

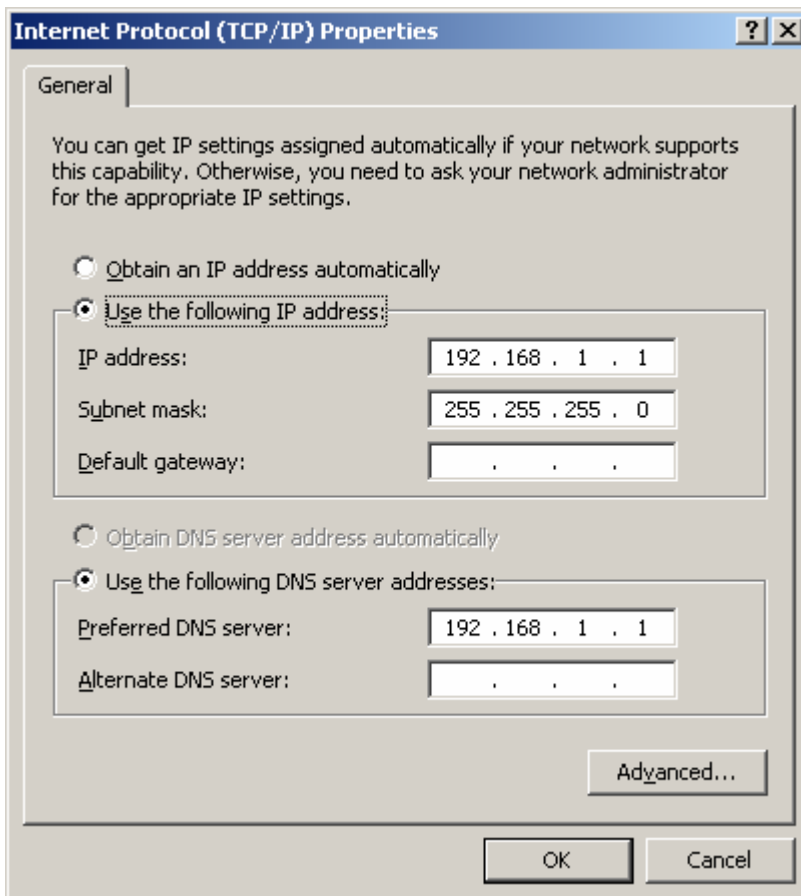
BÀI THỰC HÀNH SỐ 2

CÀI ĐẶT VÀ CẤU HÌNH DNS

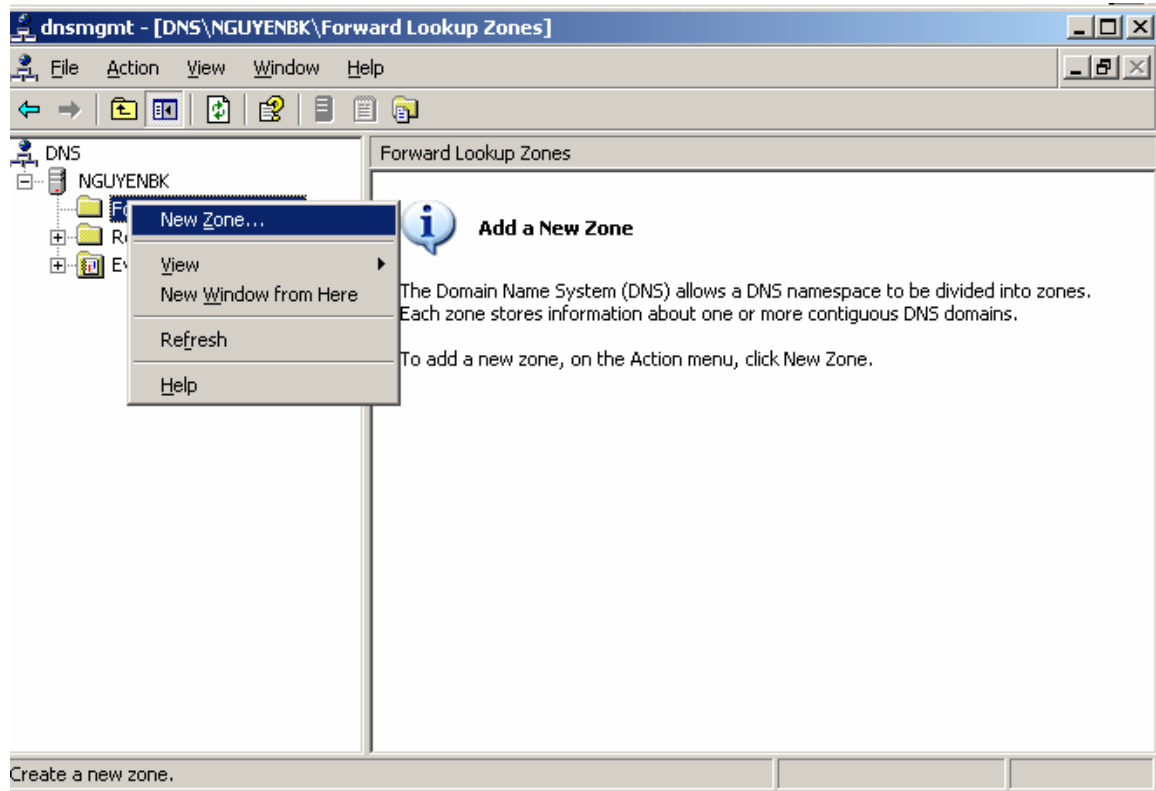
HƯỚNG DẪN

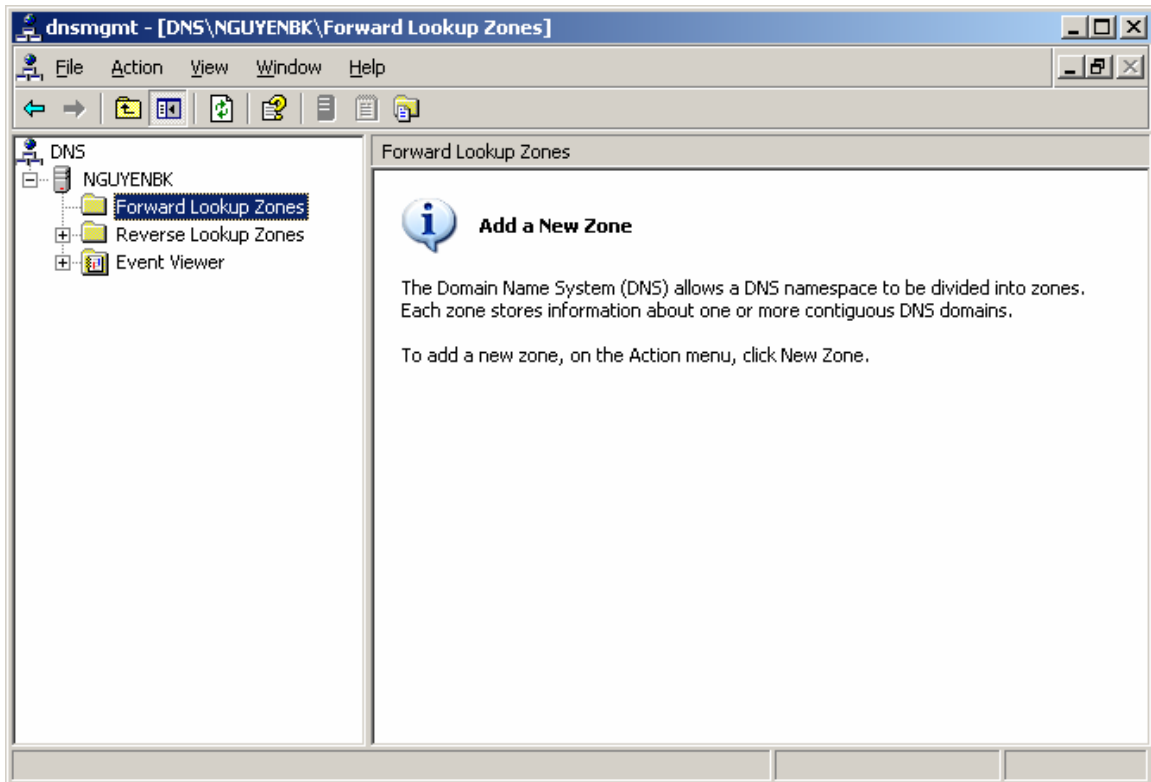
CẤU HÌNH DNS

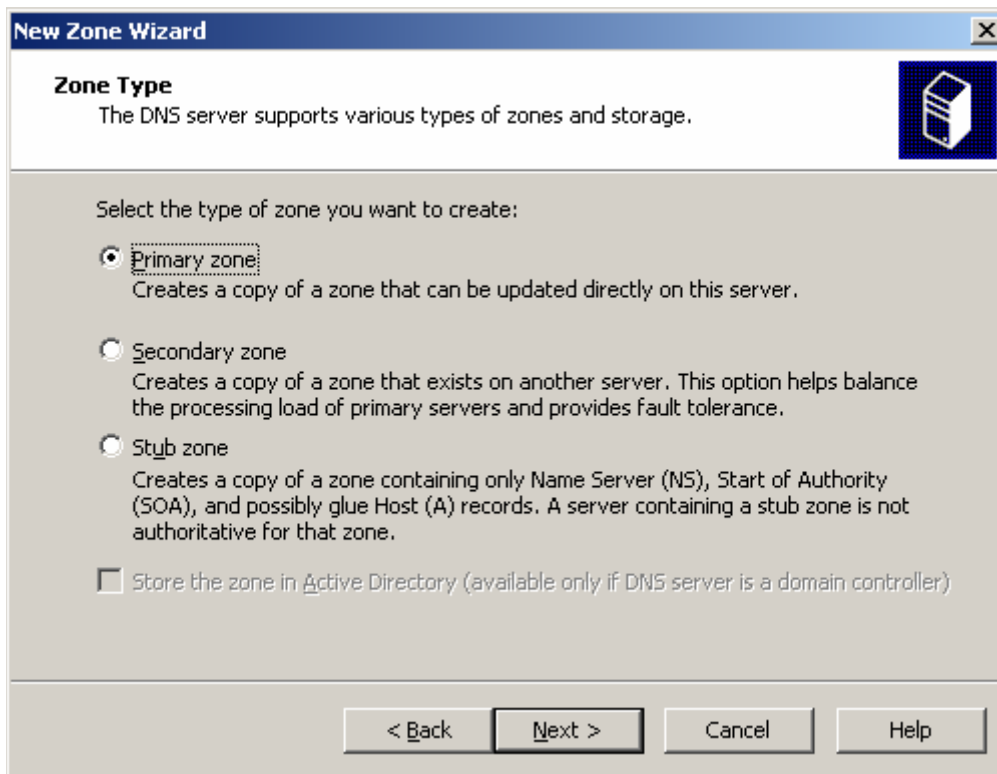
1. Thiết lập IP cho máy chủ



2. Tạo Forward Lookup Zones







New Zone Wizard

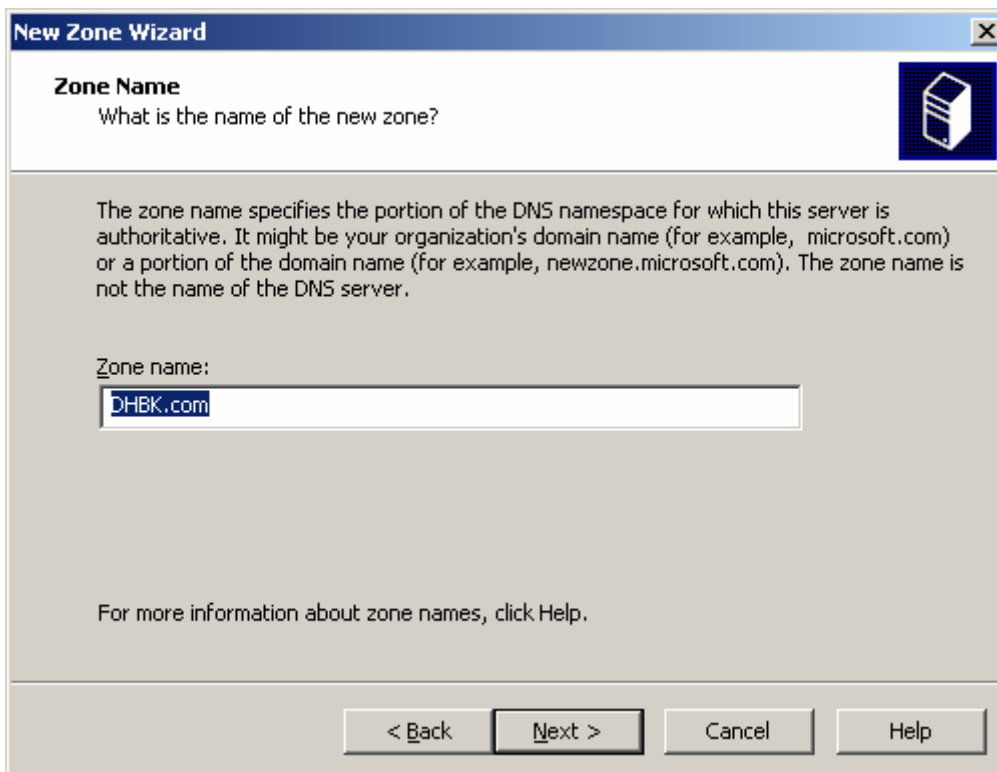
Zone Type
The DNS server supports various types of zones and storage.

Select the type of zone you want to create:

- ☒ **Primary zone**
Creates a copy of a zone that can be updated directly on this server.
- ☐ **Secondary zone**
Creates a copy of a zone that exists on another server. This option helps balance the processing load of primary servers and provides fault tolerance.
- ☐ **Stub zone**
Creates a copy of a zone containing only Name Server (NS), Start of Authority (SOA), and possibly glue Host (A) records. A server containing a stub zone is not authoritative for that zone.

☐ Store the zone in Active Directory (available only if DNS server is a domain controller)

