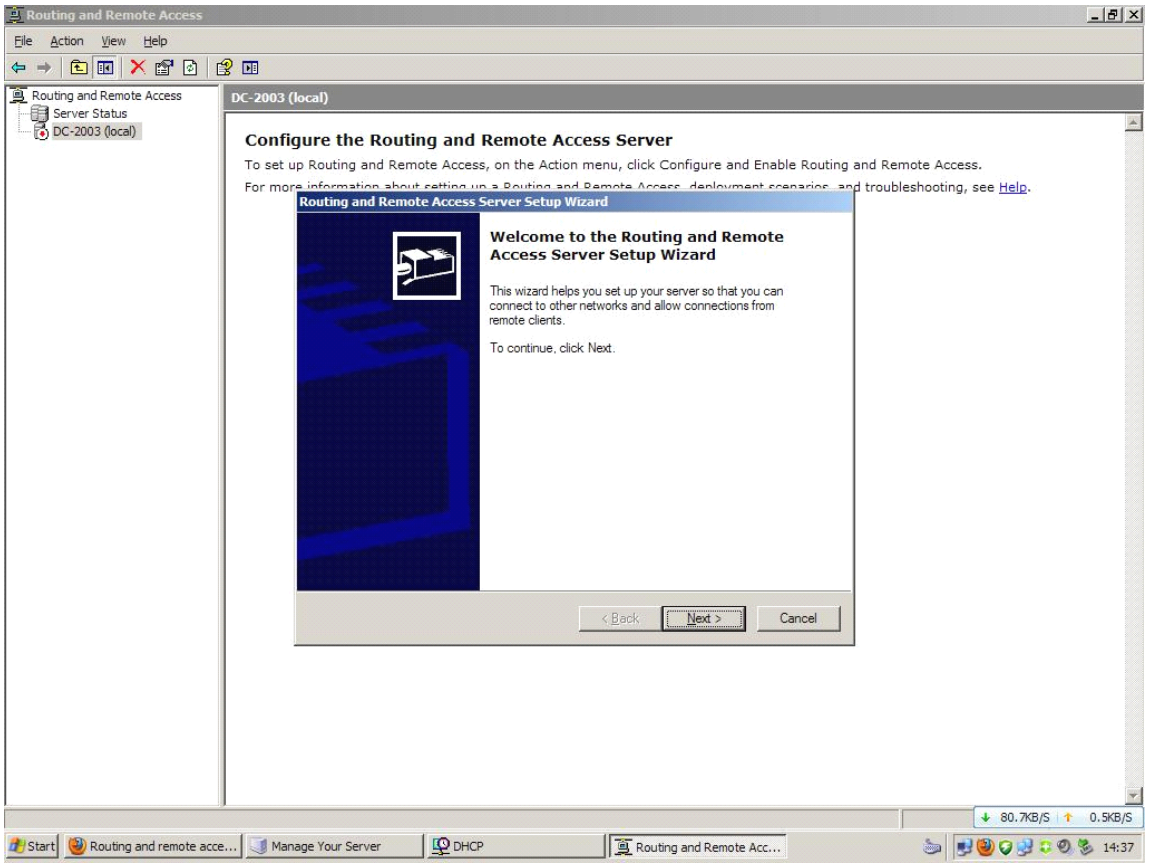
Choose option 66 in Scope options and Server options ,and set the string value as the ip of your tftp server.

