

1. تحميل نظام التشغيل Win 2003 Server
2. تحميل وإعداد نظام الـ DNS
3. عمل الإعدادات اللازمة لتحويل الجهاز إلى Domain Controller وتركيب الـ Directory Active
4. إنشاء وحدة تنظيمية
5. إنشاء مستخدم جديد
6. تحميل وإعداد نظام الـ DHCP

1- تحميل الويندوز 2003

قم بإعداد الـ (BIOS) ليعمل الـ (CD) في بداية الإقلاع ، بعد ذلك أدخل القرص المدمج في السوافة وانتظر إلى أنت ترى الشاشة التالية (أتبع الخطوات في كل شاشة).





بعد ذلك إنتظر حتى إنتهاء عمل تهيئة القرص ثم نسخ الملفات، بعد ذلك سيتم عمل إعادة تشغيل للجهاز، هذه الخطوات سيتم عملها أوتوماتيكيا ، لذلك لا تقم بالضغط على أي مفتاح . تابع الصور



Windows Setup

Regional and Language Options **Rafat_eng**

You can customize Windows for different regions and languages.

 Regional and Language Options allow you to change the way numbers, dates, currencies and the time are displayed. You can also add support for additional languages, and change your location setting.

The Standards and formats setting is set to English (United States), and the location is set to United States.

To change these settings, click Customize. [Customize...](#)

Text Input Languages allow you to enter text in many different languages, using a variety of input methods and devices.

Your default text input language and method is: US keyboard layout

To view or change your current configuration, click Details. [Details...](#)

Rafat_eng [< Back](#) [Next >](#) من هذه الشاشة نقوم باختيار التالي

Personalize Your Software **Rafat_eng**

Setup uses the information you provide about yourself to personalize your Windows software.

 Type your full name and the name of your company or organization.

Name:

Organization:

1 أكتب الاسم والشركة

Rafat_eng [< Back](#) [Next >](#) 2 ثم التالي

Windows Setup

Your Product Key Rafat_eng

Your Product Key uniquely identifies your copy of Windows.

Please see your License Agreement Administrator or System Administrator to obtain your 25-character Volume License product key. For more information see your product packaging.

Type the Volume License Product Key below:

Product Key:

JB88F - WT2Q3 - DPXTT - Y8GHG - 7YYQY

1 قم بإدخال الرقم التسلسلي للويندوز ٢٠٠٣

2 ثم اضغط على التالي

Next >

Windows Setup

Licensing Modes Rafat_eng

Windows Server 2003 supports two licensing modes.

Select the licensing mode you want to use.

☒ Per server. Number of concurrent connections: 5

Each connection must have its own Client Access License.

☐ Per Device or Per User.

Each device or user must have its own Client Access License.

To avoid violation of the License Agreement, use licensing (which is located in Administrative Tools) to record the number of Client Access Licenses purchased.

قم بزيادة الرقم إذا كان لديك أكثر من خمسة كمبيوترات في الشبكة (يستحسن زيادة العدد وعدم التقيد بعدد الأجهزة). ثم اضغط على التالي

Next >

Windows Setup

Computer Name and Administrator Password Rafat_eng

You must provide a name and an Administrator password for your computer.

Setup has suggested a name for your computer. If your computer is on a network, your network administrator can tell you what name to use.

Computer name: WIN2003 1 لكتابة اسم الكمبيوتر

Setup creates a user account called Administrator. You use this account when you need full access to your computer.

Type an Administrator password.

Administrator password: 2 لكتابة كلمة المرور

Confirm password: 3 لتأكيد كلمة المرور

Rafat_eng < Back Next > 4 ثم اضغط التالي

Windows Setup

Rafat_eng

 You have specified a password for the Administrator account that does not meet the criteria for strong passwords. We recommend that you use a password that meets the first two criteria below and at least three of the others:

- Has at least 6 characters
- Does not contain "Administrator" or "Admin"
- Contains uppercase letters (A, B, C, and so on)
- Contains lowercase letters (a, b, c, and so on)
- Contains numbers (0, 1, 2, and so on)
- Contains non-alphanumeric characters (#, &, ~, and so on)

Are you sure you want to continue with the current password?

أضغط على موافق عند
ظهور هذه الرسالة

Yes No

Windows Setup

Date and Time Settings
Set the correct date and time for your Windows computer.

Date & Time
Sunday, December 05, 2004 11:53:53 AM

Time Zone
(GMT+03:00) Kuwait, Riyadh

☐ Automatically adjust clock for daylight saving changes

قم بتحديد الوقت والدولة التي تقيم بها

Rafat_eng < Back Next > ثم التالي

Microsoft Windows Rafat_eng

Collecting information
Dynamic Update
Preparing installation
Installing Windows
Finalizing installation

Setup will complete in approximately:
31 minutes

Installing Network

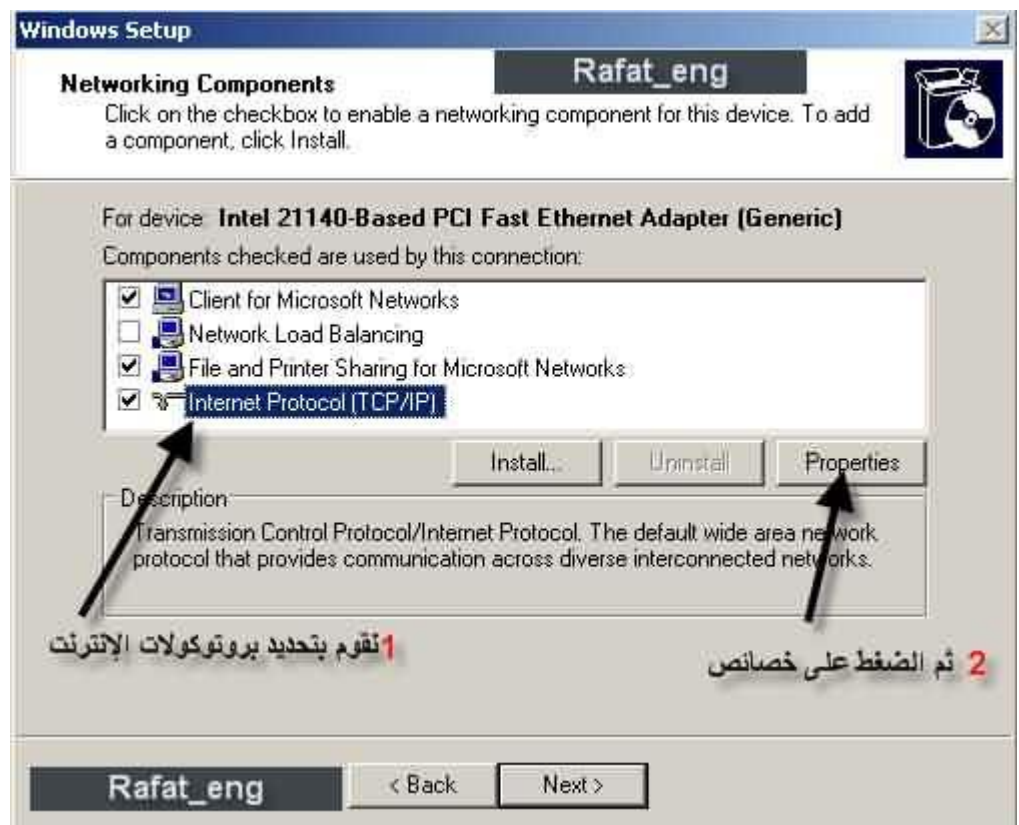
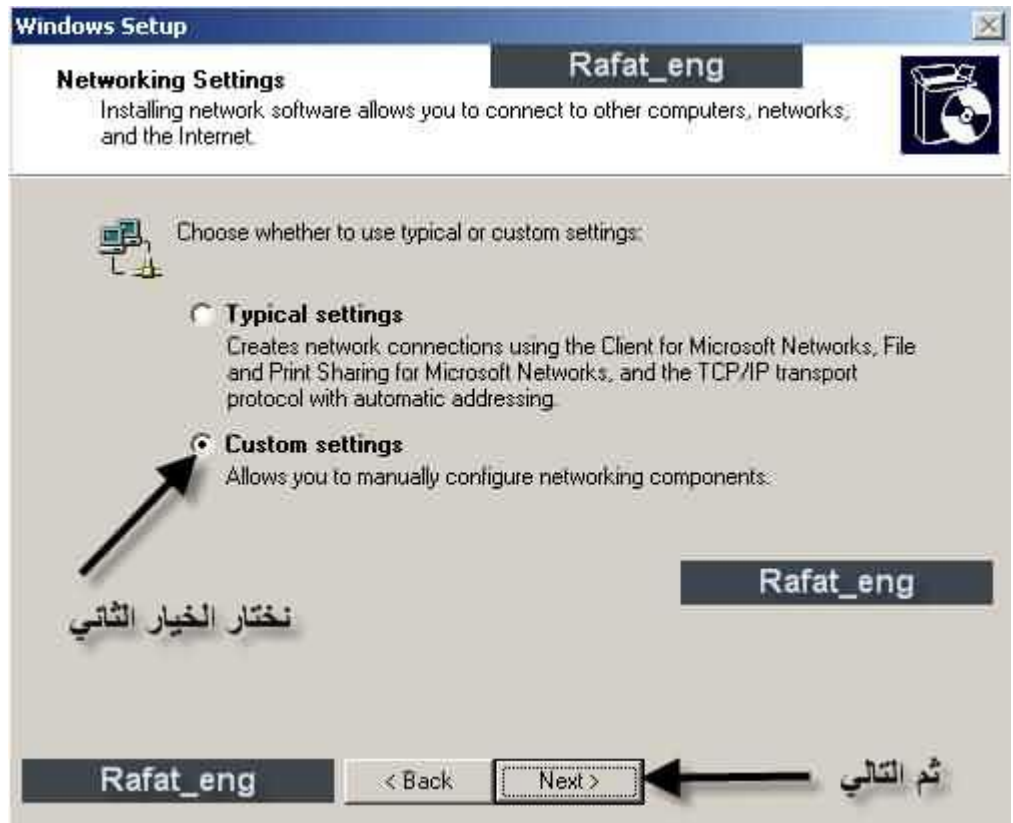
The highest quality Windows server operating system

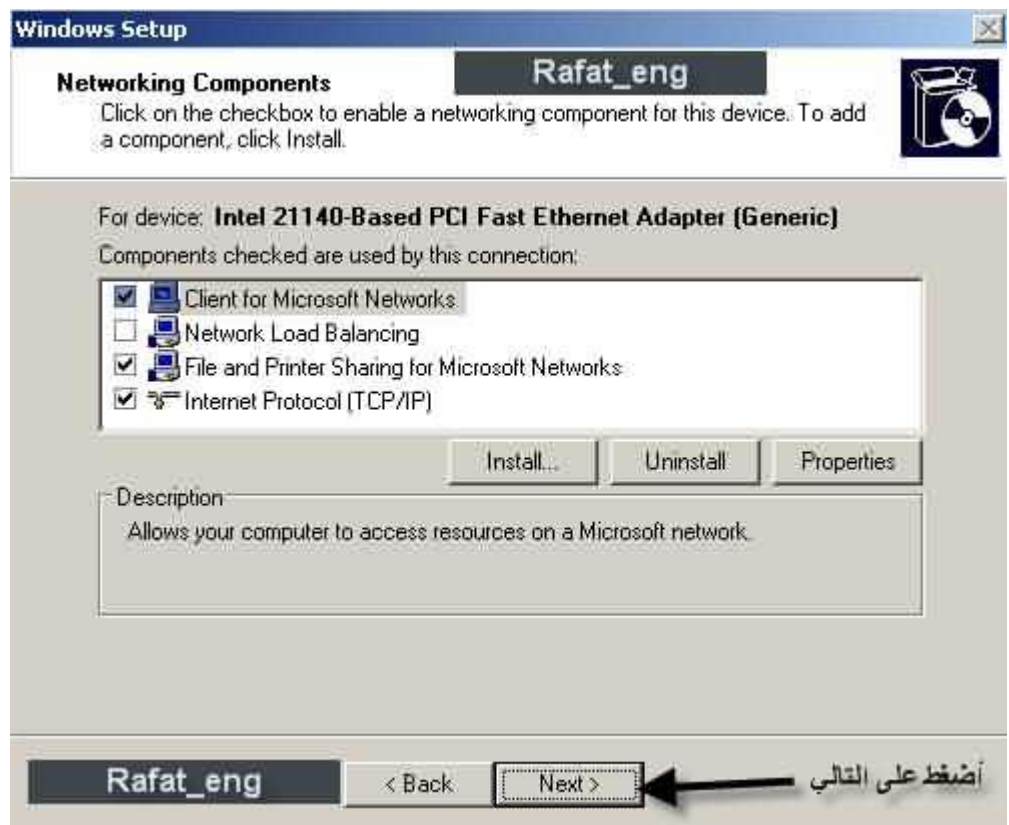
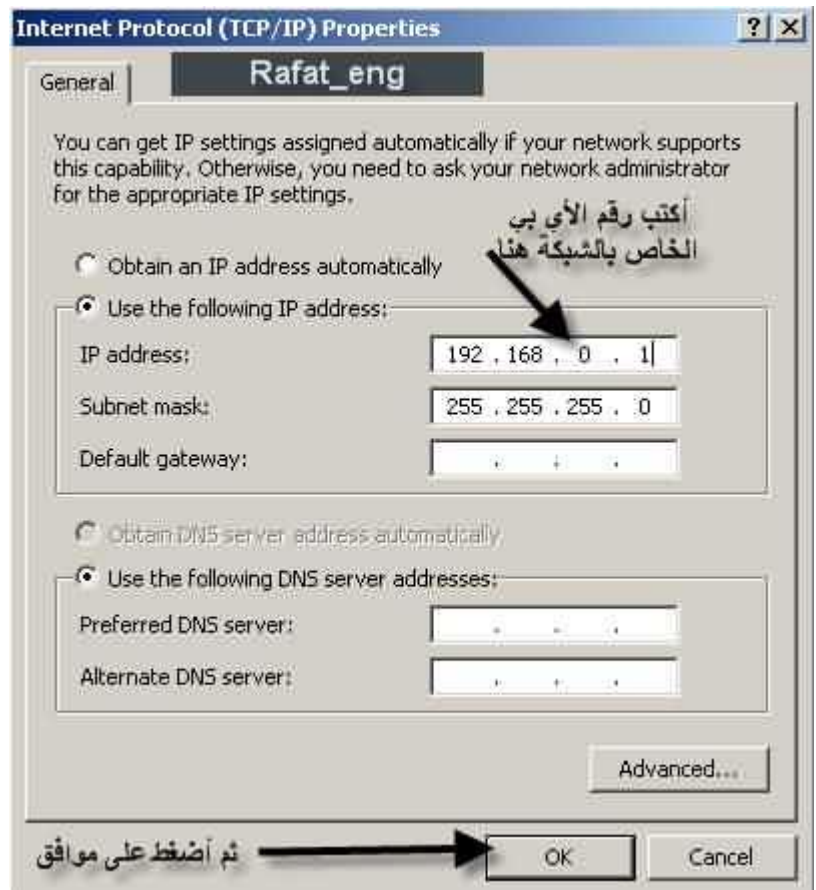
The Windows Server 2003 family includes hundreds of customer-driven improvements, making this version of the Windows server operating system the best ever.