< Back Next > Cancel Help



New Zone Wizard

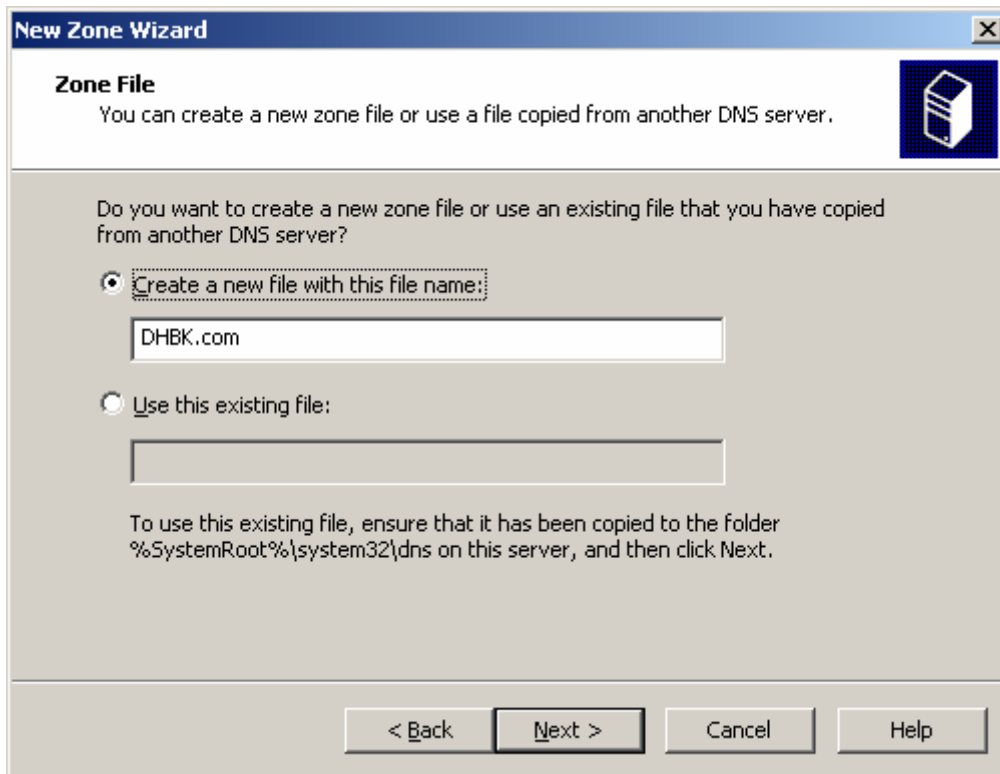
Zone Name
What is the name of the new zone?

The zone name specifies the portion of the DNS namespace for which this server is authoritative. It might be your organization's domain name (for example, microsoft.com) or a portion of the domain name (for example, newzone.microsoft.com). The zone name is not the name of the DNS server.

Zone name:

For more information about zone names, click Help.

< Back Next > Cancel Help



New Zone Wizard

Zone File

You can create a new zone file or use a file copied from another DNS server.

Do you want to create a new zone file or use an existing file that you have copied from another DNS server?

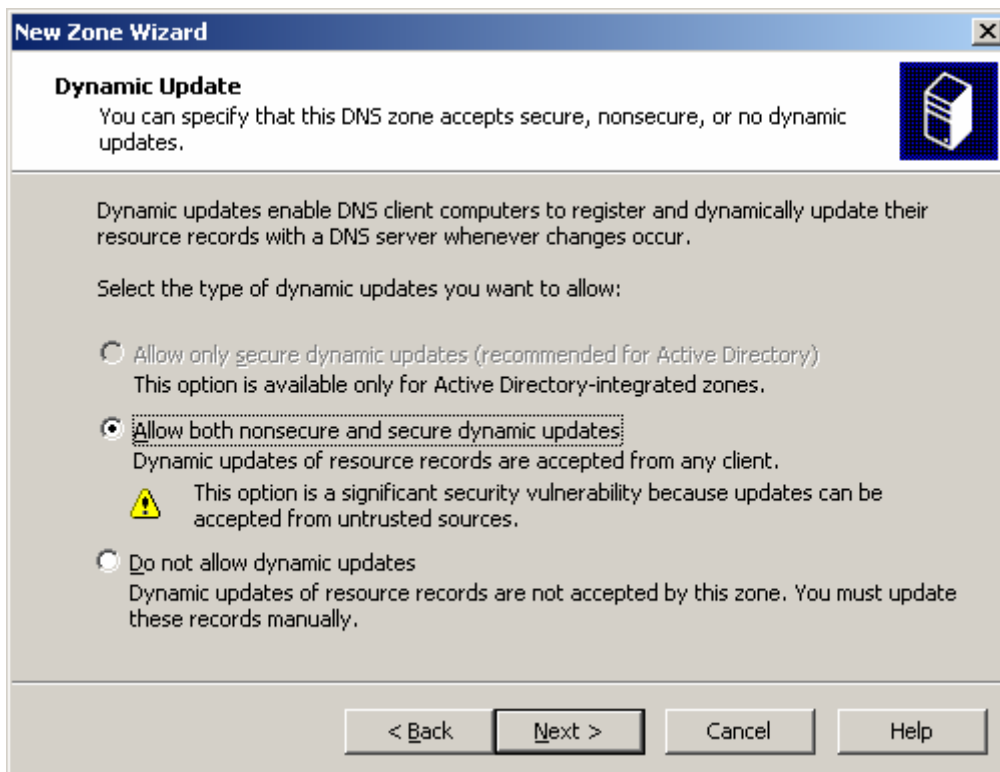
☒ Create a new file with this file name:

DHBK.com

☐ Use this existing file:

To use this existing file, ensure that it has been copied to the folder %SystemRoot%\system32\dns on this server, and then click Next.