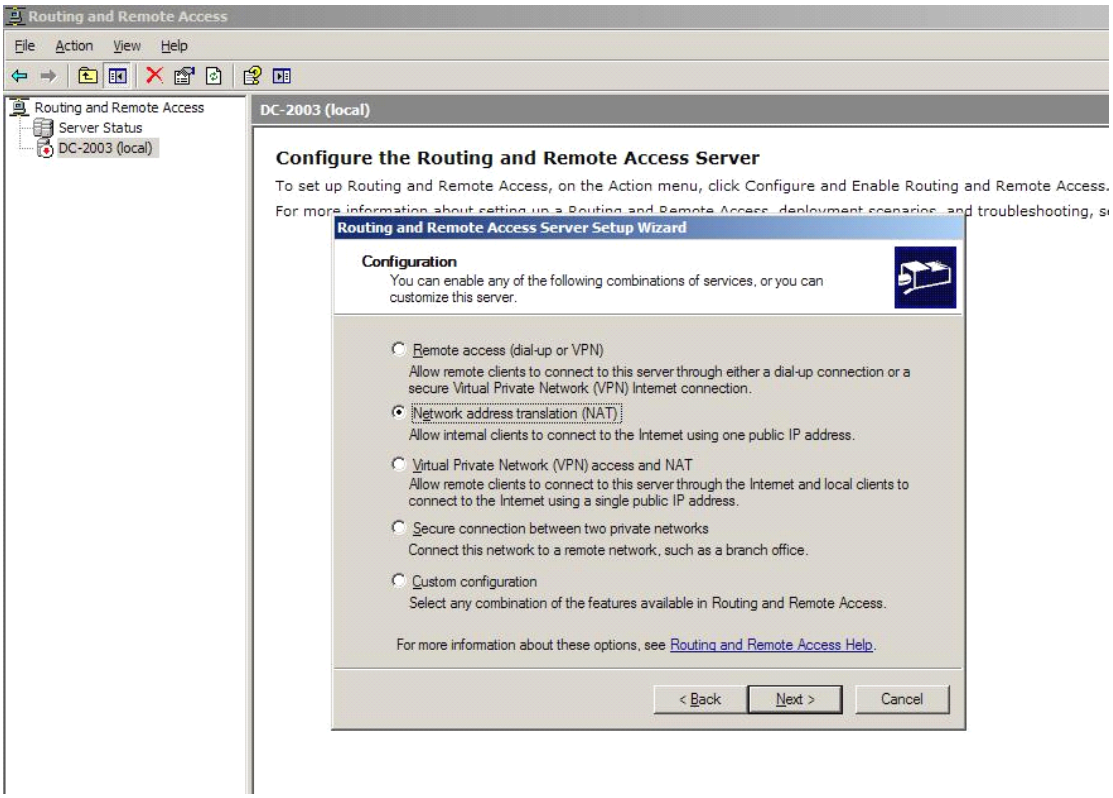


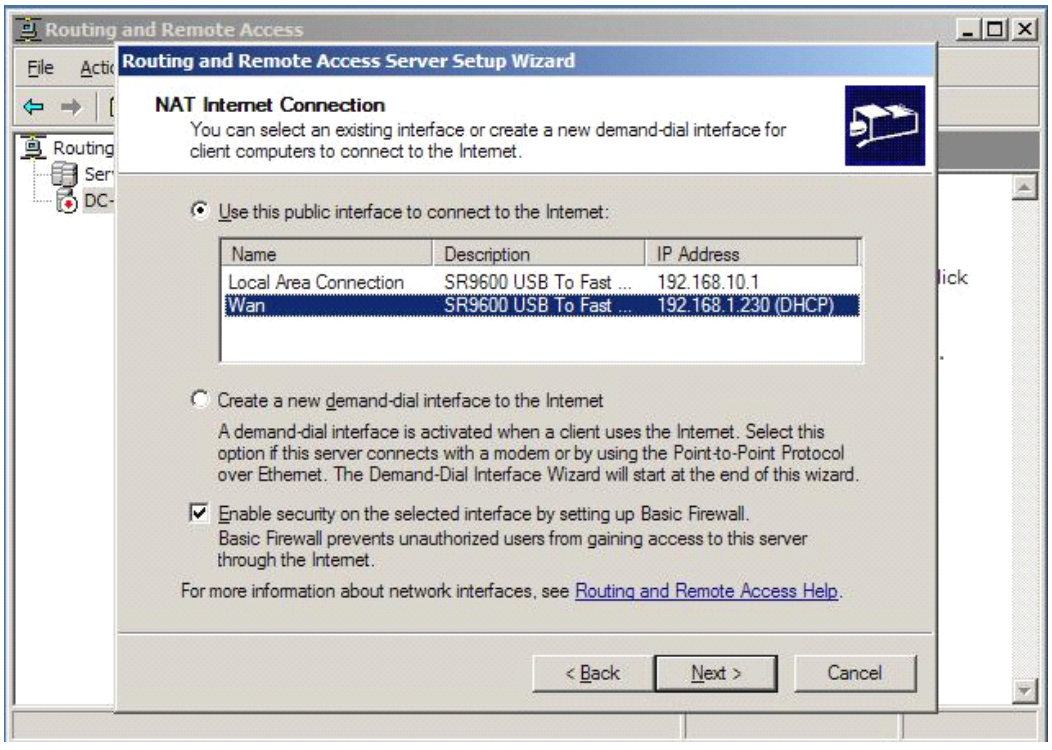
Apply to enable the option 66.