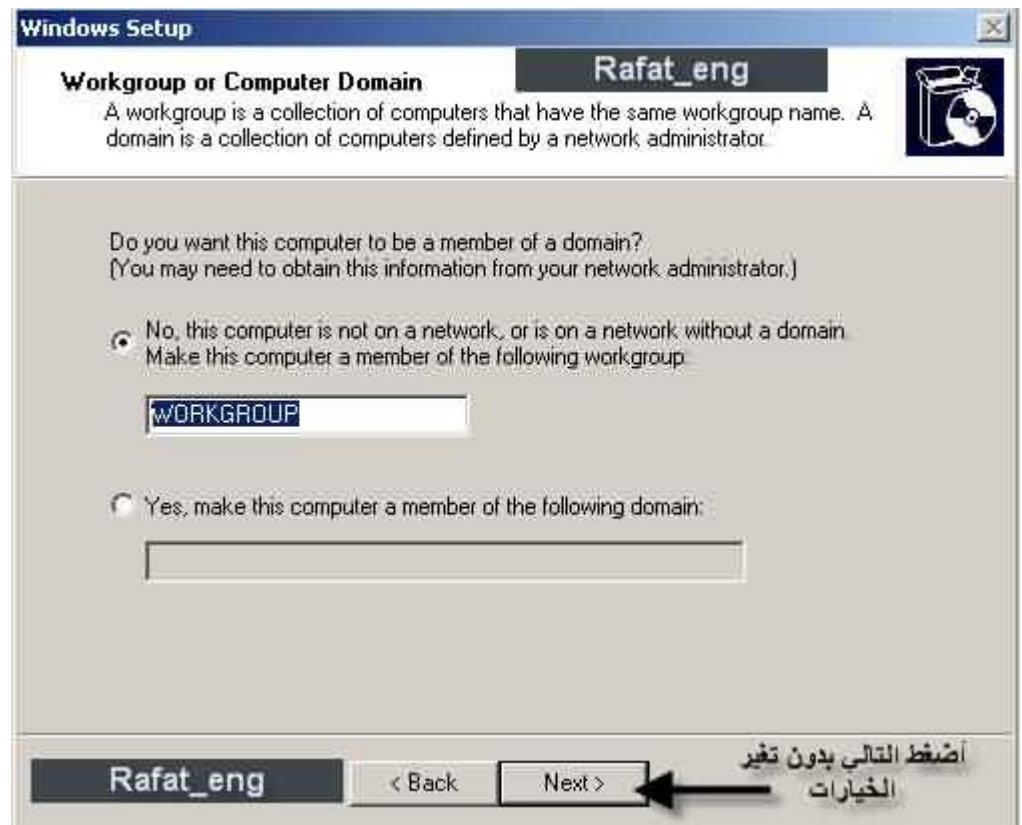
Rafat_eng

انتظر حتى الإنتهاء من تحميل الملفات

Rafat_eng







خطأ!



Rafat_eng

Adding Roles to Your Server

Adding roles to your server lets it perform specific tasks. For example, the file server role enables your server to share files. To add a role, start the Configure Your Server Wizard by clicking Add or remove a role.



Add or remove a role



Read about server roles

Managing Your Server Roles

After you have added a role, return to this page at any time for tools and information to help you with your daily administrative tasks.



No roles have been added to this server. To add a role, click Add or remove a role.

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
Strategic Technology Protection Program

Rafat_eng

ضع علامة صح على هذا الخيار ثم أغلق هذه الشاشة

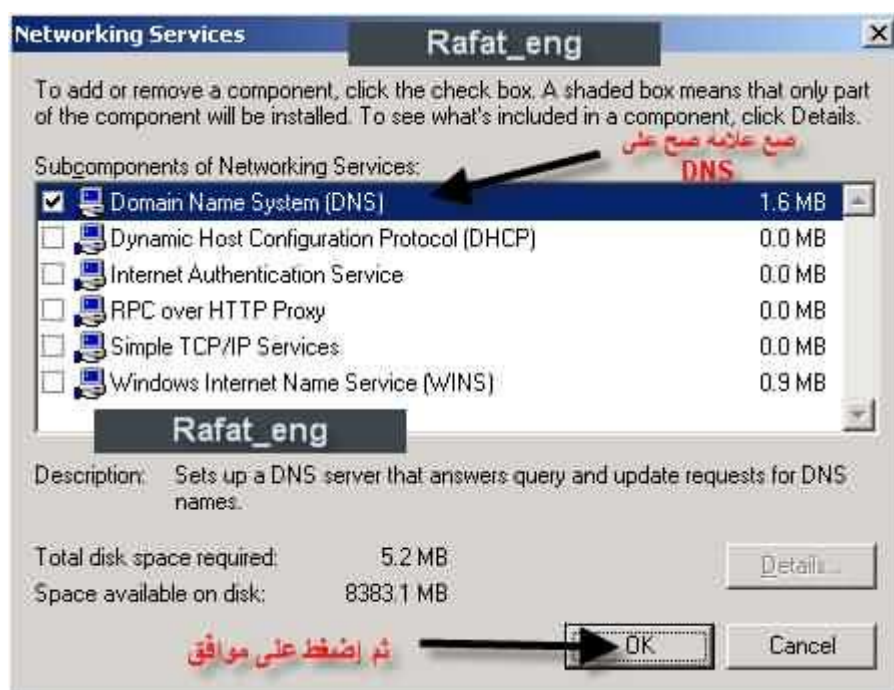
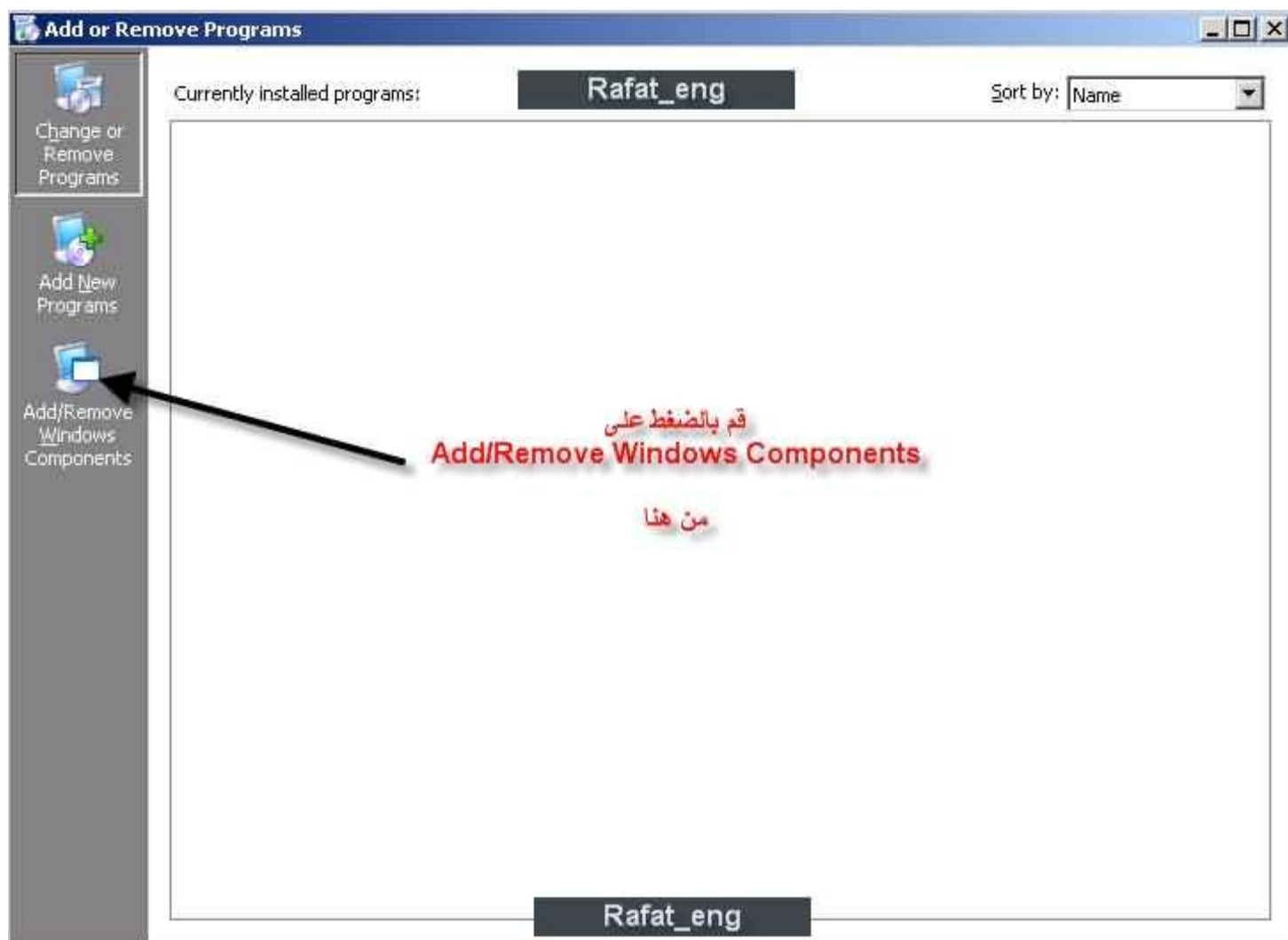
☒ Don't display this page at logon

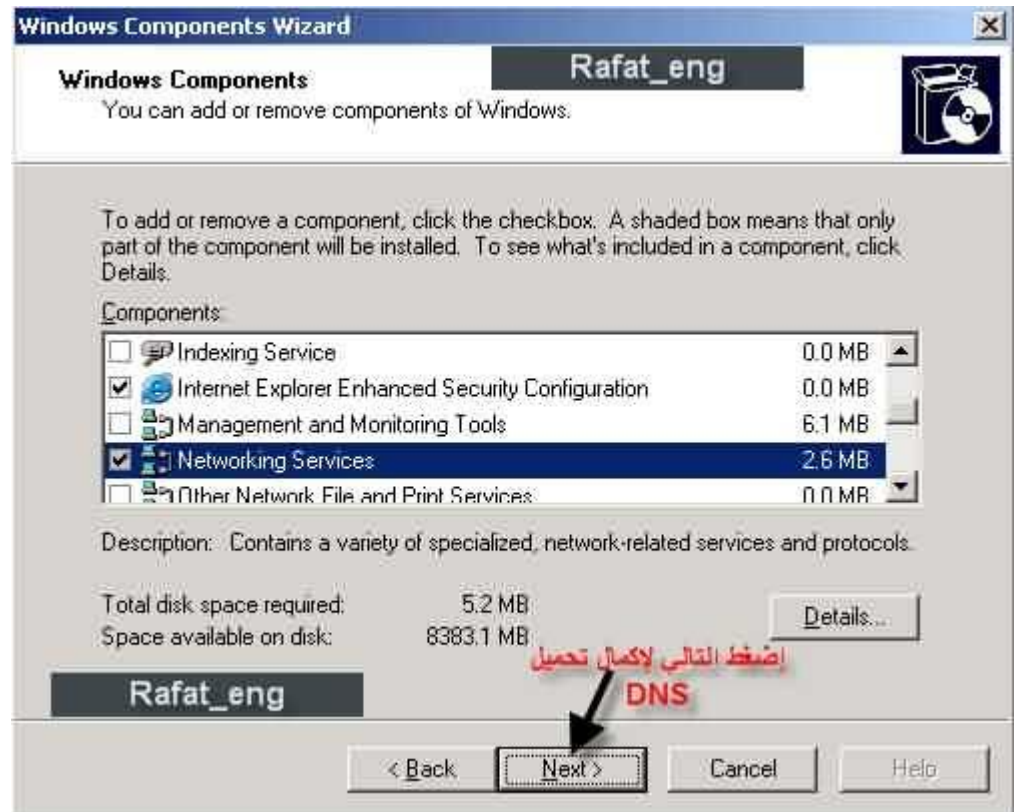
Rafat_eng

تمت عملية إنزال الويندوز 2003 بنجاح

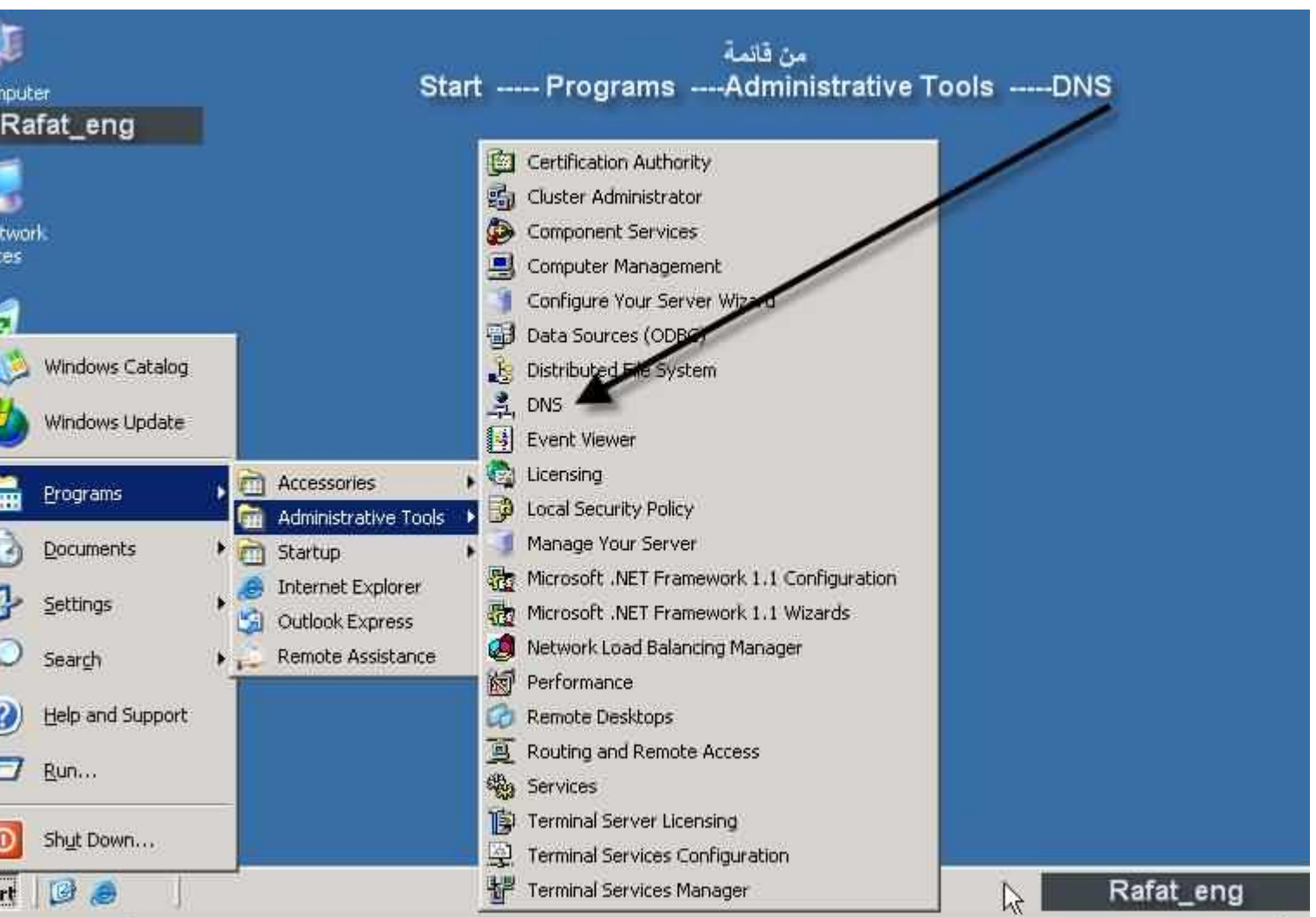
2- تحميل وإعداد نظام الـ DNS
اتباع الخطوات التالية