< Back Next > Cancel Help



New Zone Wizard


Dynamic Update

You can specify that this DNS zone accepts secure, nonsecure, or no dynamic updates.

Dynamic updates enable DNS client computers to register and dynamically update their resource records with a DNS server whenever changes occur.

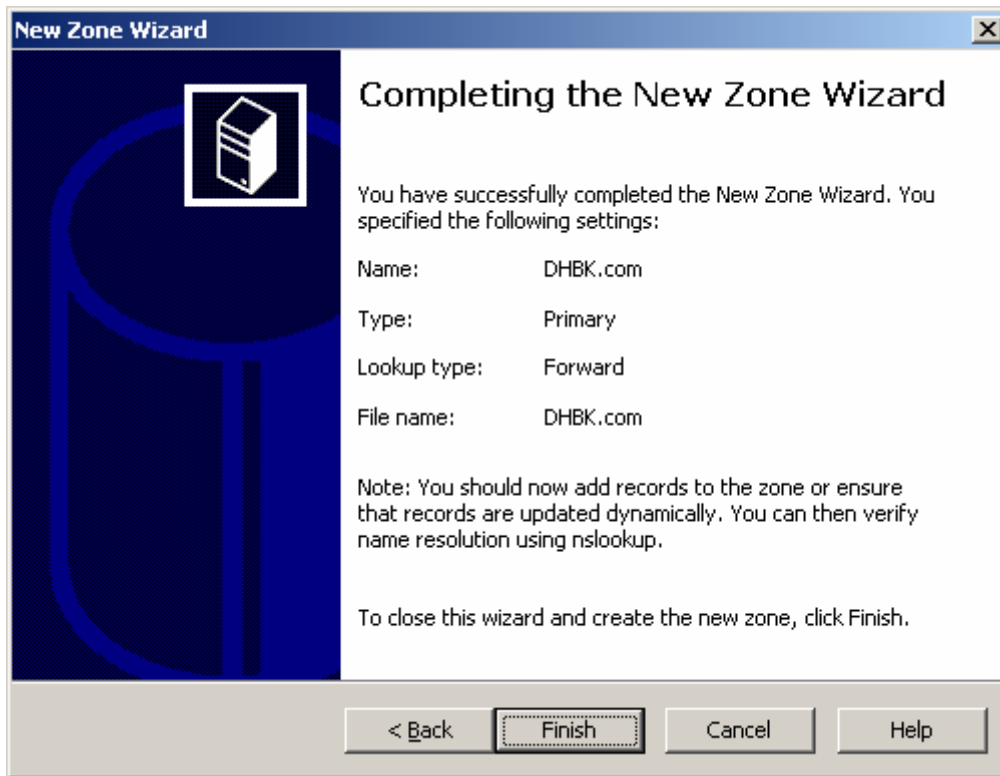
Select the type of dynamic updates you want to allow:

☐ Allow only secure dynamic updates (recommended for Active Directory)
This option is available only for Active Directory-integrated zones.

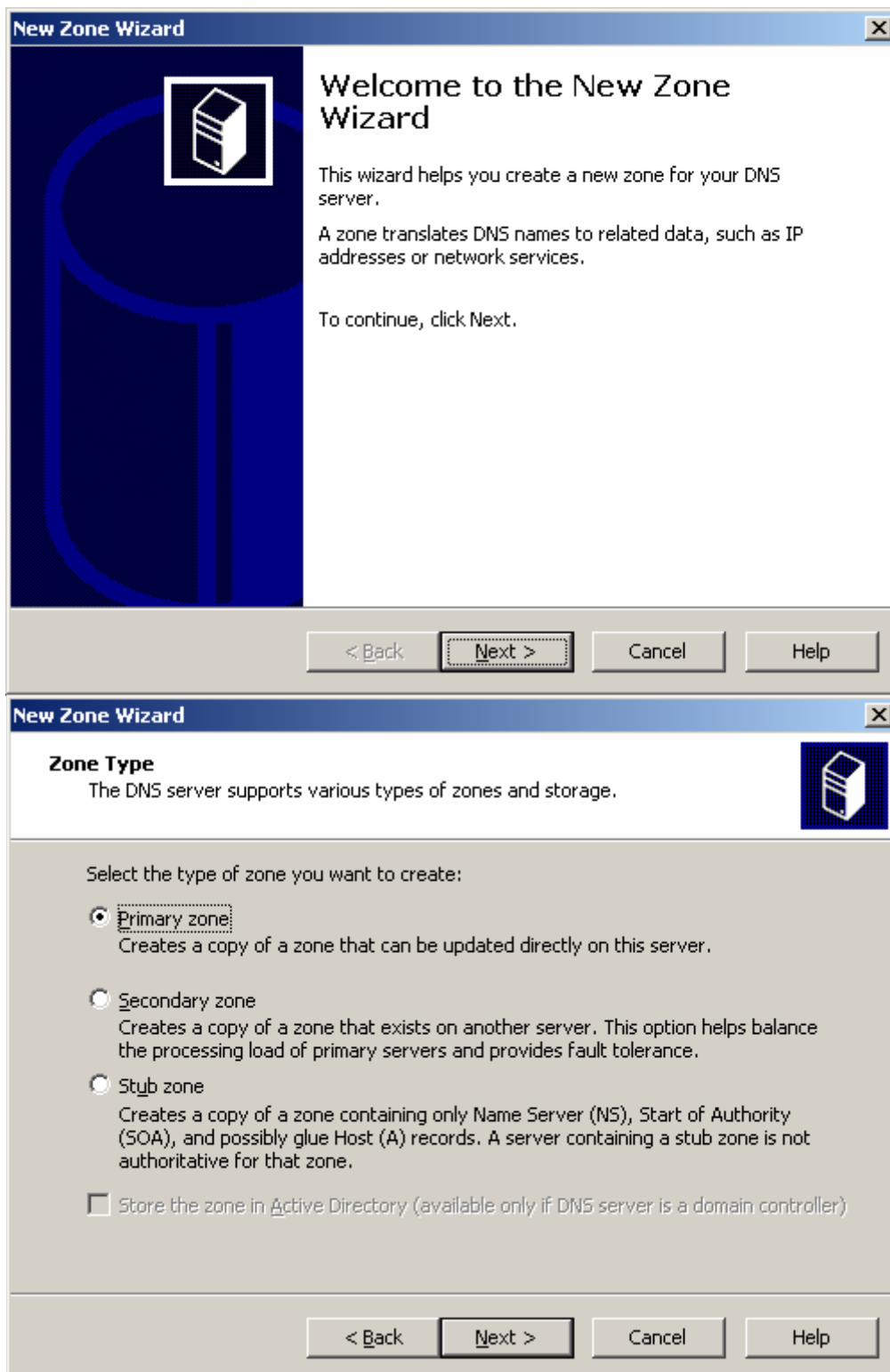
☒ Allow both nonsecure and secure dynamic updates
Dynamic updates of resource records are accepted from any client.
 This option is a significant security vulnerability because updates can be accepted from untrusted sources.