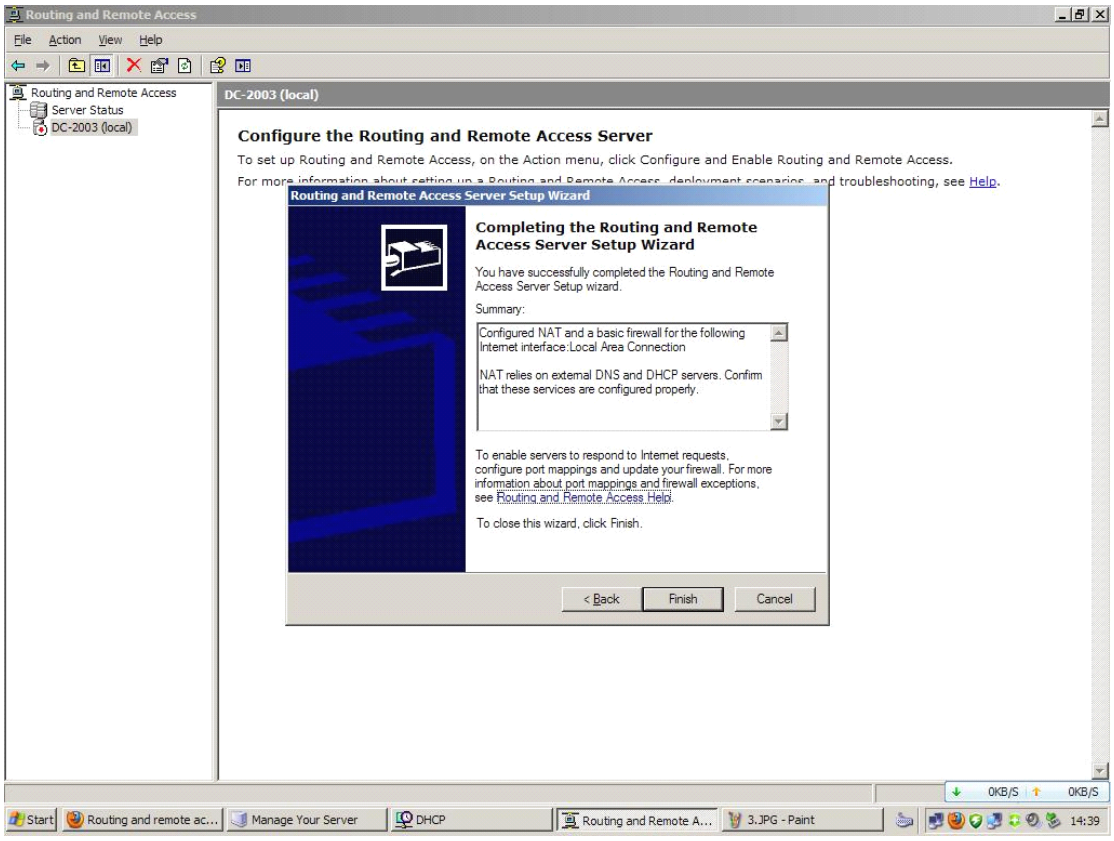
Please configure your Remote Access/VPN Server