Start --- 2-Control Panel --- 3-Add/Remove Programs-1
بعد ذلك أكمل مع الصور

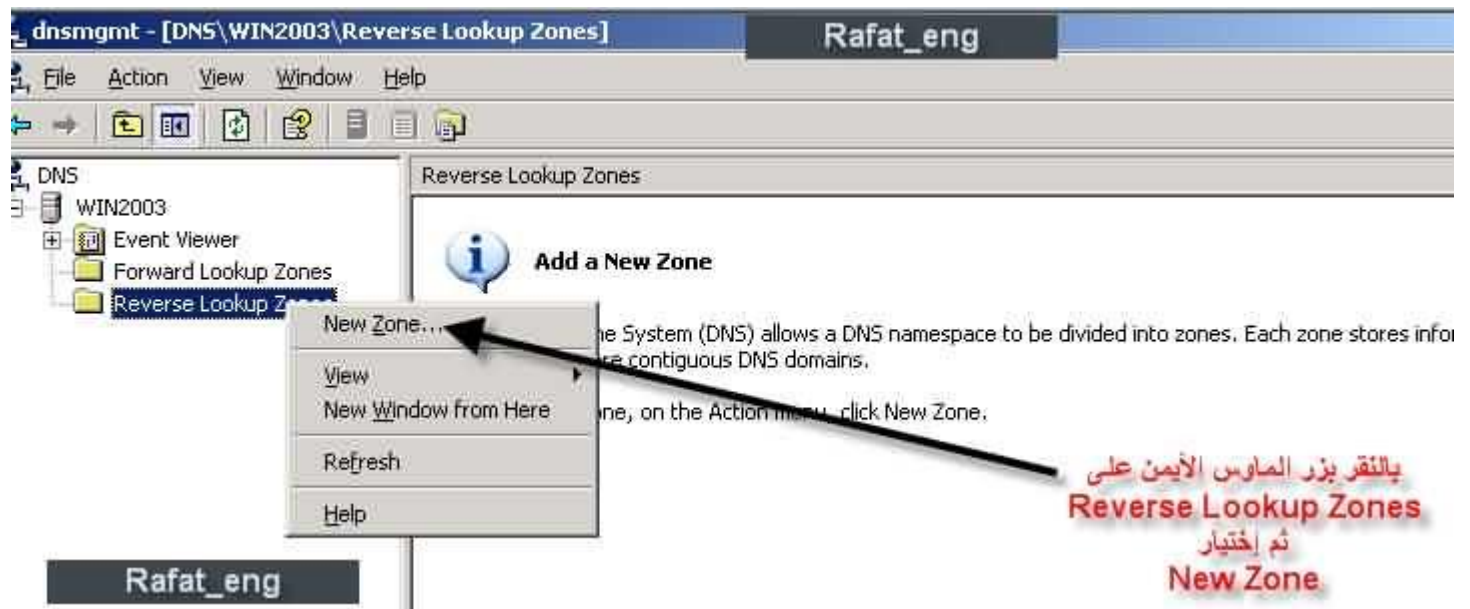


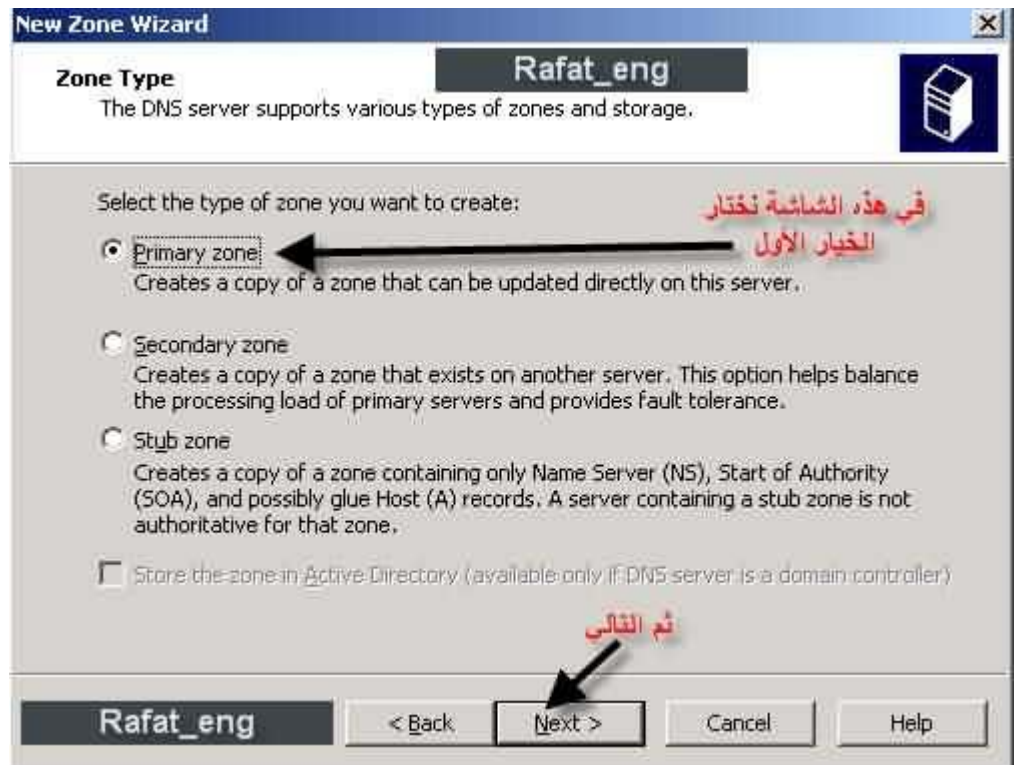


خطأ!



تمت عملية التحميل ، الآن سأقوم بشرح الإعدادات ... تابع الصور





New Zone Wizard Rafat_eng

Reverse Lookup Zone Name
A reverse lookup zone translates IP addresses into DNS names.

To identify the reverse lookup zone, type the network ID or the name of the zone.

☒ Network ID:
192 .168 .0

هنا نضع الخانات الثلاثة الأولى من رقم الأي بي الخاص بالشبكة

The network ID is the portion of the IP addresses that belongs to this zone. Enter the network ID in its normal (not reversed) order.

If you use a zero in the network ID, it will appear in the zone name. For example, network ID 10 would create zone 10.in-addr.arpa, and network ID 10.0 would create zone 0.10.in-addr.arpa.

☐ Reverse lookup zone name:
0.168.192.in-addr.arpa

For more information on creating a reverse lookup zone, click Help.

ثم التالي

Rafat_eng < Back Next > Cancel Help

New Zone Wizard Rafat_eng

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?

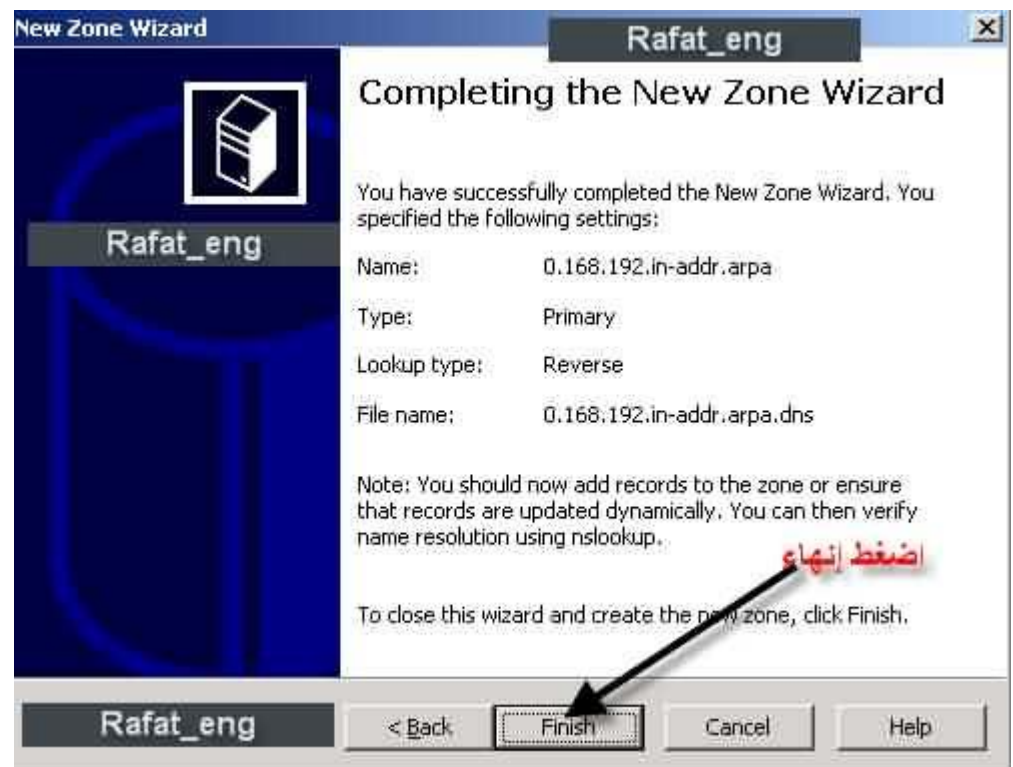
☒ Create a new file with this file name:
0.168.192.in-addr.arpa.dns

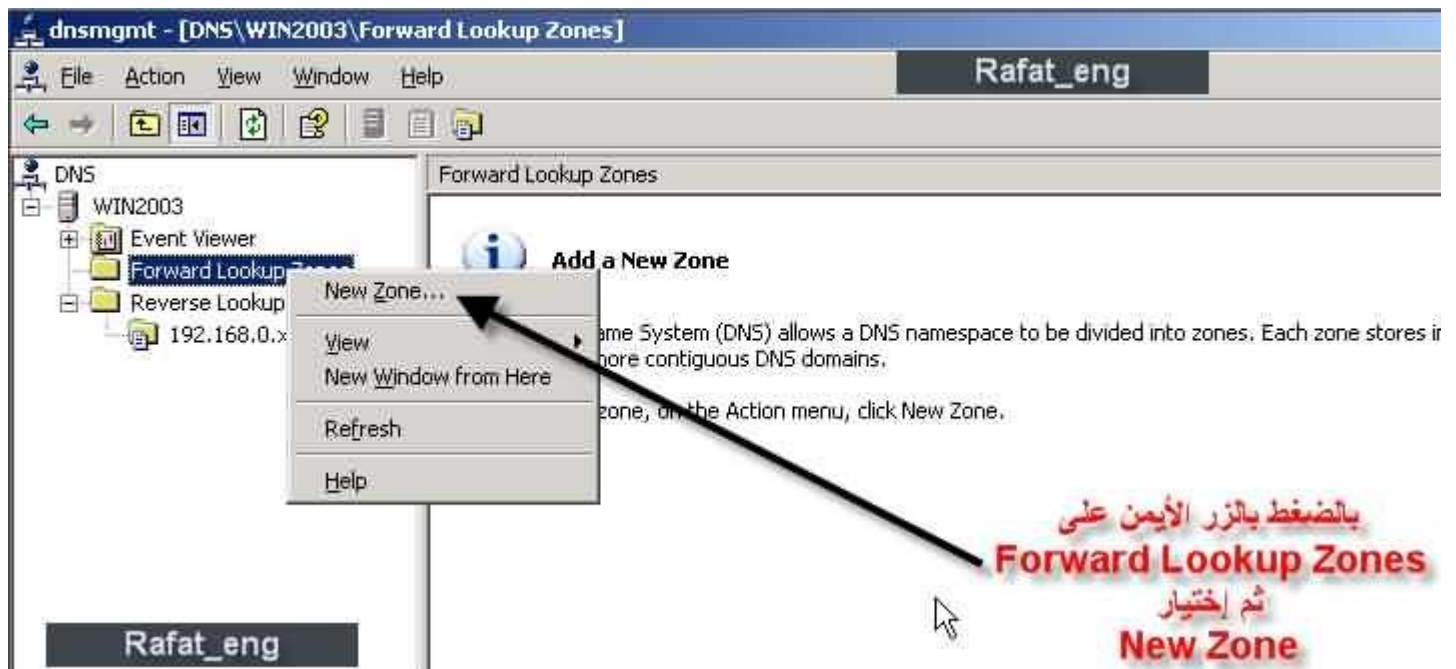
☐ Use this existing file:

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

اضغط التالي بدون تغيير الإعدادات في هذا الشاشة

Rafat_eng < Back Next > Cancel Help





New Zone Wizard Rafat_eng

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

Select the type of zone you want to create: **أختر الخيار الأول**

☒ **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)*

Rafat_eng < Back Next > Cancel Help **ثم التالي**

New Zone Wizard Rafat_eng

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:
ISA-SERVER.com

قم بكتابة اسم مختلف عن اسم الجهاز مع ملاحظة عدم ترك مسافة بين الأحرف أو الكلمات

For more information about zone names, click Help.

Rafat_eng < Back Next > Cancel Help **ثم التالي**

New Zone Wizard Rafat_eng

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:
ISA-SERVER.com.dns

☐ 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.

اضغط التالي بدون تغيير الخيارات

Rafat_eng < Back Next > Cancel Help

New Zone Wizard Rafat_eng

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:

تختار الخيار التالي Allow both nonsecure.....