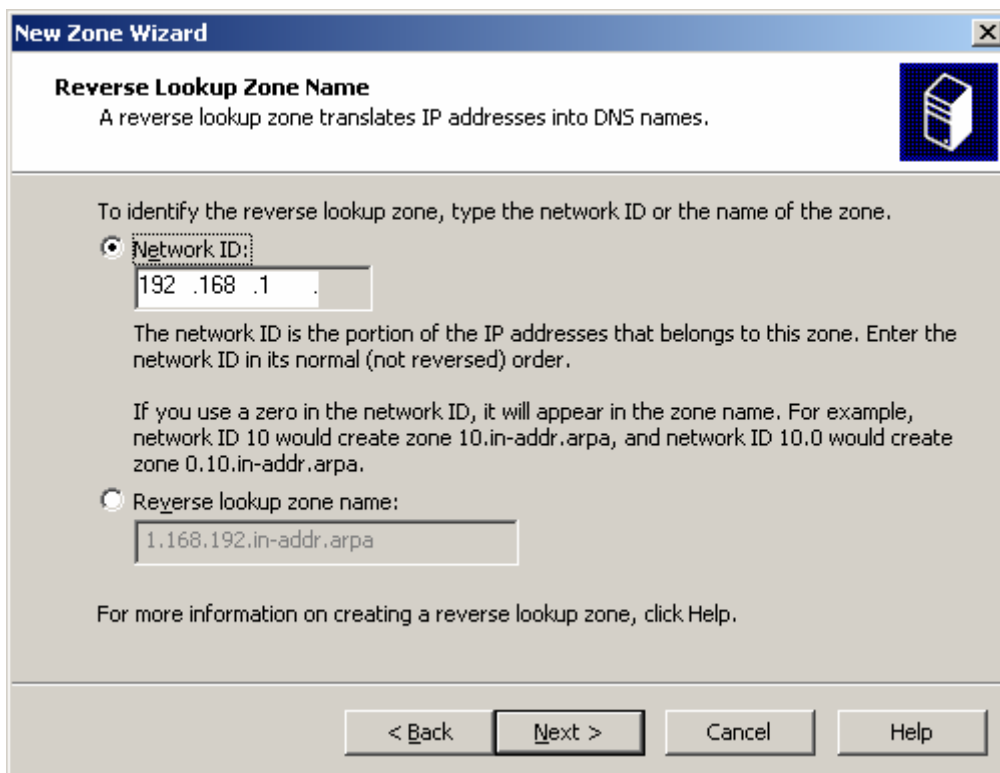
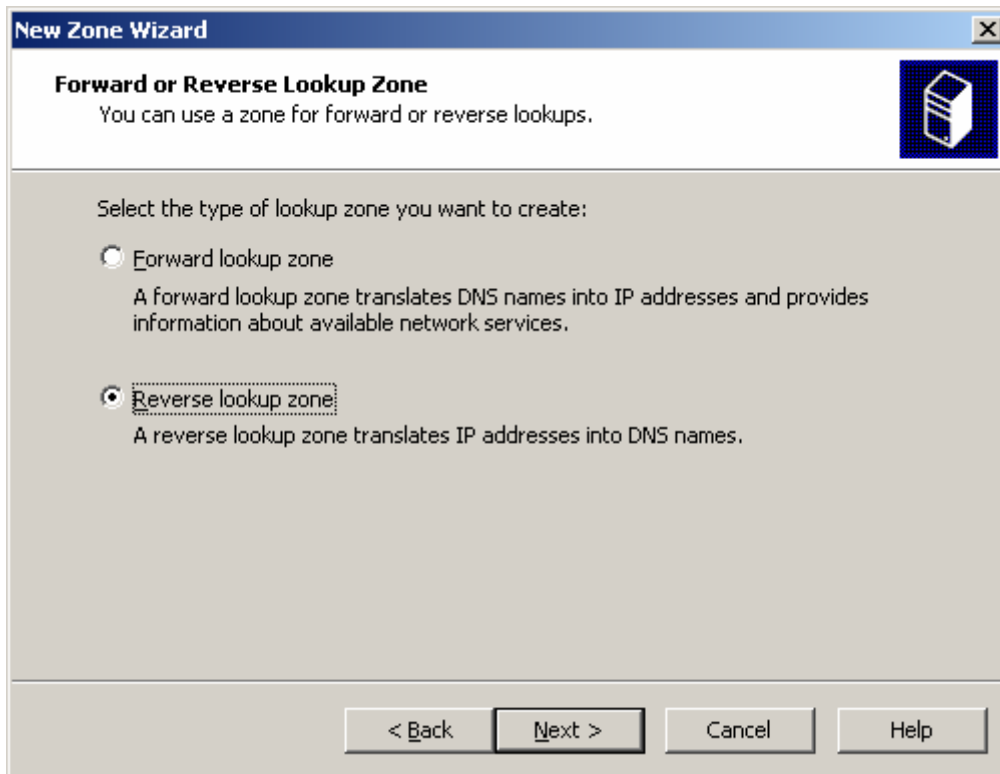
☐ Do not allow dynamic updates
Dynamic updates of resource records are not accepted by this zone. You must update these records manually.

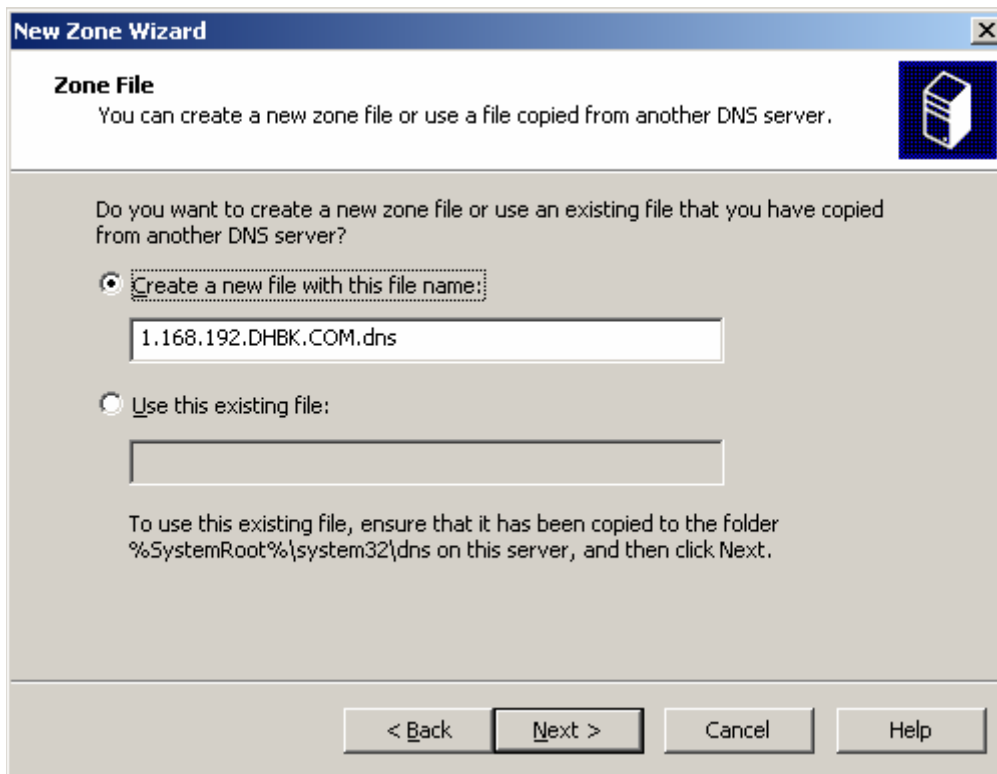
< Back Next > Cancel Help



3. Tạo Reverslookup Zone







New Zone Wizard

Zone File
You can create a new zone file or use a file copied from another DNS server.

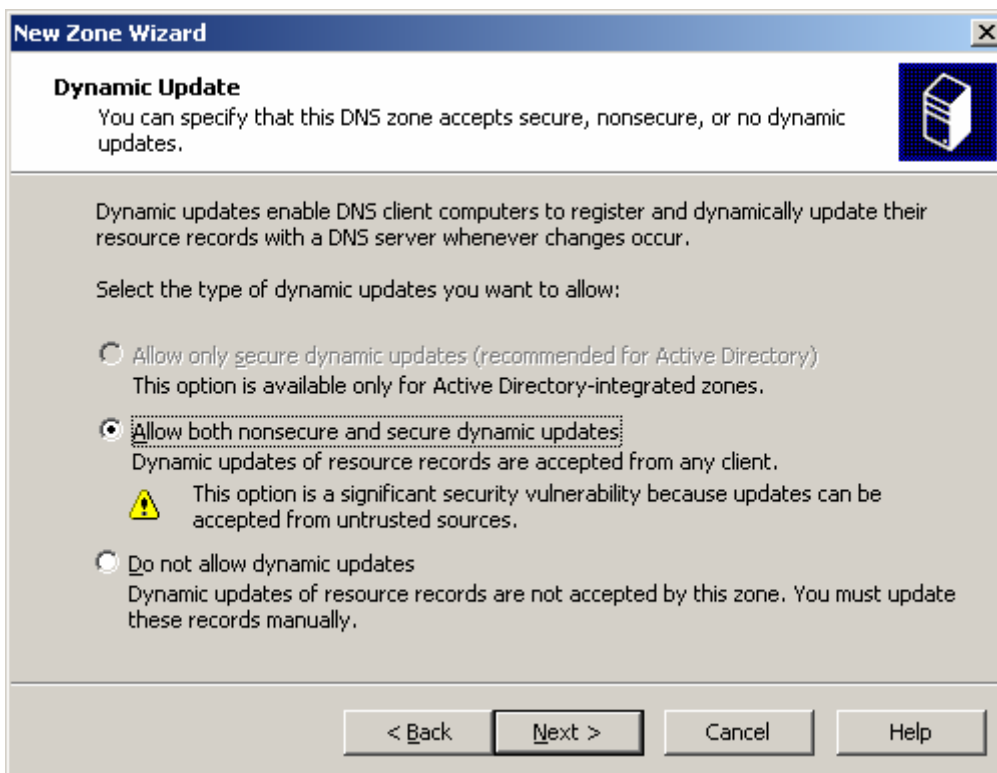
Do you want to create a new zone file or use an existing file that you have copied from another DNS server?

☒ **Create a new file with this file name:**
1.168.192.DHBK.COM.dns

☐ **Use this existing file:**
[Empty text box]

To use this existing file, ensure that it has been copied to the folder %SystemRoot%\system32\dns on this server, and then click Next.

< Back Next > Cancel Help




New Zone Wizard

Dynamic Update
You can specify that this DNS zone accepts secure, nonsecure, or no dynamic updates.

Dynamic updates enable DNS client computers to register and dynamically update their resource records with a DNS server whenever changes occur.