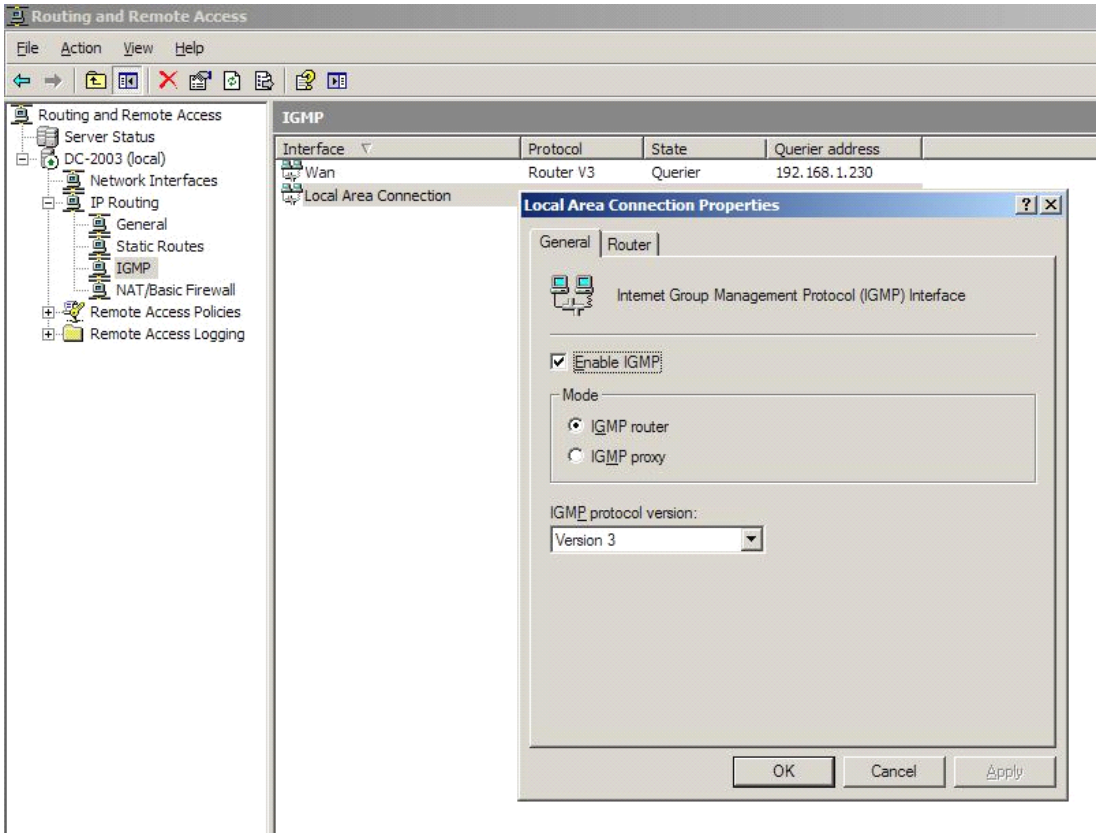

Manage Your Server
Manage Your Server
Server: DC-2003
Search Help and Support Center
Managing Your Server Roles
Use the tools and information found here to add or remove roles and perform your daily administrative tasks.
Add or remove a role
Read about server roles
Read about remote administration
Your server has been configured with the following roles:
File Server
File servers provide and manage access to files.
Manage this file server
Add shared folders
Review the next steps for this role
Remote Access/VPN Server
Remote access/VPN servers enable remote clients to connect to a network through either a dial-up connection or a secure Virtual Private Network (VPN) connection. They also provide network address translation (NAT), which enables all of the computers on a small network to share a single connection to the Internet.
Manage this remote access/VPN server
Opens the console for configuring and managing the Routing and Remote Access service.
Domain Controller (Active Directory)
Domain controllers use Active Directory to manage network resources such as users, computers, and applications.
Manage users and computers in Active
Tools and Updates
Administrative Tools
More Tools
Windows Update
Computer and Domain Name Information
Internet Explorer Enhanced Security Configuration
See Also
Help and Support
Microsoft TechNet
Deployment and Resource Kits
List of Common Administrative Tasks
Windows Server Communities
What's New