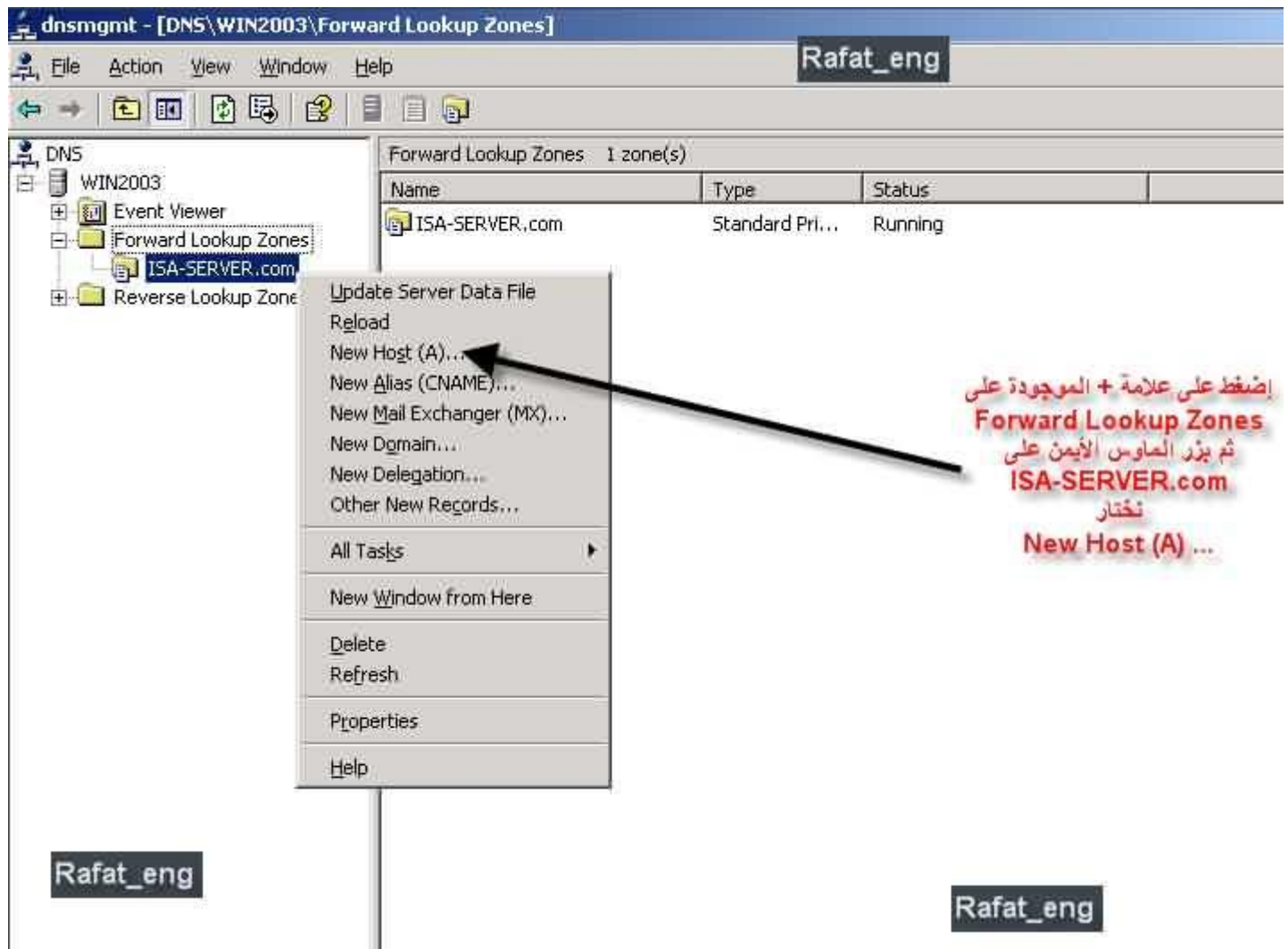
☐ Allow only secure dynamic updates (recommended for Active Directory).
This option is available only for Active Directory-integrated zones.

☒ 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.

ثم التالي

Rafat_eng < Back Next > Cancel Help



New Host Rafat_eng

Name (uses parent domain name if blank):
 اولا نكتب اسم الجهاز

Fully qualified domain name (FQDN):

IP address:
 ثانيا نضع رقم الـ اي بي الخاص بالجهاز

☒ Create associated pointer (PTR) record *ثالثا نضع علامة صح هنا*

Rafat_eng

اخيرا نضغط على

DNS Rafat_eng

 The host record WIN2003.ISA-SERVER.com was successfully created.

Rafat_eng *اضغط على موافق*

New Host Rafat_eng

Name (uses parent domain name if blank):

Fully qualified domain name (FQDN):

IP address:

☒ Create associated pointer (PTR) record

Rafat_eng *ثم نضغط هنا*

خطأ!

dnsmgmt - [DNS\WIN2003\Forward Lookup Zones\ISA-SERVER.com]

File Action View Window Help Rafat_eng

DNS

- WIN2003
 - Event Viewer
 - Forward Lookup Zones
 - ISA-SERVER.com
 - Reverse Lookup Zones

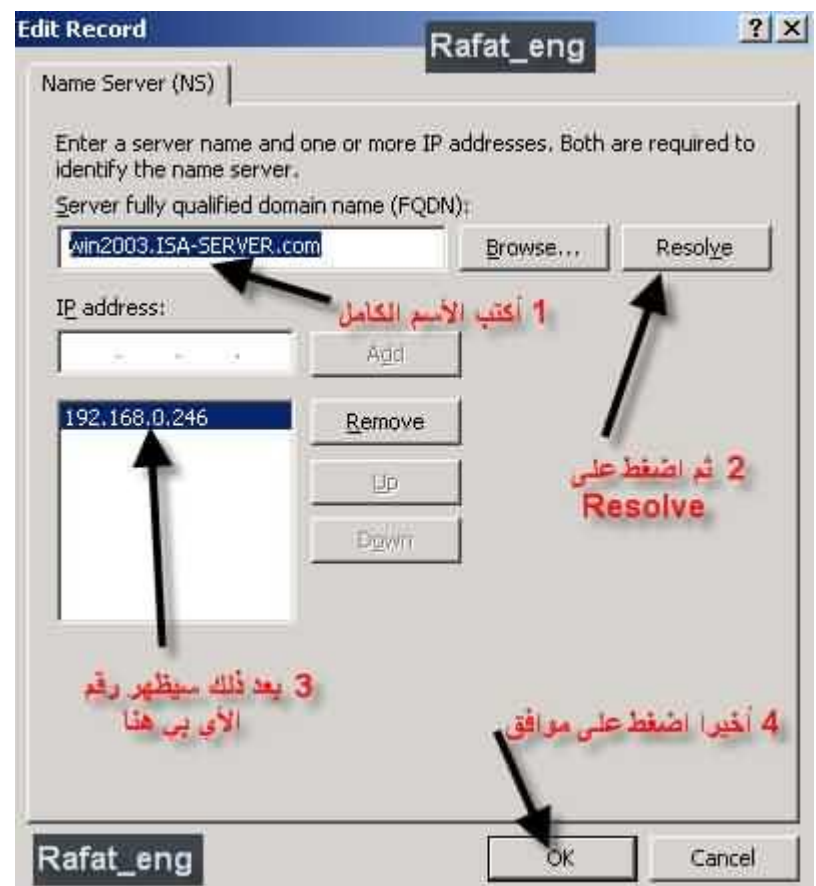
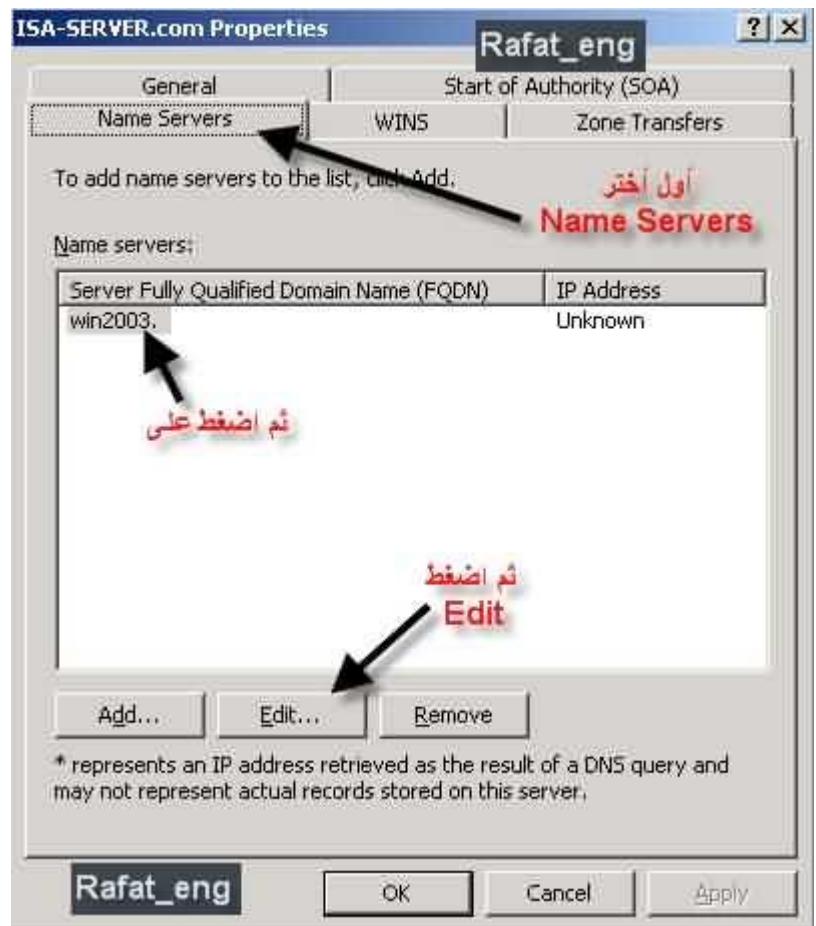
ISA-SERVER.com 3 record(s)

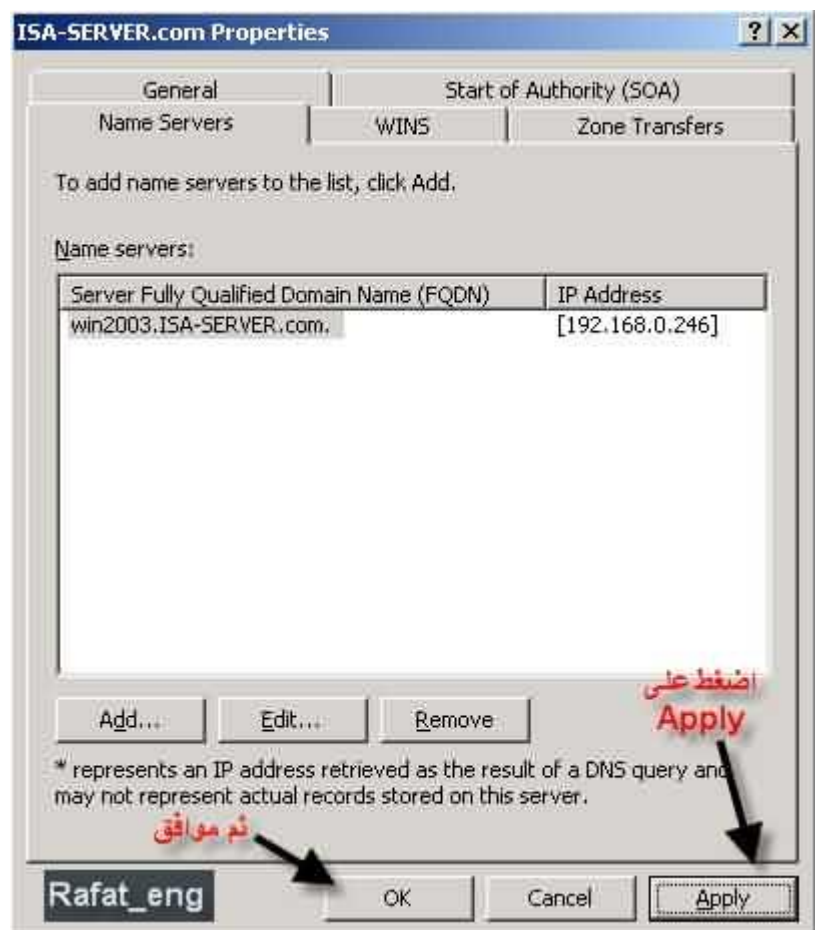
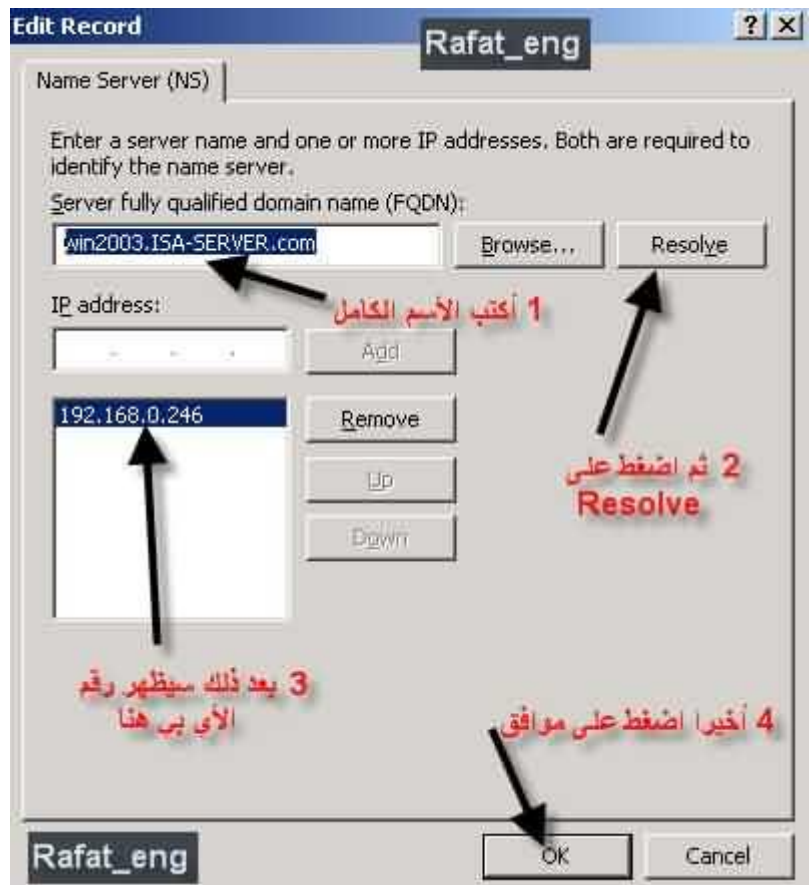
Name	Type	Data
(same as parent folder)	Start of Authority (SOA)	[1], win2003., hostmaster,
(same as parent folder)	Name Server (NS)	win2003,
	Host (A)	192.168.0.246