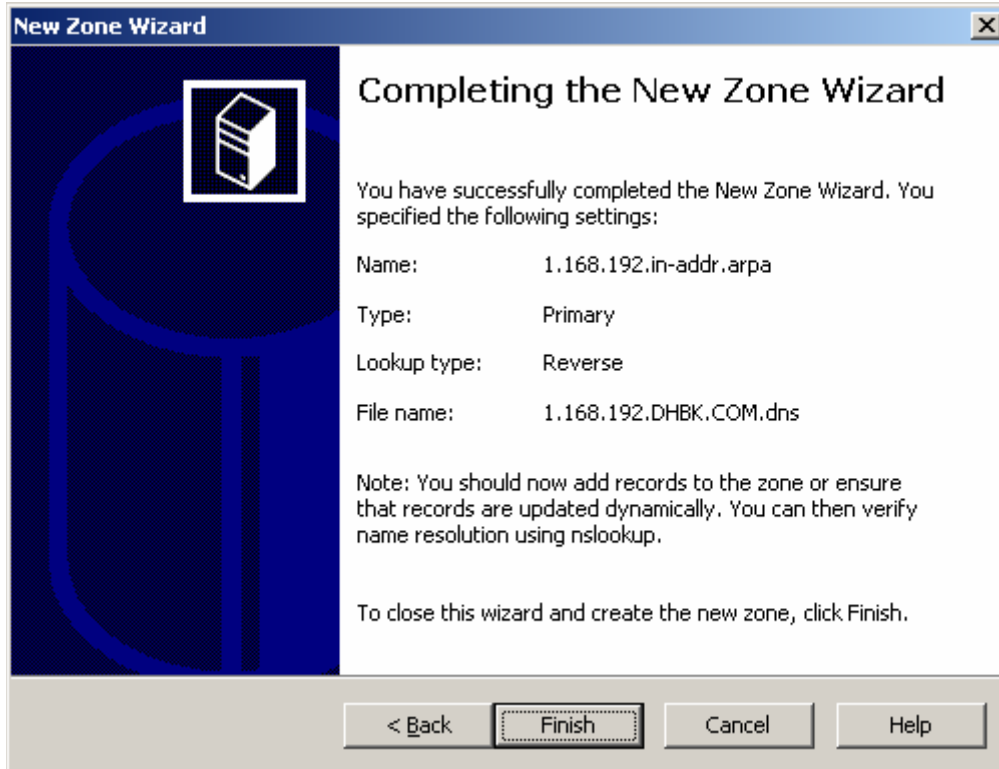
Select the type of dynamic updates you want to allow:

☐ **Allow only secure dynamic updates (recommended for Active Directory)**
This option is available only for Active Directory-integrated zones.

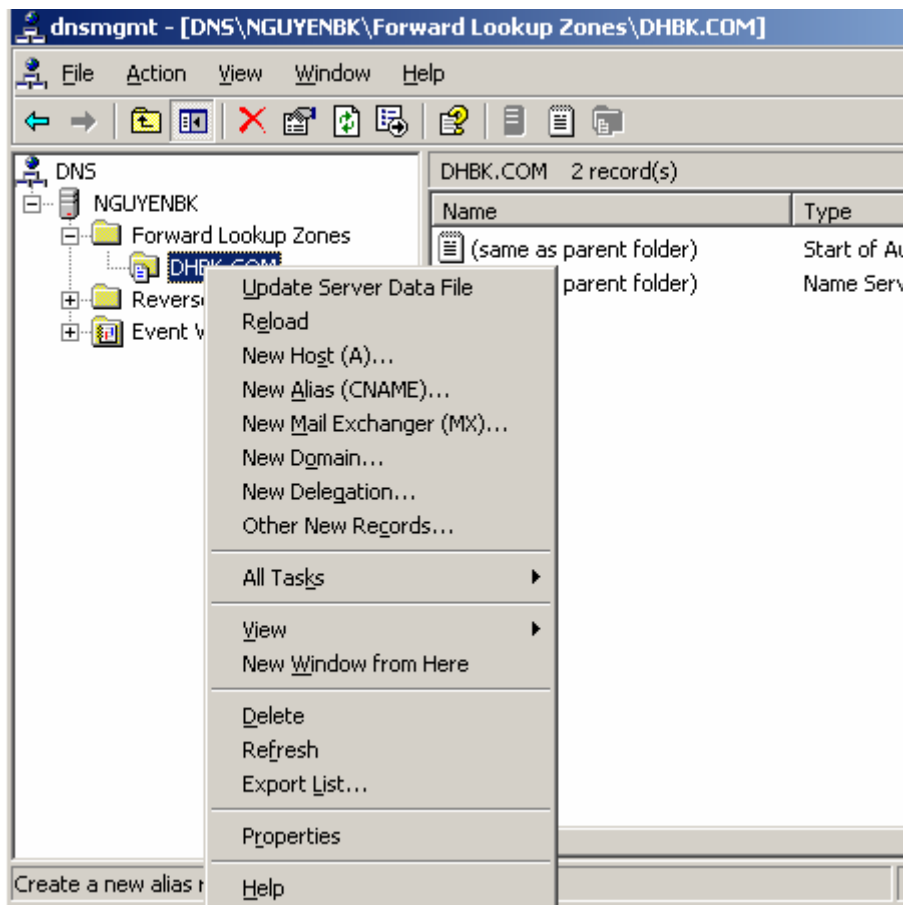
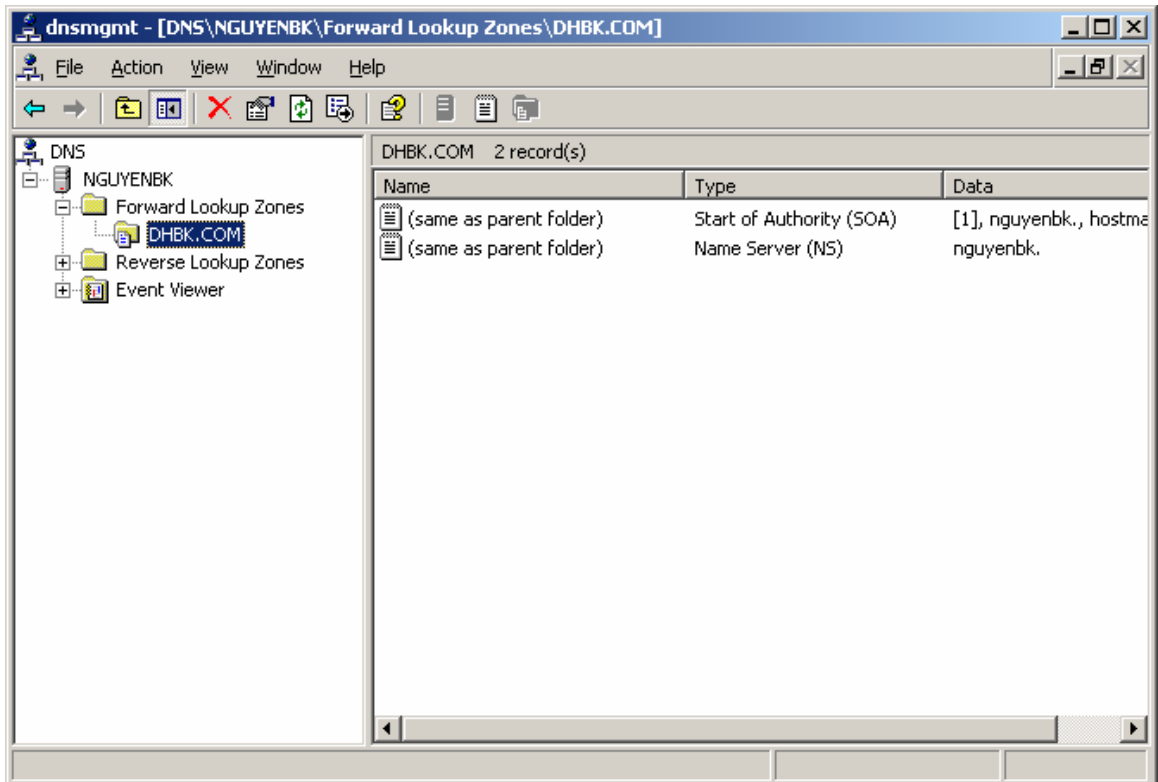
☒ **Allow both nonsecure and secure dynamic updates:**
Dynamic updates of resource records are accepted from any client.
 This option is a significant security vulnerability because updates can be accepted from untrusted sources.

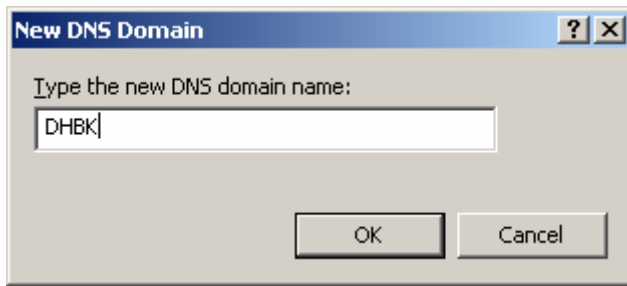
☐ **Do not allow dynamic updates**
Dynamic updates of resource records are not accepted by this zone. You must update these records manually.