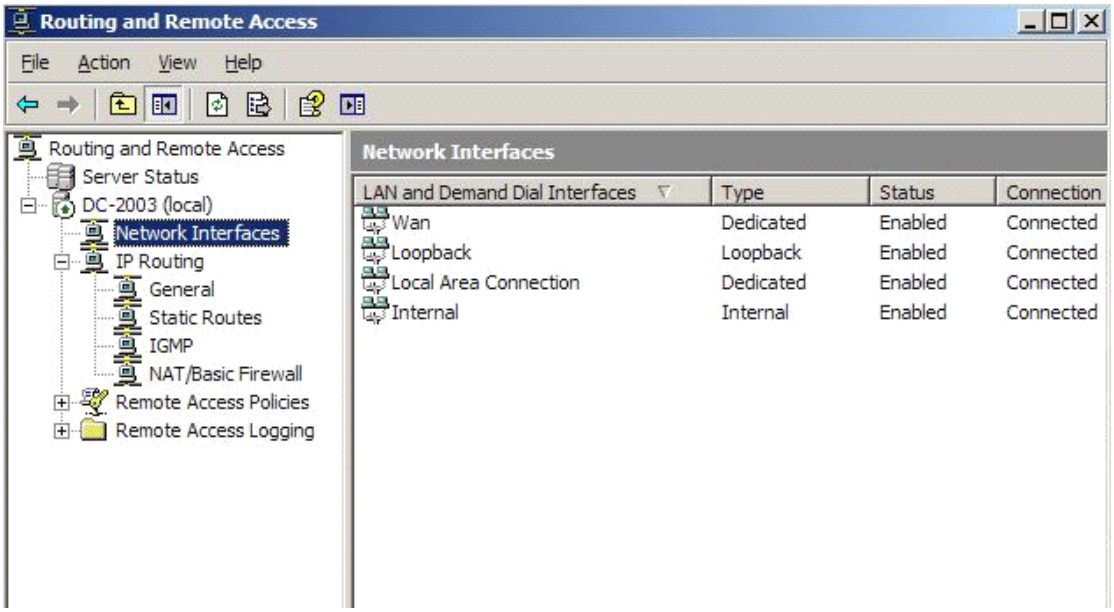

Routing and Remote Access
File Action View Help
Routing and Remote Access
Server Status
DC-2003 (local)
DC-2003 (local)
Configure the Routing and Remote Access Server
To set up Routing and Remote Access, on the Action menu, click Configure and Enable Routing and Remote Access.
For more information about setting up a Routing and Remote Access, deployment scenarios, and troubleshooting, see Help.
Routing and Remote Access Server Setup Wizard
Welcome to the Routing and Remote Access Server Setup Wizard
This wizard helps you set up your server so that you can connect to other networks and allow connections from remote clients.
To continue, click Next.
< Back
Next >
Cancel
80.7KB/S
0.5KB/S
Start
Routing and remote acce...
Manage Your Server
DHCP
Routing and Remote Acc...
14:37


Routing and Remote Access
File Action View Help
Routing and Remote Access
Server Status
DC-2003 (local)
DC-2003 (local)
Configure the Routing and Remote Access Server
To set up Routing and Remote Access, on the Action menu, click Configure and Enable Routing and Remote Access.
Routing and Remote Access Server Setup Wizard
Configuration
You can enable any of the following combinations of services, or you can customize this server.
Remote access (dial-up or VPN)
Allow remote clients to connect to this server through either a dial-up connection or a secure Virtual Private Network (VPN) Internet connection.
Network address translation (NAT)
Allow internal clients to connect to the Internet using one public IP address.
Virtual Private Network (VPN) access and NAT
Allow remote clients to connect to this server through the Internet and local clients to connect to the Internet using a single public IP address.
Secure connection between two private networks
Connect this network to a remote network, such as a branch office.
Custom configuration
Select any combination of the features available in Routing and Remote Access.
For more information about these options, see Routing and Remote Access Help.
< Back
Next >
Cancel


Routing and Remote Access
Routing and Remote Access Server Setup Wizard
NAT Internet Connection
You can select an existing interface or create a new demand-dial interface for client computers to connect to the Internet.
Use this public interface to connect to the Internet:
Name
Description
IP Address
Local Area Connection
SR9600 USB To Fast ...
192.168.10.1
Wan
SR9600 USB To Fast ...
192.168.1.230 (DHCP)
Create a new demand-dial interface to the Internet
A demand-dial interface is activated when a client uses the Internet. Select this option if this server connects with a modem or by using the Point-to-Point Protocol over Ethernet. The Demand-Dial Interface Wizard will start at the end of this wizard.
Enable security on the selected interface by setting up Basic Firewall.
Basic Firewall prevents unauthorized users from gaining access to this server through the Internet.
For more information about network interfaces, see Routing and Remote Access Help.
< Back
Next >
Cancel