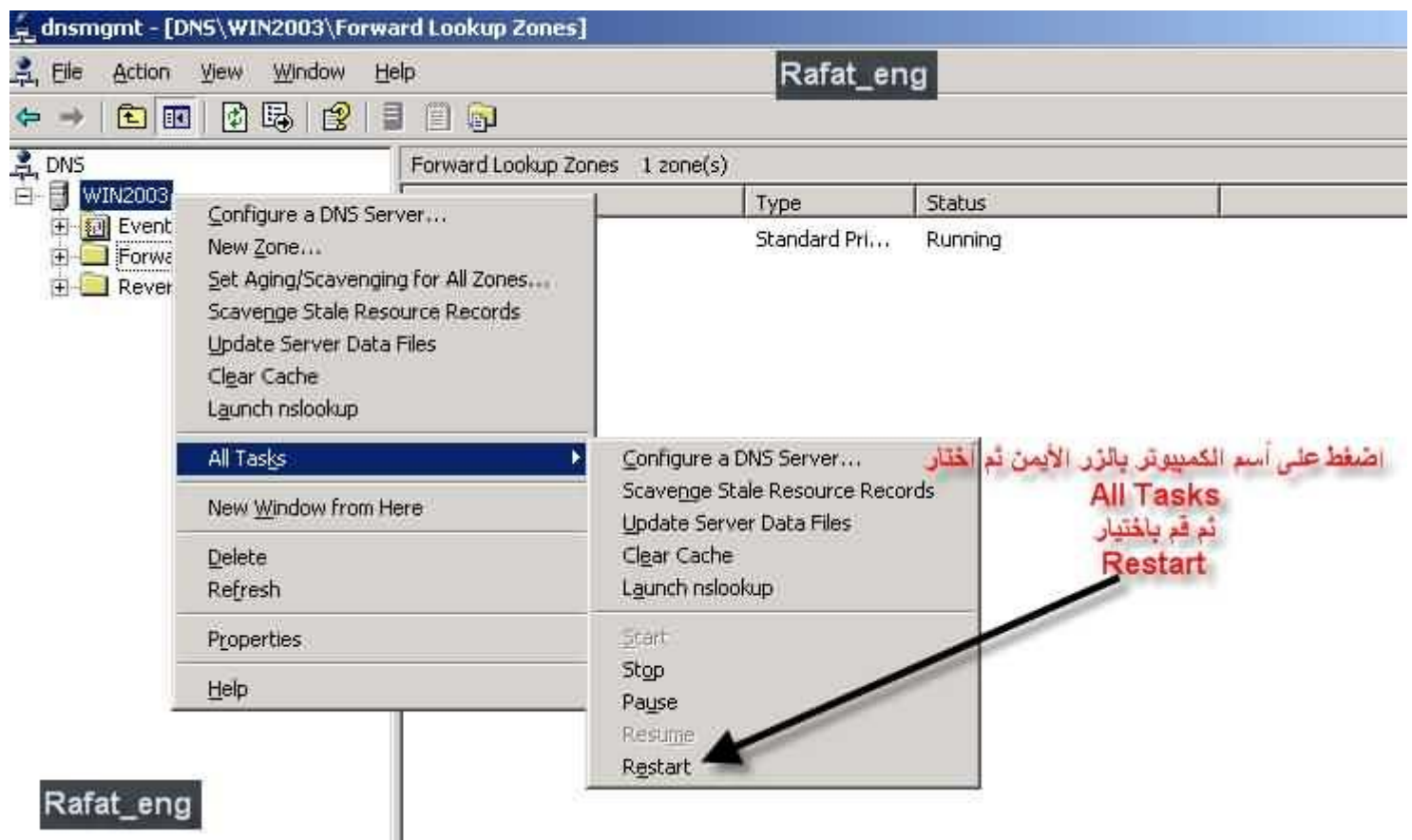
Update Server Data File
Reload
New Host (A)...
New Alias (CNAME)...
New Mail Exchanger (MX)...
New Domain...
New Delegation...
Other New Records...
All Tasks
View
New Window from Here
Delete
Refresh
Export List...
Properties
Help

اضغط على علامة + الموجود قبل
Forward Lookup Zones
ثم بالزر الأيمن على
ISA_SERVER.com
ثم اختر
Properties

Rafat_eng Rafat_eng



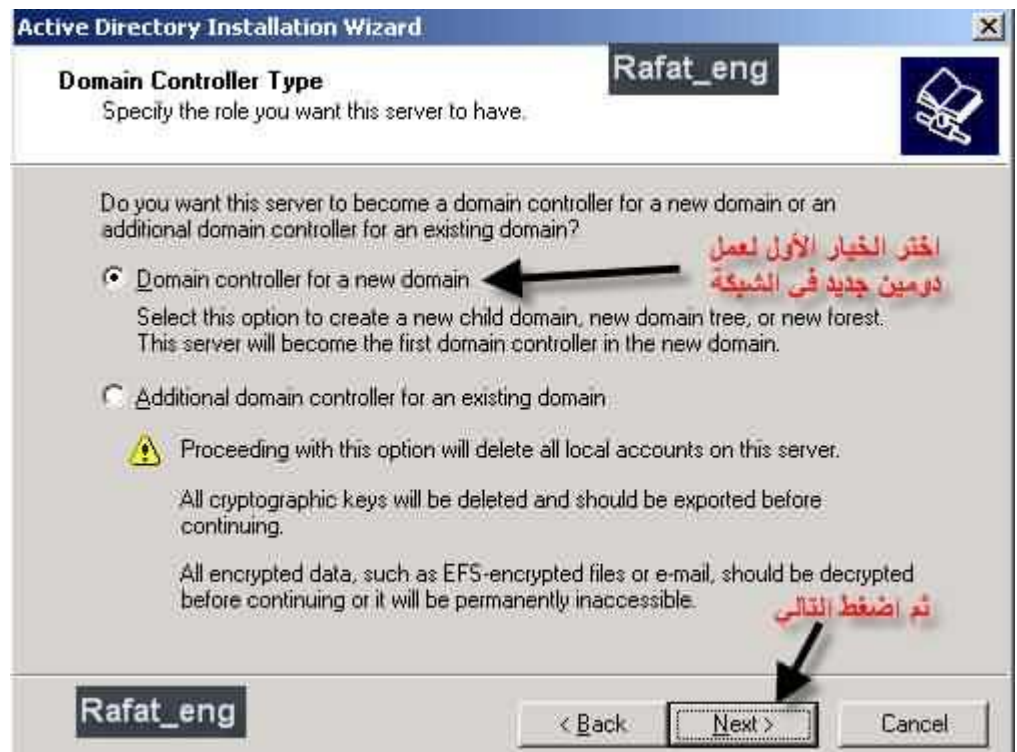
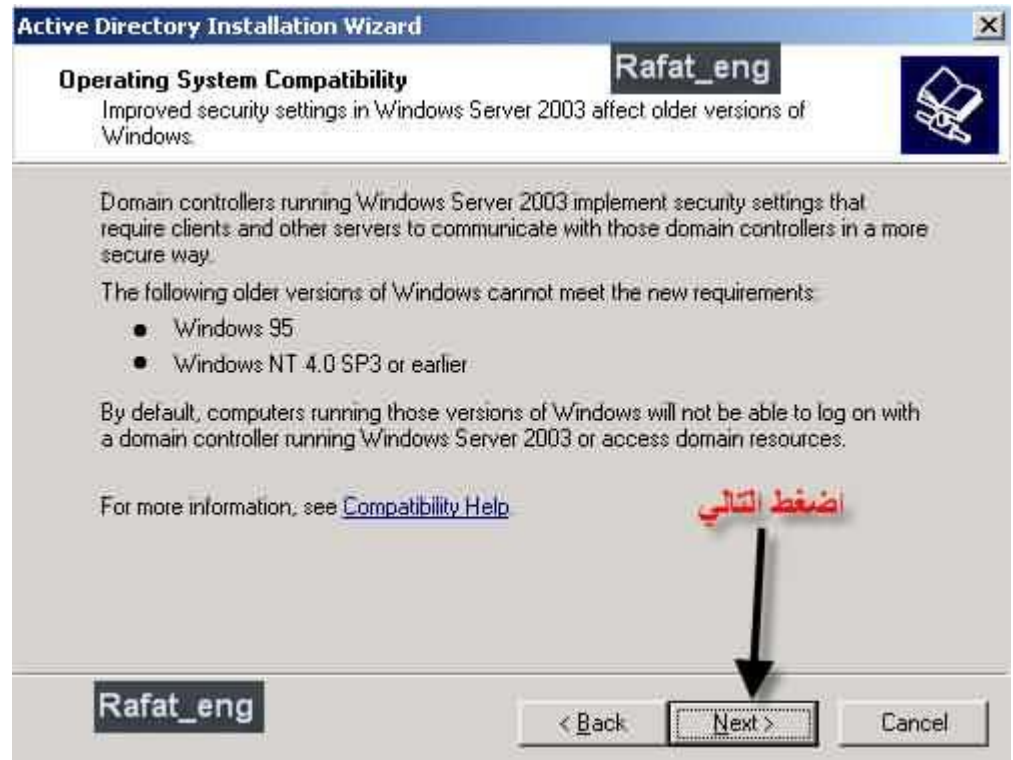




تمت عملية الإعدادات بنجاح

3- عمل الإعدادات اللازمة لتحويل الجهاز إلى Domain Controller وتركيب الـ Active Directory
أتبع الخطوات
-----Start-----Run
ثم أكتب
dcpromo
ثم اضغط موافق، تابع مع الصور





Active Directory Installation Wizard Rafat_eng

Create New Domain
Select which type of domain to create.

Create a new:

- ☒ **Domain in a new forest** اختر الخيار الأول
Select this option if this is the first domain in your organization or if you want the new domain to be completely independent of your current forest.
- ☐ **Child domain in an existing domain tree**
If you want the new domain to be a child of an existing domain, select this option. For example, you could create a new domain named `headquarters.example.microsoft.com` as a child domain of the domain `example.microsoft.com`.
- ☐ **Domain tree in an existing forest**
If you don't want the new domain to be a child of an existing domain, select this option. This will create a new domain tree that is separate from any existing trees. ثم اضغط التالي

Rafat_eng < Back Next > Cancel

Active Directory Installation Wizard Rafat_eng

New Domain Name
Specify a name for the new domain.

Type the full DNS name for the new domain.
(for example: `headquarters.example.microsoft.com`).

Full DNS name for new domain:
ISA-SERVER.com اكتب الاسم الكامل كما هو موضح

Rafat_eng < Back Next > Cancel ثم التالي

Active Directory Installation Wizard Rafat_eng

NetBIOS Domain Name
Specify a NetBIOS name for the new domain.

This is the name that users of earlier versions of Windows will use to identify the new domain. Click Next to accept the name shown, or type a new name.

Domain NetBIOS name: ISA-SERVER

اضغط التالي بدون تغيير الاسم الخاص بـ
NetBios

Rafat_eng

< Back Next > Cancel

Active Directory Installation Wizard Rafat_eng

Database and Log Folders
Specify the folders to contain the Active Directory database and log files.

For best performance and recoverability, store the database and the log on separate hard disks.

Where do you want to store the Active Directory database?

Database folder:
C:\WINDOWS\NTDS Browse...

Where do you want to store the Active Directory log?

Log folder:
C:\WINDOWS\NTDS Browse...