< Back Next > Cancel Help

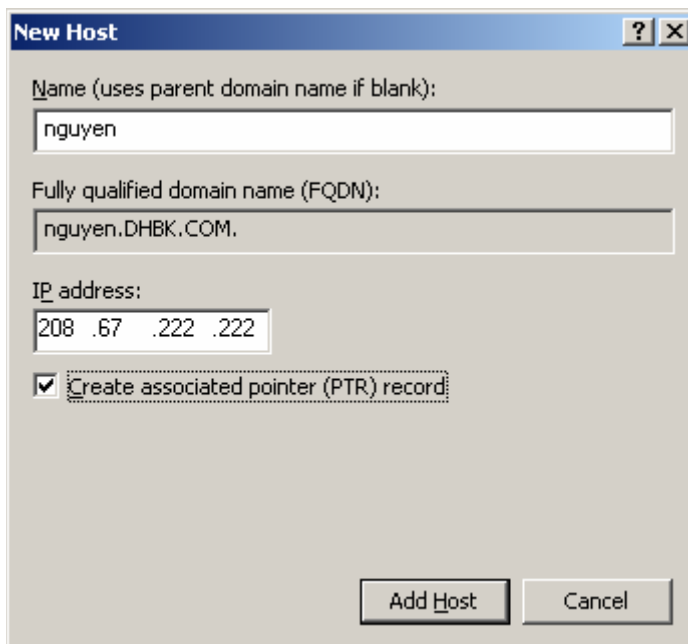
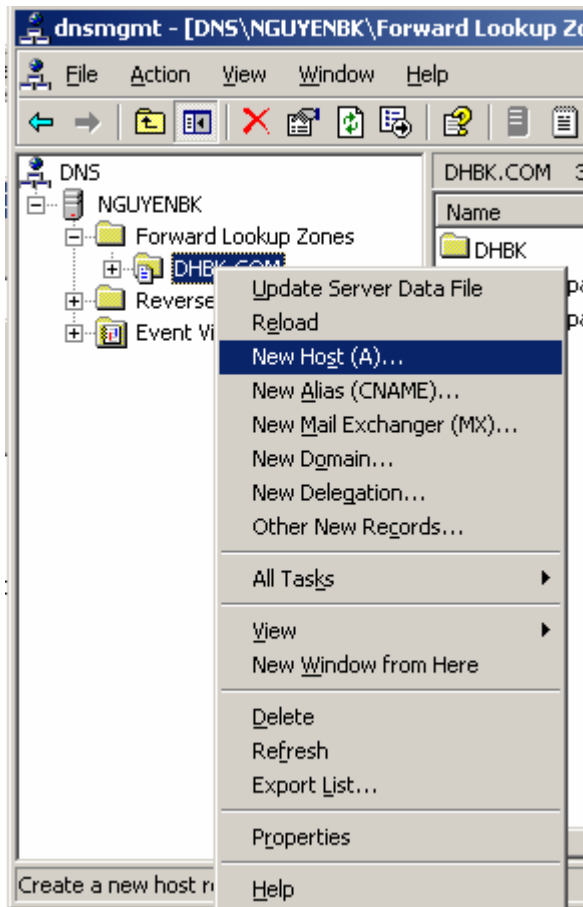