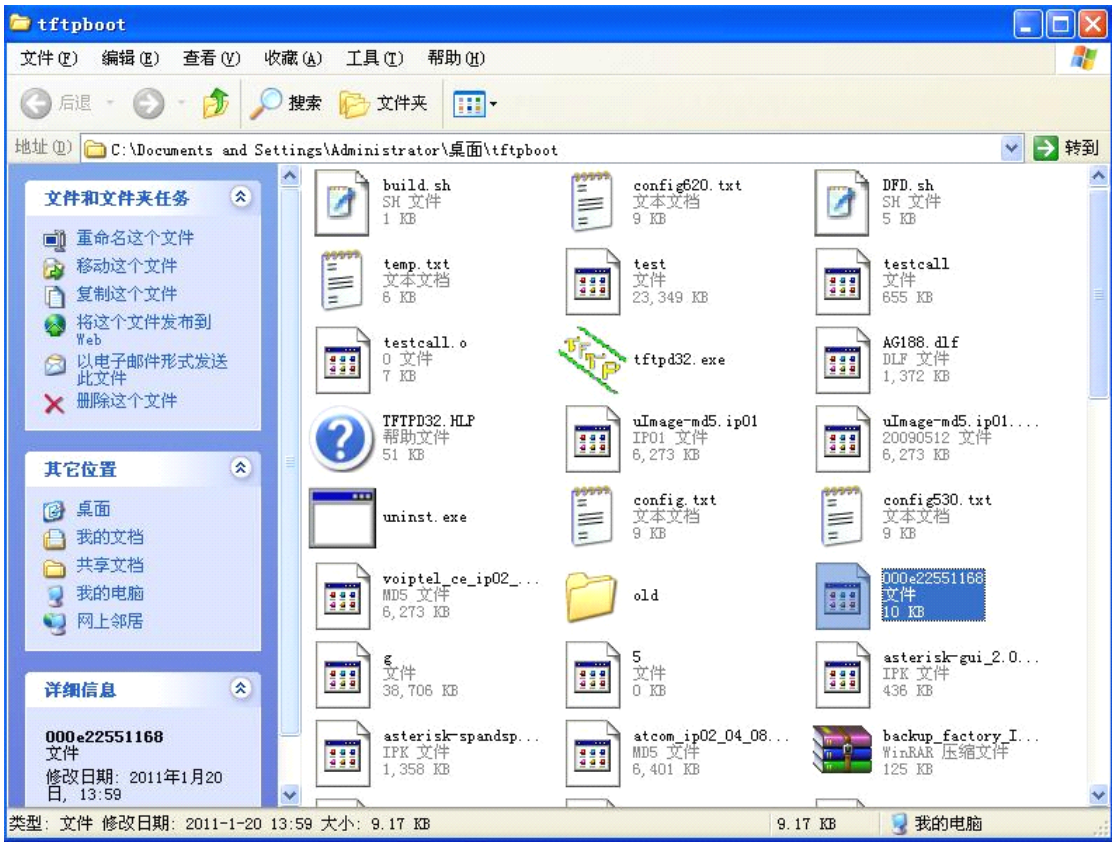

Routing and Remote Access
File Action View Help
Routing and Remote Access
Server Status
DC-2003 (local)
DC-2003 (local)
Configure the Routing and Remote Access Server
To set up Routing and Remote Access, on the Action menu, click Configure and Enable Routing and Remote Access.
For more information about setting up a Routing and Remote Access deployment scenarios, and troubleshooting, see Help.
Routing and Remote Access Server Setup Wizard
Completing the Routing and Remote Access Server Setup Wizard
You have successfully completed the Routing and Remote Access Server Setup wizard.
Summary:
Configured NAT and a basic firewall for the following Internet interface:Local Area Connection
NAT relies on external DNS and DHCP servers. Confirm that these services are configured properly.
To enable servers to respond to Internet requests, configure port mappings and update your firewall. For more information about port mappings and firewall exceptions, see Routing and Remote Access Help.
To close this wizard, click Finish.
< Back
Finish
Cancel
0KB/S
0KB/S
Start
Routing and remote ac...
Manage Your Server
DHCP
Routing and Remote A...
3.JPG - Paint
14:39


Routing and Remote Access
File Action View Help
Routing and Remote Access
Server Status
DC-2003 (local)
Network Interfaces
IP Routing
General
Static Routes
IGMP
NAT/Basic Firewall
Remote Access Policies
Remote Access Logging
IGMP
Interface
Protocol
State
Querier address
Wan
Router V3
Querier
192.168.1.230
Local Area Connection
Local Area Connection Properties
General
Router
Internet Group Management Protocol (IGMP) Interface
Enable IGMP
Mode
IGMP router
IGMP proxy
IGMP protocol version:
Version 3
OK
Cancel
Apply



Then use tftp to download according to mac address(my AT620's mac address is 00:0e:22:55:11:68)

1. save the config file as 000e22551168 in download directory of tftp , and edit anything you need and remember to change the version to bigger one.



2. then go to webpage to set auto provision

Just choose TFTP as protocol type and set update interval time if you want to update at time interval or just choose update after reboot and enable DHCP Option 66. APPLY it.

3. you can follow the tftp instruction to finish auto provision.