اضغط التالي بدون تغيير الإعدادات

Rafat_eng

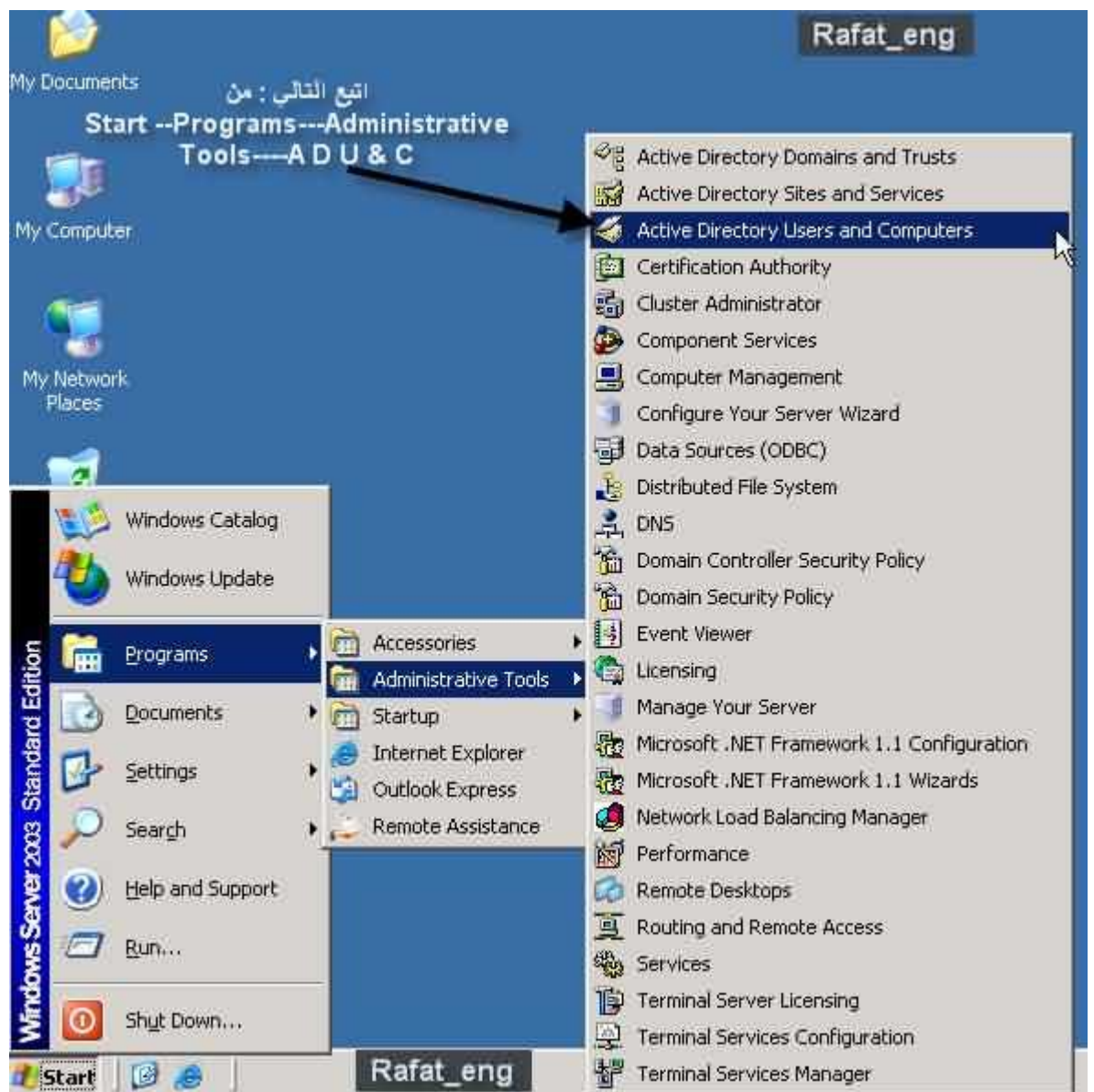
< Back Next > Cancel



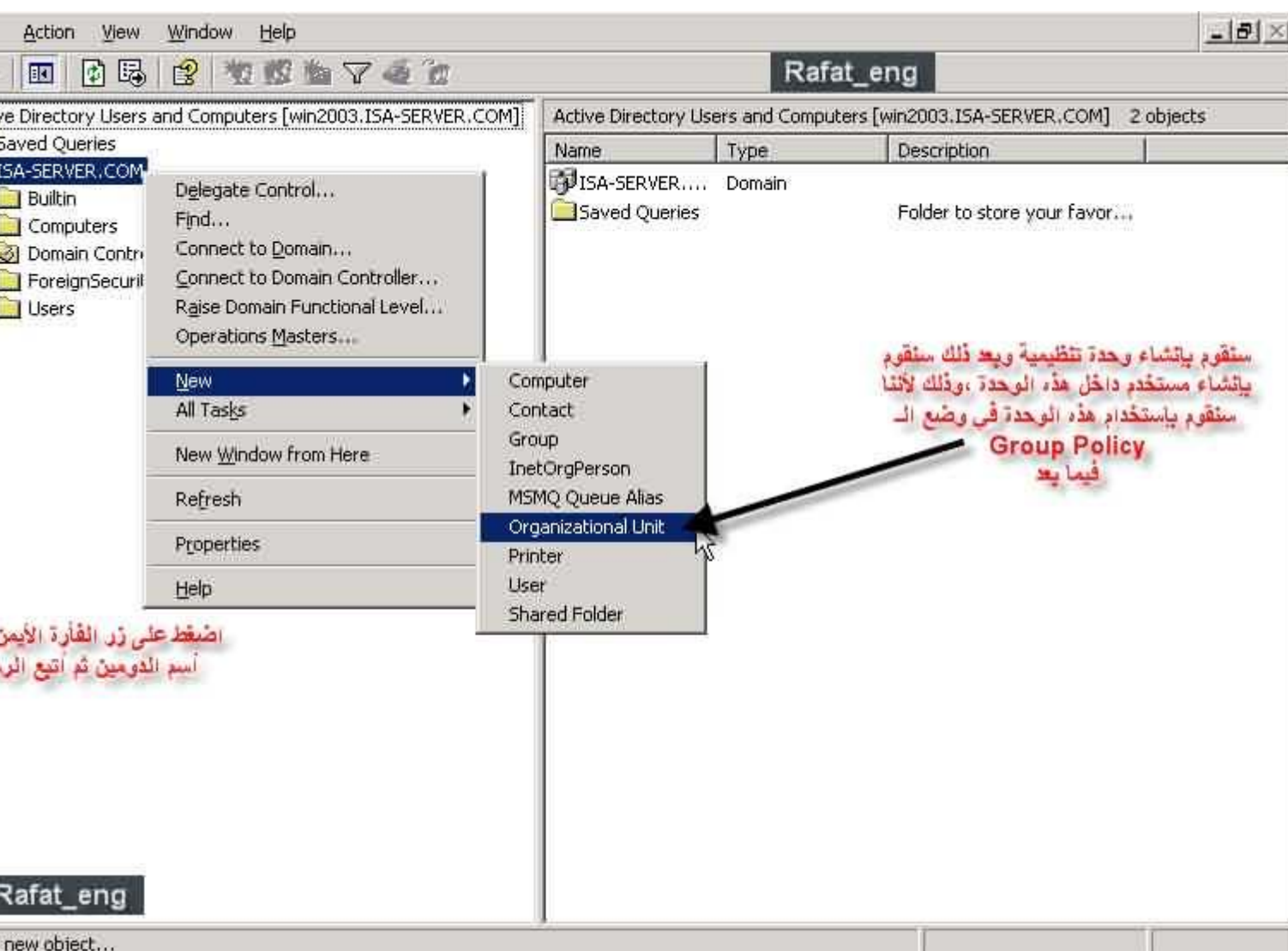
تمت عملية تحويل الجهاز إلى دومين على الشبكة بنجاح

4-إنشاء وحدة تنظيمية



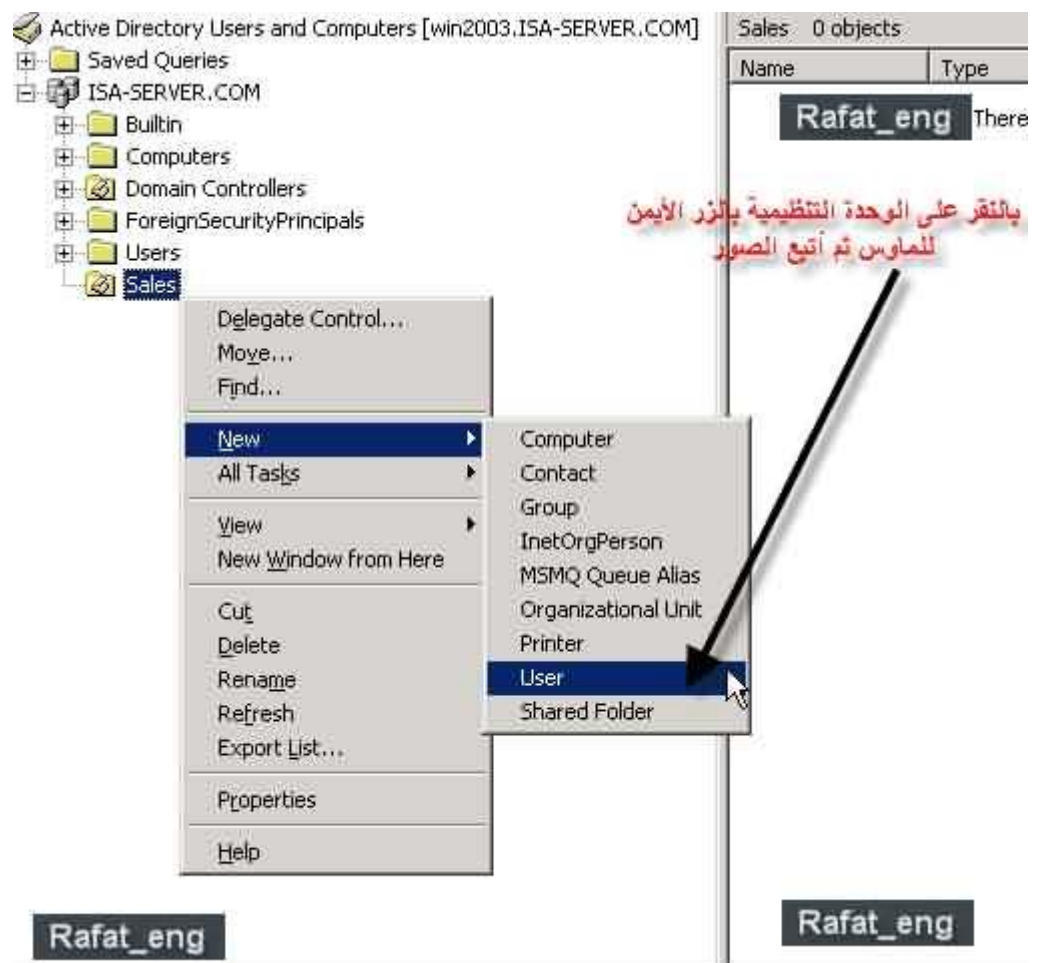


خطأ!





5- إنشاء مستخدم جديد



New Object - User Rafat_eng

Create in: ISA-SERVER.COM/Sales

ضع الاسم الأول للمستخدم

First name: Rafat Initials:

Last name: Salah أكتب الاسم الأخير للمستخدم

Full name: Rafat Salah سيتم جمع الأسمين أتماتيكيًا

User logon name: rafat_eng ضع اسم الدخول إلى النظام @ISA-SERVER.COM

User logon name (pre-Windows 2000): ISA-SERVER\ rafat_eng سيكتبه أتماتيكيًا.. لا تغيره

أخير اضغط التالي

Rafat_eng < Back Next > Cancel

New Object - User Rafat_eng

Create in: ISA-SERVER.COM/Sales

Password: أكتب كلمة المرور هنا

Confirm password: أكتب كلمة المرور مرة أخرى

☒ User must change password at next logon هذا الخيار يُمكن المستخدم من تغير كلمة المرور في أو تسجل له في النظام

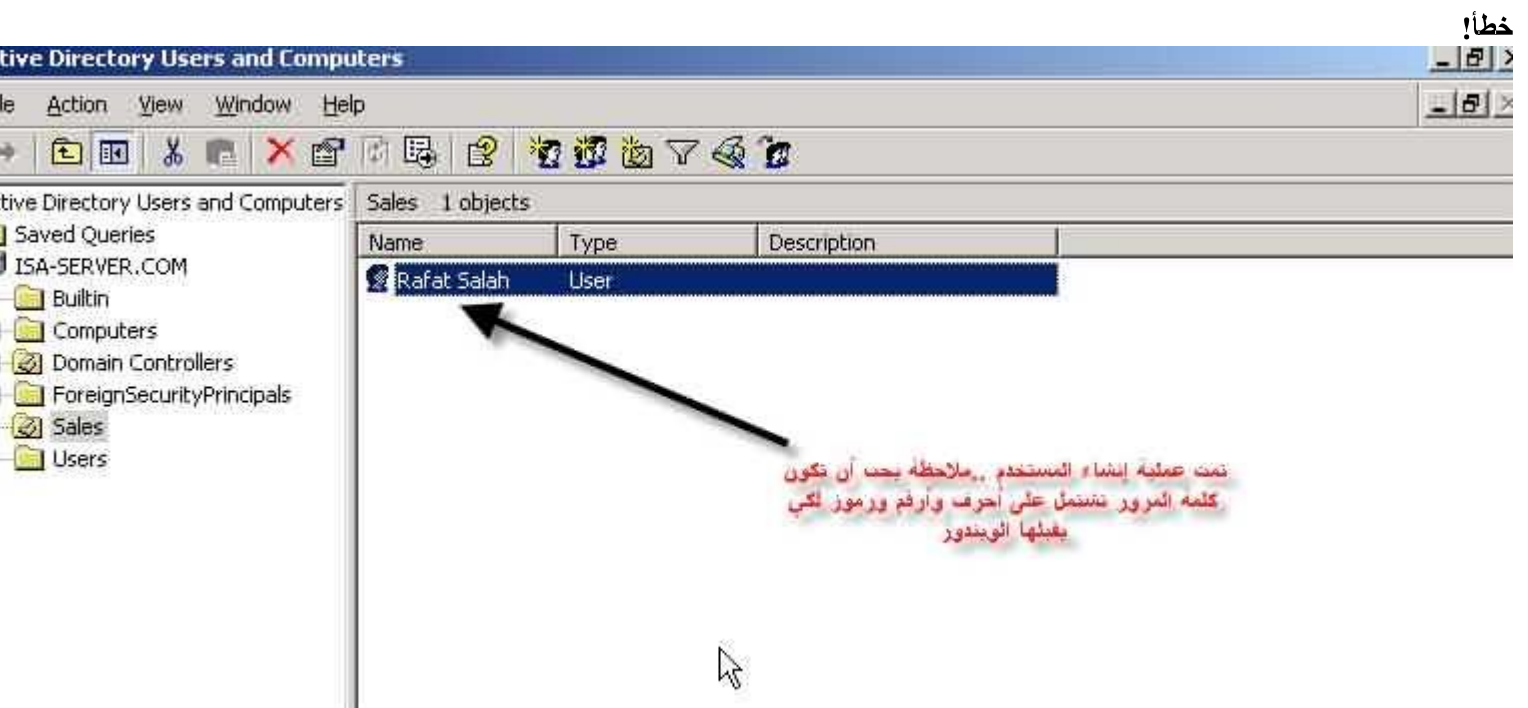
☐ User cannot change password لعدم تمكن المستخدم من تغير كلمة المرور

☐ Password never expires كل أربعين يوم يطلب النظام تغير كلمة المرور .. هذا الخيار يقوم بإلغاء طلب تغير كلمة المرور

☐ Account is disabled هذا المستخدم لا يعمل .. من الممكن إنشاء مستخدم وعدم تمكنه من الدخول إلى النظام