4. Thêm tên miền (domain)

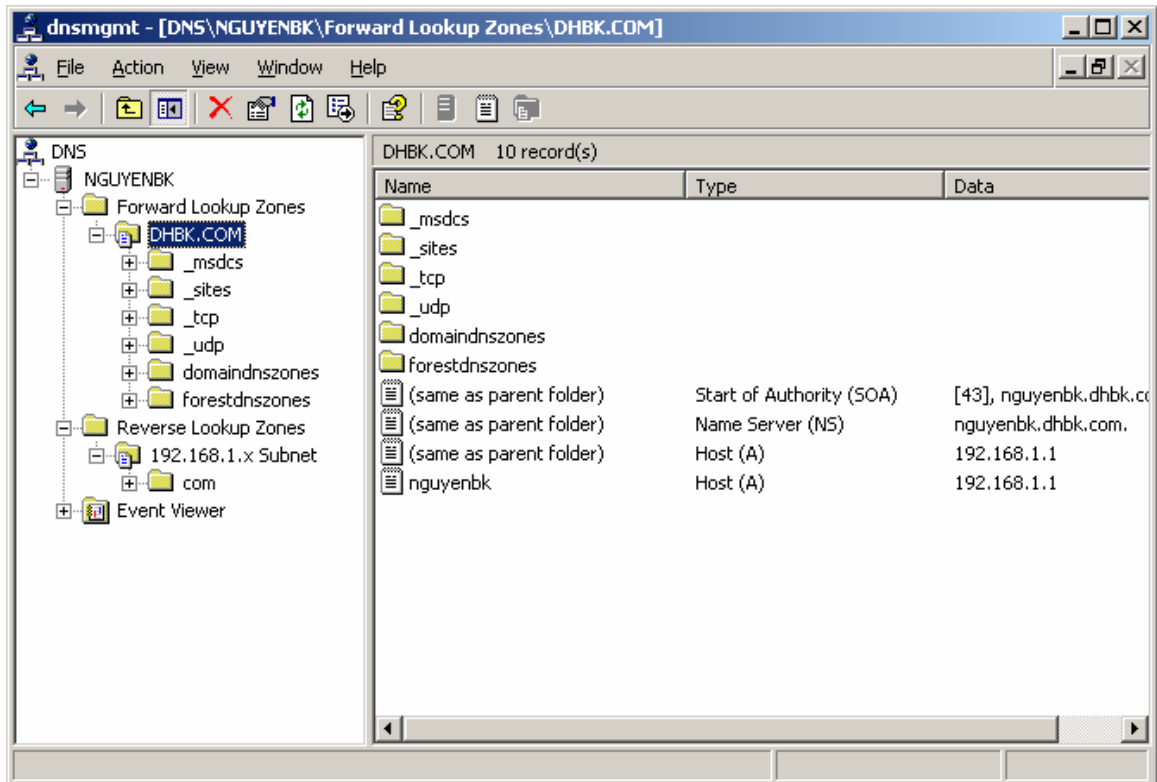


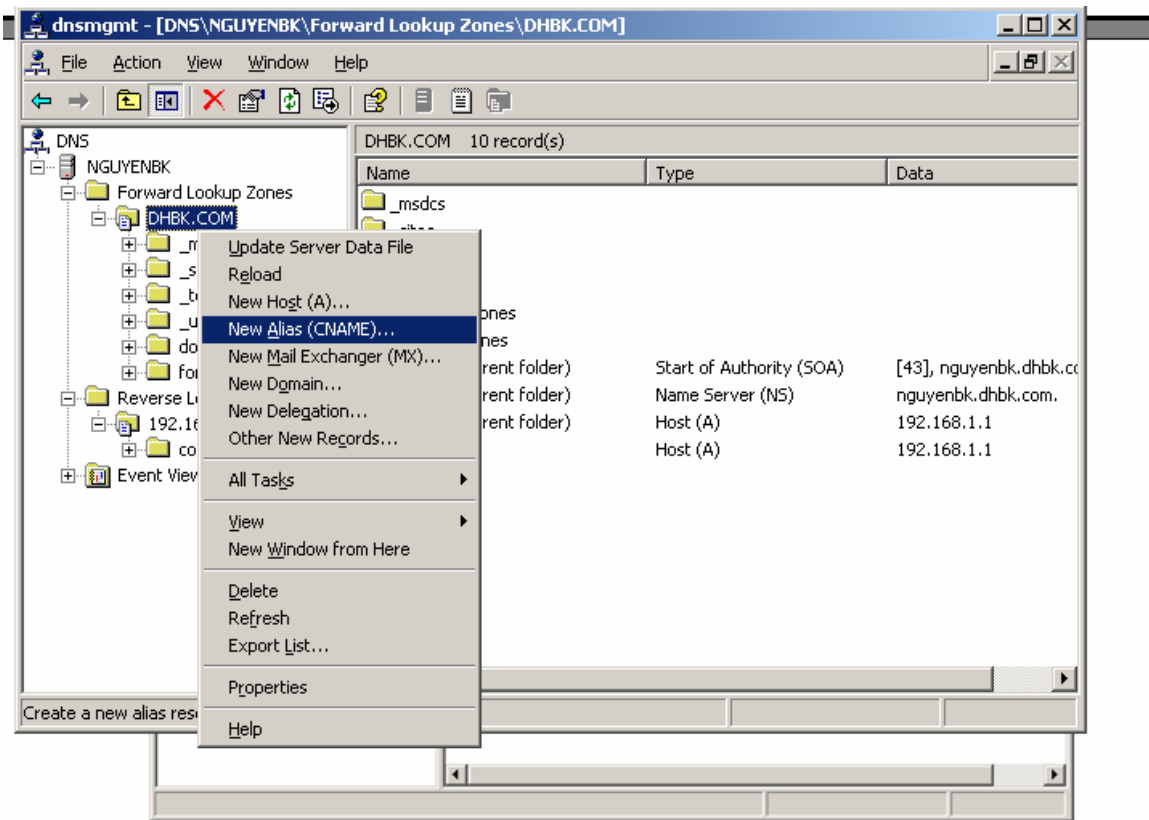


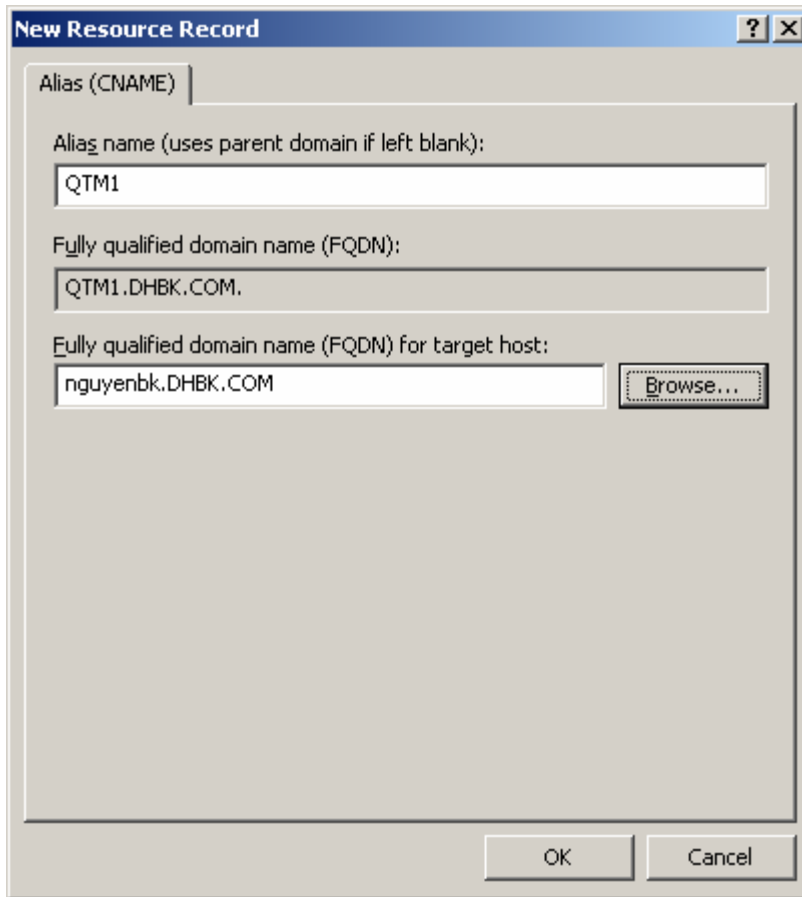
5. Thêm mới host



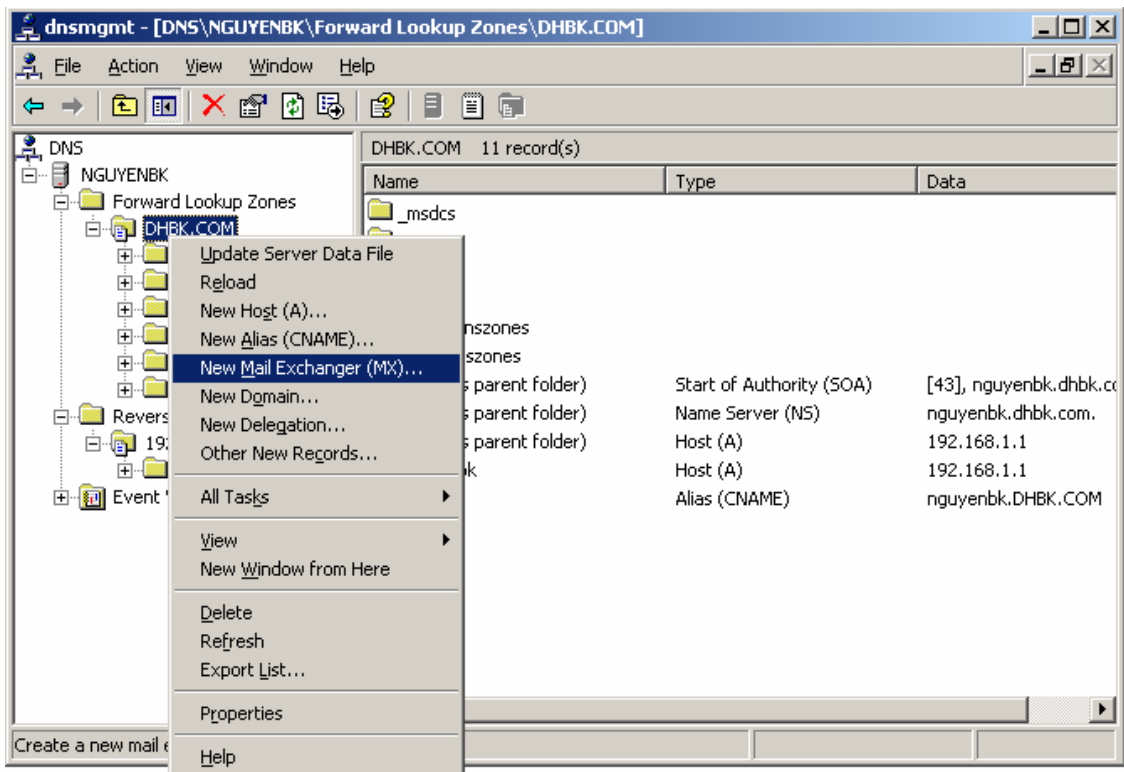
6. Tạo bí danh







7 .Tạo một bản ghi thư điện tử (MX)



The image shows a Windows-style dialog box titled "New Resource Record". It has a tab labeled "Mail Exchanger (MX)". Inside the dialog, there are several input fields and a text block. The first field is labeled "Host or child domain:" and contains the text "QTM". Below this is a text block explaining that by default, DNS uses the parent domain name, but a host or child name can be specified. The next field is labeled "Fully qualified domain name (FQDN):" and contains "QTM.DHBK.COM.". Below that is a field labeled "Fully qualified domain name (FQDN) of mail server:" containing "nguyenbk.DHBK.COM", with a "Browse..." button to its right. The final field is labeled "Mail server priority:" and contains the number "10". At the bottom of the dialog are "OK" and "Cancel" buttons.

New Resource Record

Mail Exchanger (MX)

Host or child domain:

QTM

By default, DNS uses the parent domain name when creating a Mail Exchange record. You can specify a host or child name, but in most deployments, the above field is left blank.

Fully qualified domain name (FQDN):

QTM.DHBK.COM.

Fully qualified domain name (FQDN) of mail server:

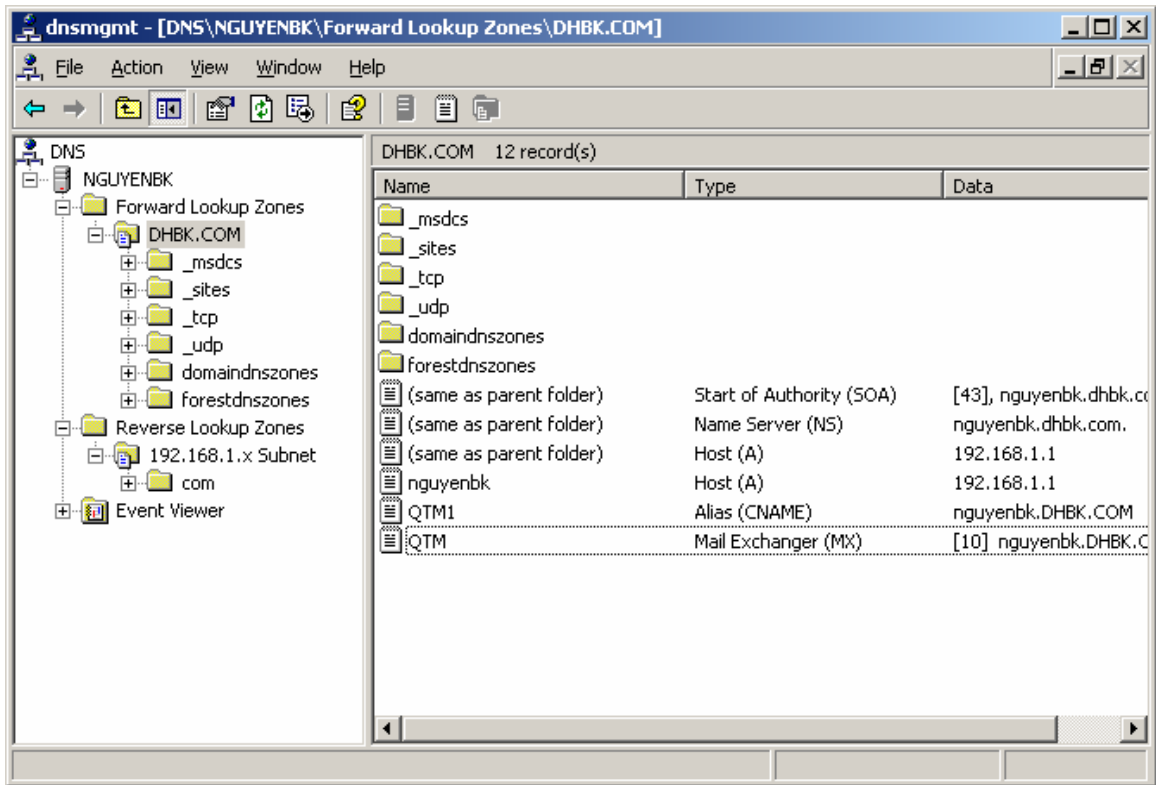
nguyenbk.DHBK.COM

Browse...