أضغط التالي

Rafat_eng < Back Next > Cancel



تم الإنتهاء من إنشاء مستخدم جديد

6- تحميل وإعداد نظام الـ

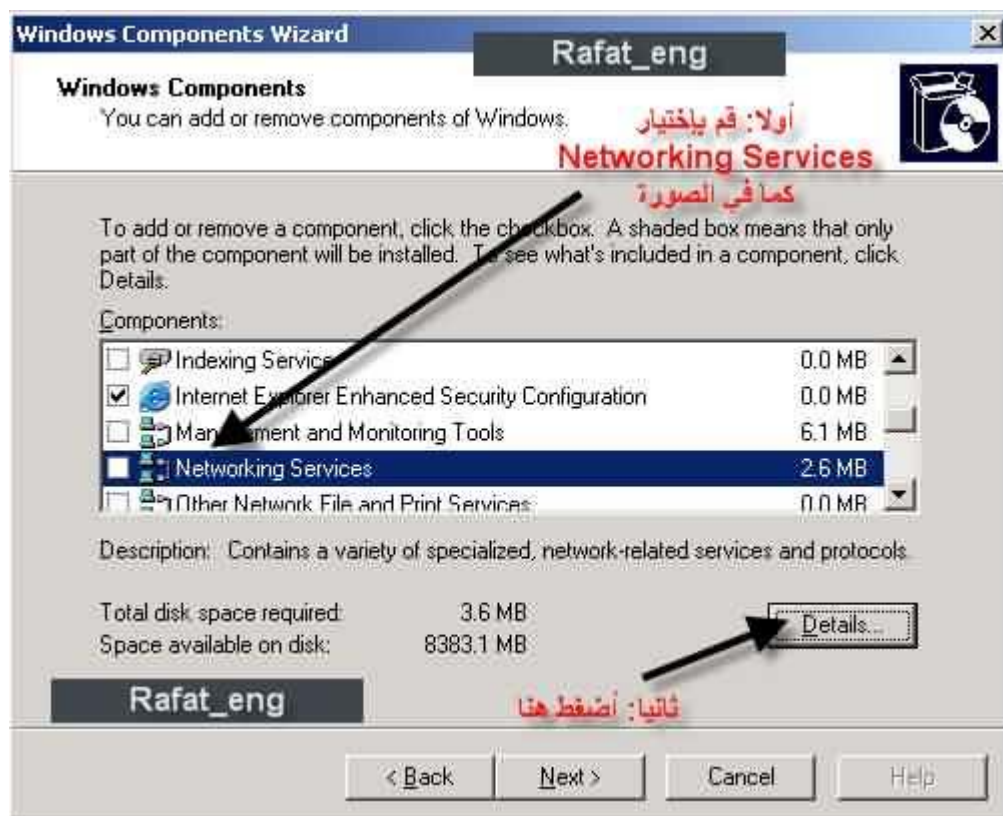
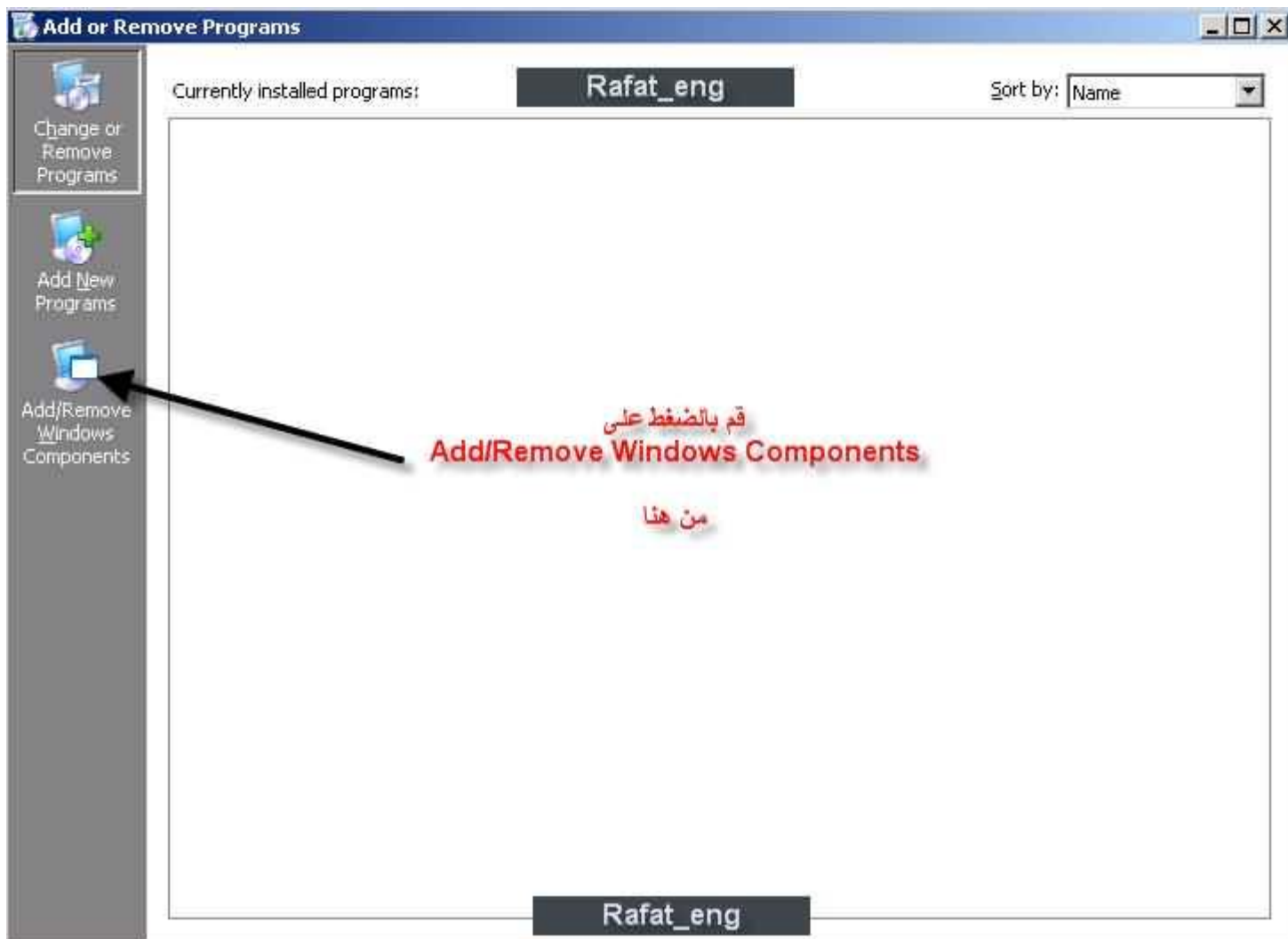
DHCP

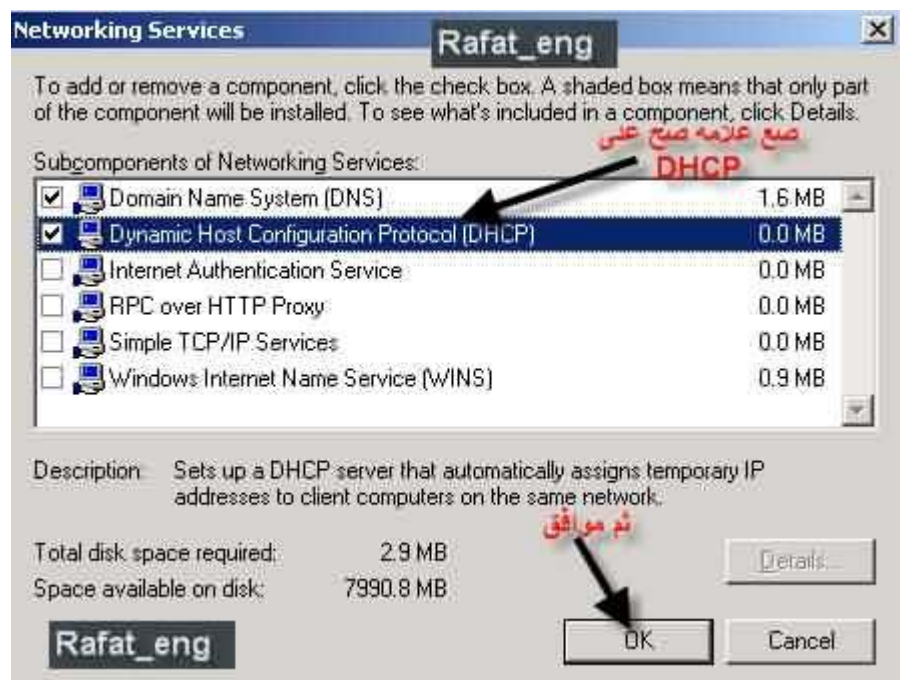
قم بإغلاق جميع البرامج والملفات المفتوحة على الجهاز وتابع