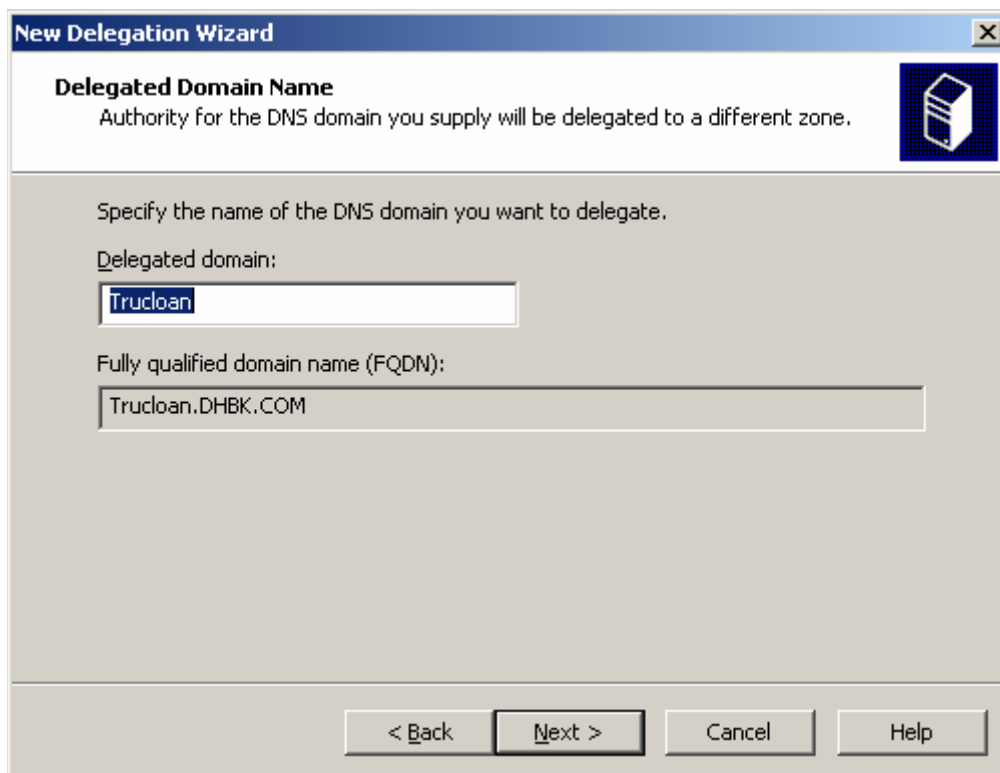
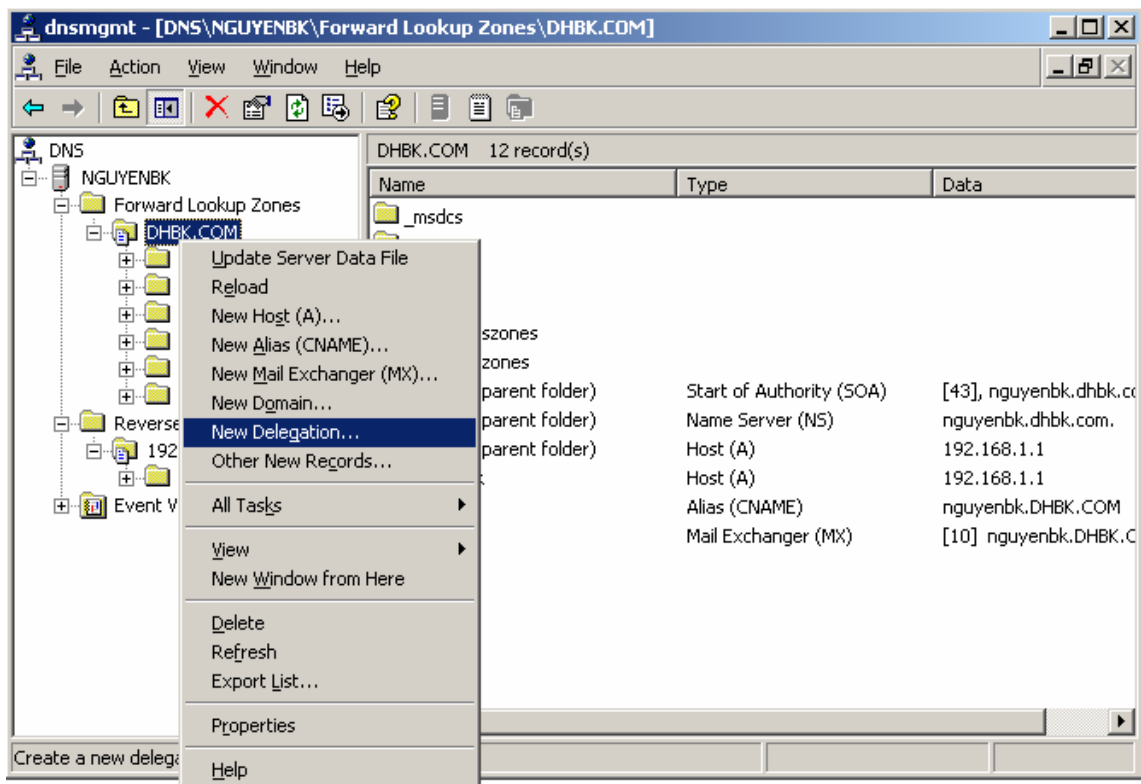
Mail server priority:

10

OK Cancel



8. Chuyển quyền quản lý tên miền



New Delegation Wizard

Name Servers
You can select one or more name servers to host the delegated zone.

Specify the names and IP addresses of the DNS servers you want to have host the delegated zone.

Name servers:

Server Fully Qualified Domain Name (FQDN)	IP Address
---	------------

Add... Edit... Remove

< Back Next > Cancel Help

New Resource Record

Name Server (NS)

Enter a server name and one or more IP addresses. Both are required to identify the name server.

Server fully qualified domain name (FQDN):

vdc-hn01.vnn.vn Browse... Resolve

IP address:

203 .162 .0 .11 Add

Remove

Up

Down

OK Cancel

New Resource Record

Name Server (NS)

Enter a server name and one or more IP addresses. Both are required to identify the name server.

Server fully qualified domain name (FQDN):

vdc-hn01.vnn.vn Browse... Resolve

IP address:

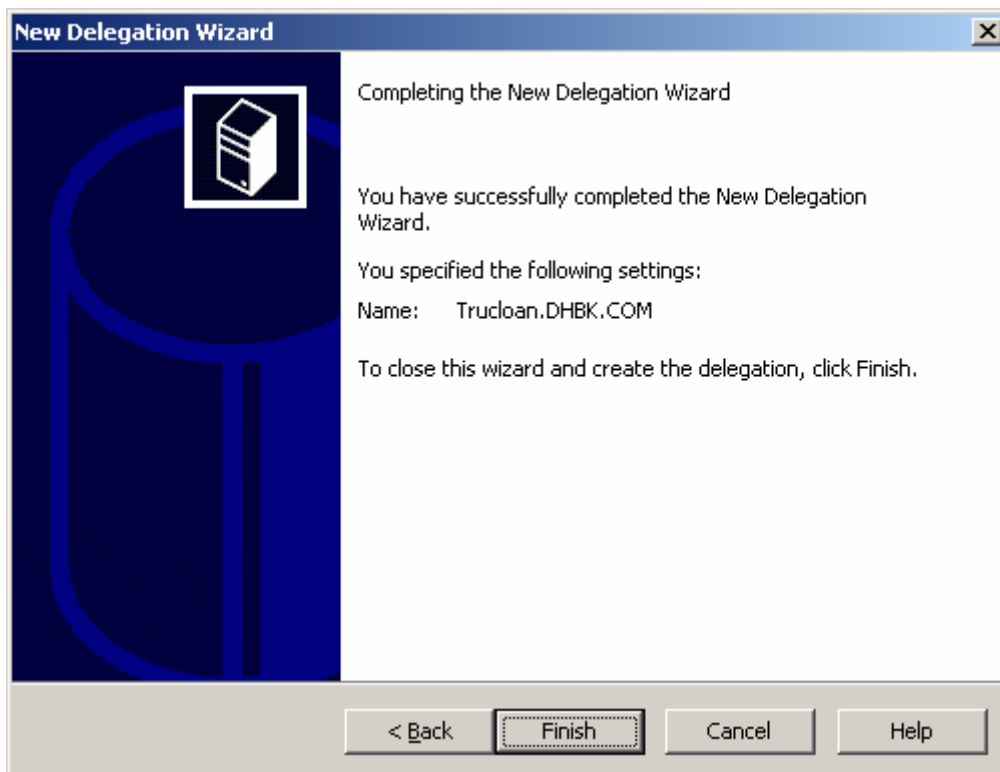
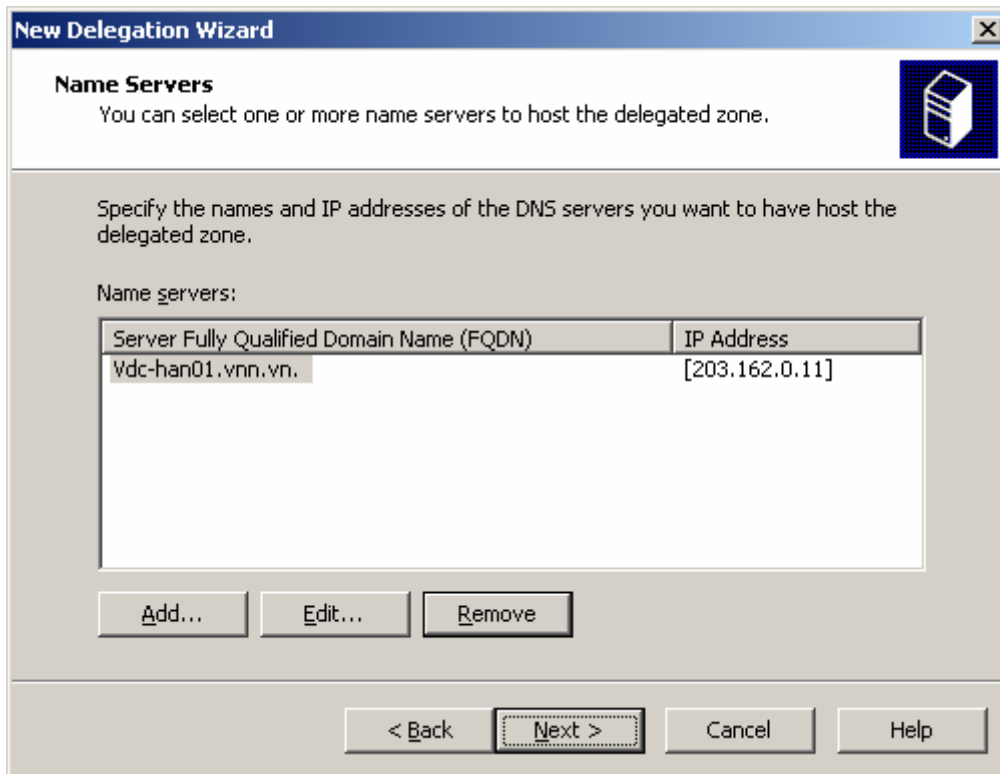
. . . Add

203.162.0.11 Remove

Up

Down

OK Cancel



9. Kiểm tra việc cấu hình DNS có thành công hay không ?