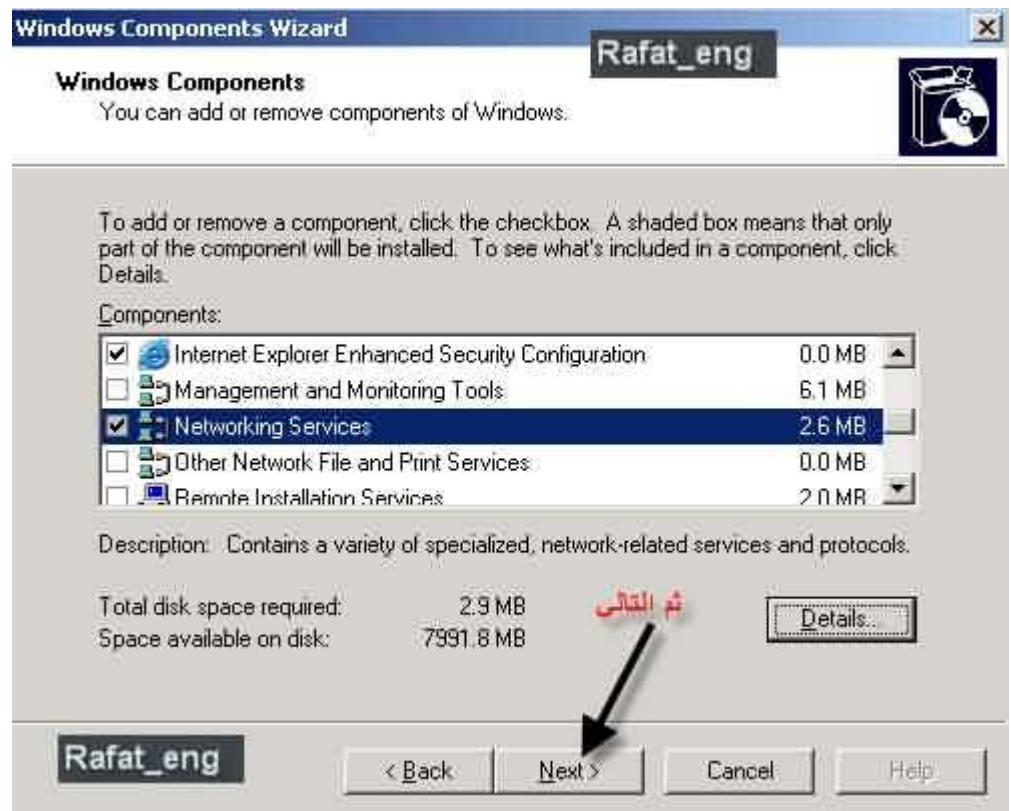
اتباع الخطوات التالية

Add/Remove Programs-3 --- Start --- 2-Control Panel-1

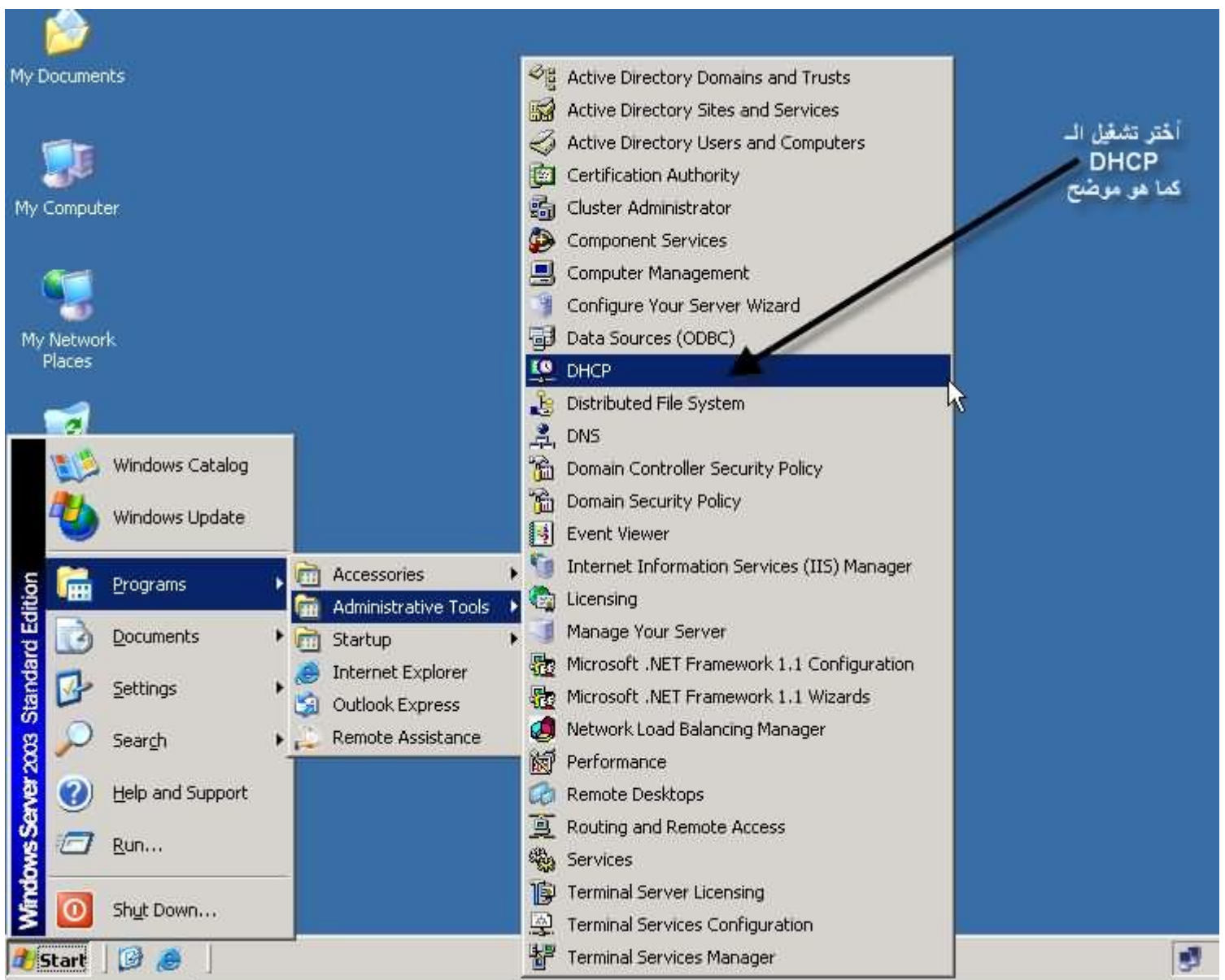
بعد ذلك أكمل مع الصور



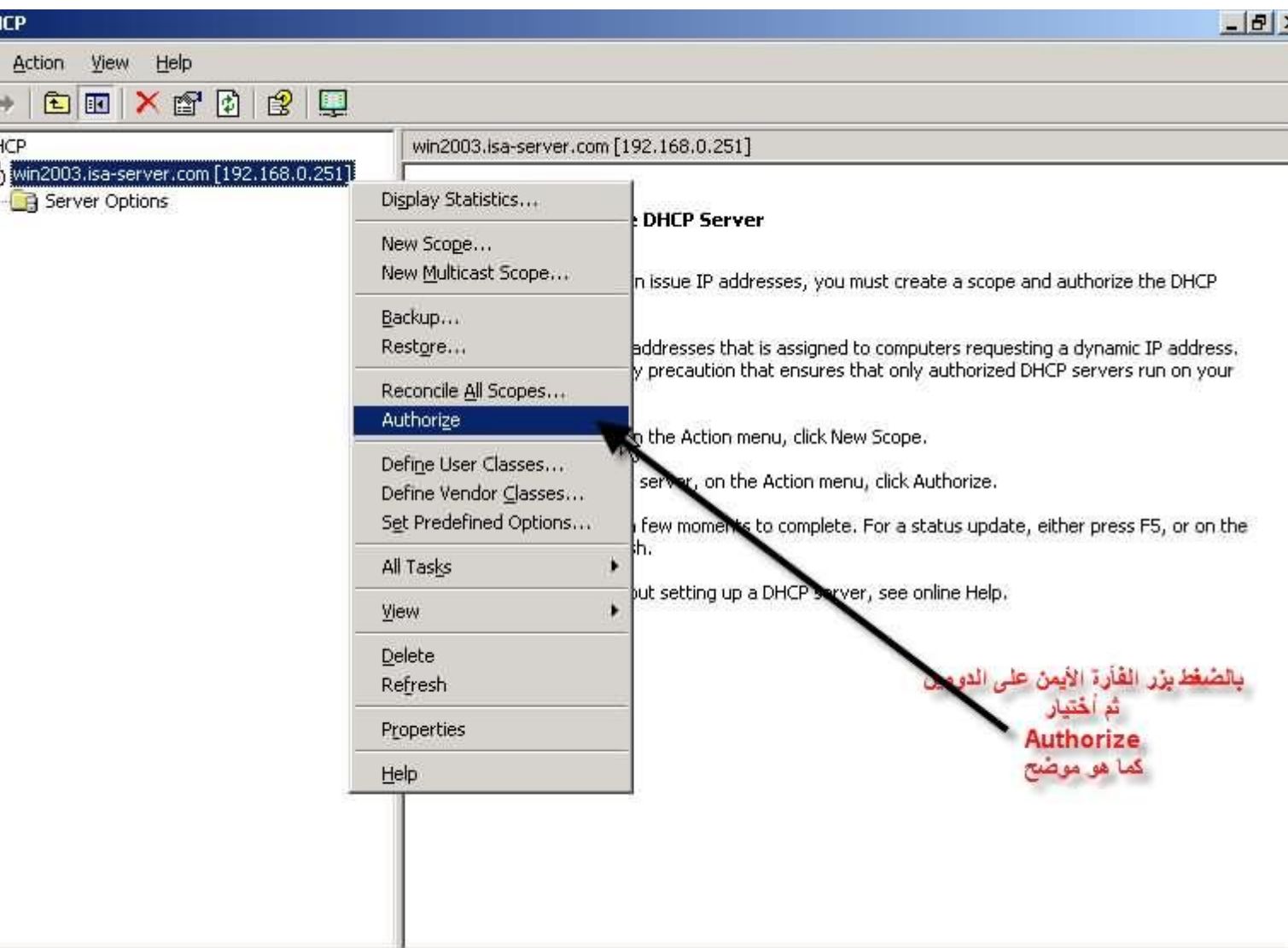


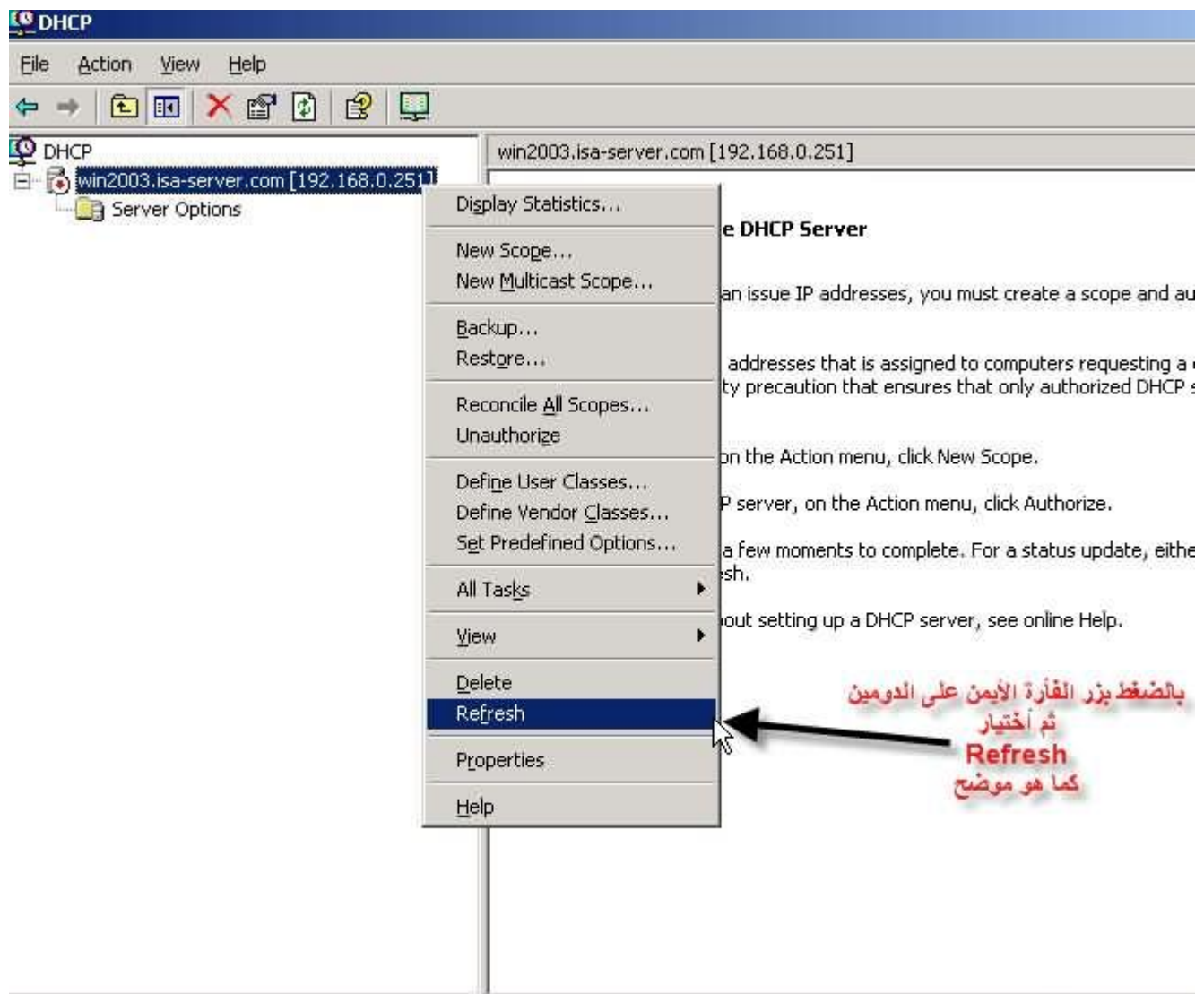


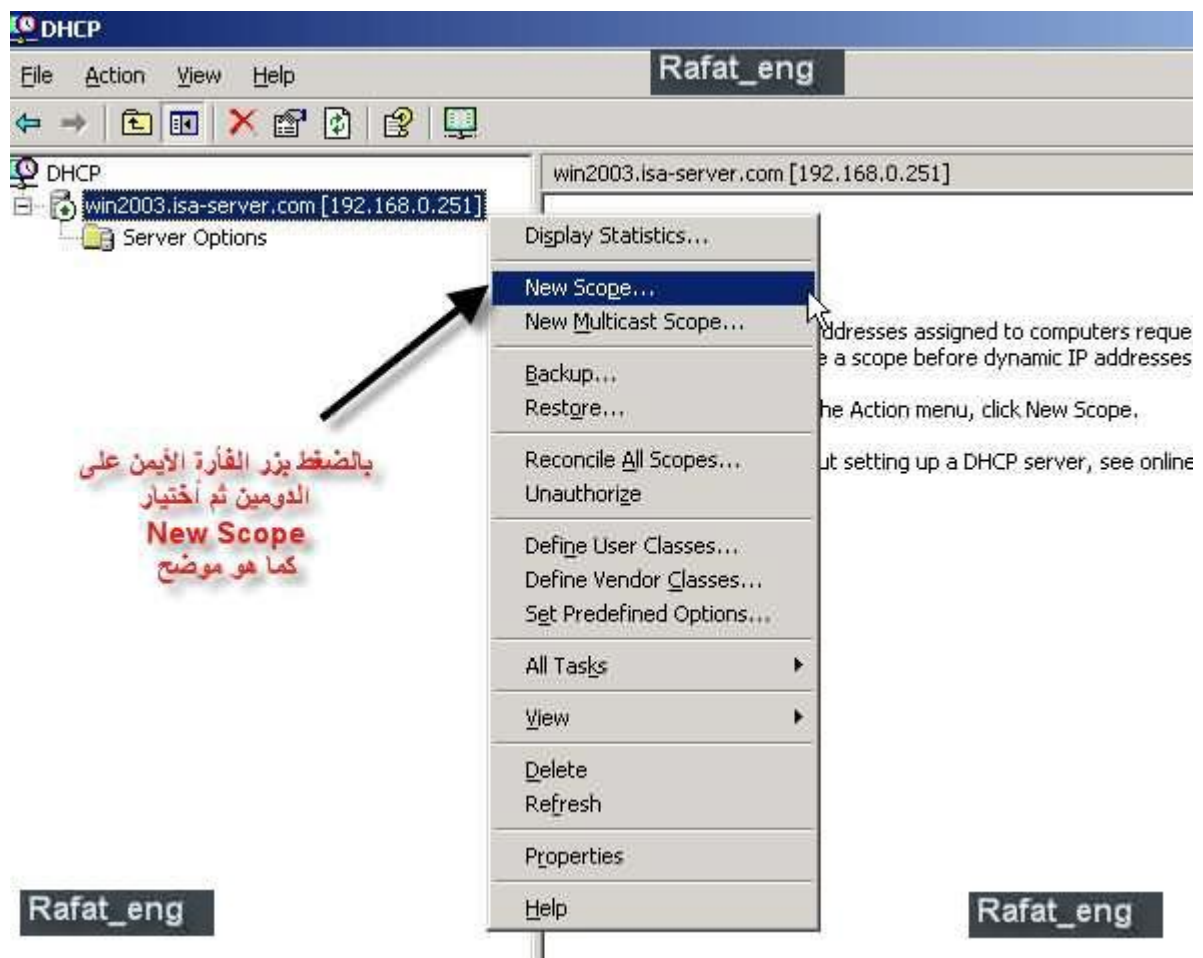
خطأ!



خطأ!







New Scope Wizard **Rafat_eng**

Scope Name
You have to provide an identifying scope name. You also have the option of providing a description.

Type a name and description for this scope. This information helps you quickly identify how the scope is to be used on your network.

Name: ضع الاسم هنا

Description:

ثم التالي

Rafat_eng < Back Next > Cancel

New Scope Wizard **Rafat_eng**

IP Address Range
You define the scope address range by identifying a set of consecutive IP addresses.

Enter the range of addresses that the scope distributes.

Start IP address: هنا نقوم بوضع بداية ونهاية
أرقام الآي بي التي يستطيع
السيرفر توزيعها للأجهزة

End IP address:

A subnet mask defines how many bits of an IP address to use for the network/subnet IDs and how many bits to use for the host ID. You can specify the subnet mask by length or as an IP address.

Length:

Subnet mask: هنا نضع السب نت . يتم وضعه
أتماتيكيًا عند وضع الآي بي

ثم التالي

Rafat_eng < Back Next > Cancel



Add Exclusions

Exclusions are addresses or a range of addresses that are not distributed by the server.

Type the IP address range that you want to exclude. If you want to exclude a single address, type an address in Start IP address only.

Start IP address:

End IP address:

Add

Excluded address range:

Remove

الآتي بدون تغيير.. هذه الشاشة
لوضع أرقام أي بي مستثنى من
الأرقام التي قمنا بتحديدوها في
الصفحة السابقة

Rafat_eng

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Cancel



Lease Duration

The lease duration specifies how long a client can use an IP address from this scope.

Lease durations should typically be equal to the average time the computer is connected to the same physical network. For mobile networks that consist mainly of portable computers or dial-up clients, shorter lease durations can be useful. Likewise, for a stable network that consists mainly of desktop computers at fixed locations, longer lease durations are more appropriate.

Set the duration for scope leases when distributed by this server.

Limited to:

Days:

Hours:

Minutes:

الآتي بدون تغيير.. هذه الشاشة لتحديد
عدد الأيام أو الساعات التي يتم بعدها
تغير أرقام الأي بي في الأجهزة

Rafat_eng

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Cancel

New Scope Wizard

Configure DHCP Options

Rafat_eng

You have to configure the most common DHCP options before clients can use the scope.



When clients obtain an address, they are given DHCP options such as the IP addresses of routers (default gateways), DNS servers, and WINS settings for that scope.

The settings you select here are for this scope and override settings configured in the Server Options folder for this server.

Do you want to configure the DHCP options for this scope now?

- ☒ Yes, I want to configure these options now
- ☐ No, I will configure these options later

أختار الخيار الأول

ثم التالي

Rafat_eng

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Cancel

New Scope Wizard

Router (Default Gateway)

Rafat_eng

You can specify the routers, or default gateways, to be distributed by this scope.



To add an IP address for a router used by clients, enter the address below.

IP address:

192 . 168 . 0 . 236

Add

Remove

Up

Down

هذه الشاشة لتحديد المخرج للأجهزة الداخلية على الإنترنت. في مثالنا حدثنا رقم الـ بي كما هو موضح في الصورة.. ثم الضغط على Add

ثم التالي

Rafat_eng

< Back

Next >

Cancel

New Scope Wizard

Domain Name and DNS Servers

Rafat_eng



The Domain Name System (DNS) maps and translates domain names used by clients on your network.

You can specify the parent domain you want the client computers on your network to use for DNS name resolution.

Parent domain:

To configure scope clients to use DNS servers on your network, enter the IP addresses for those servers.

Server name:

ISA-SERVER.com

IP address:

Add

Resolve

Remove

Up

Down

نقوم بكتابة اسم الدومين
كاملا ثم الضغط على
Resolve

Rafat_eng

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Next >

Cancel

New Scope Wizard

Domain Name and DNS Servers

Rafat_eng



The Domain Name System (DNS) maps and translates domain names used by clients on your network.

You can specify the parent domain you want the client computers on your network to use for DNS name resolution.

Parent domain:

To configure scope clients to use DNS servers on your network, enter the IP addresses for those servers.

Server name:

ISA-SERVER.com

IP address:

192 . 168 . 0 . 251

Add

Resolve

Remove

Up

Down

بعد الضغط على
Resolve
سيظهر رقم الأي بي الخاص
بالجهاز .. اضغط على
Add

ثم التالي

Rafat_eng

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Cancel

New Scope Wizard

WINS Servers

Rafat_eng



Computers running Windows can use WINS servers to convert NetBIOS computer names to IP addresses.

Entering server IP addresses here enables Windows clients to query WINS before they use broadcasts to register and resolve NetBIOS names.

Server name:

IP address:

Add

Resolve

Remove

Up

Down

القالي بدون تغير .. هذه الشاشة تختص
بالأجهزة التي تعمل على نظام أقل من
Win98

To change this behavior for Windows DHCP clients modify option 046, WINS/NBT Node Type, in Scope Options.

Rafat_eng

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Cancel

New Scope Wizard

Activate Scope

Rafat_eng



Clients can obtain address leases only if a scope is activated.

Do you want to activate this scope now?

☒ Yes, I want to activate this scope now

☐ No, I will activate this scope later

أختار الخيار الأول

ثم القالي

Rafat_eng

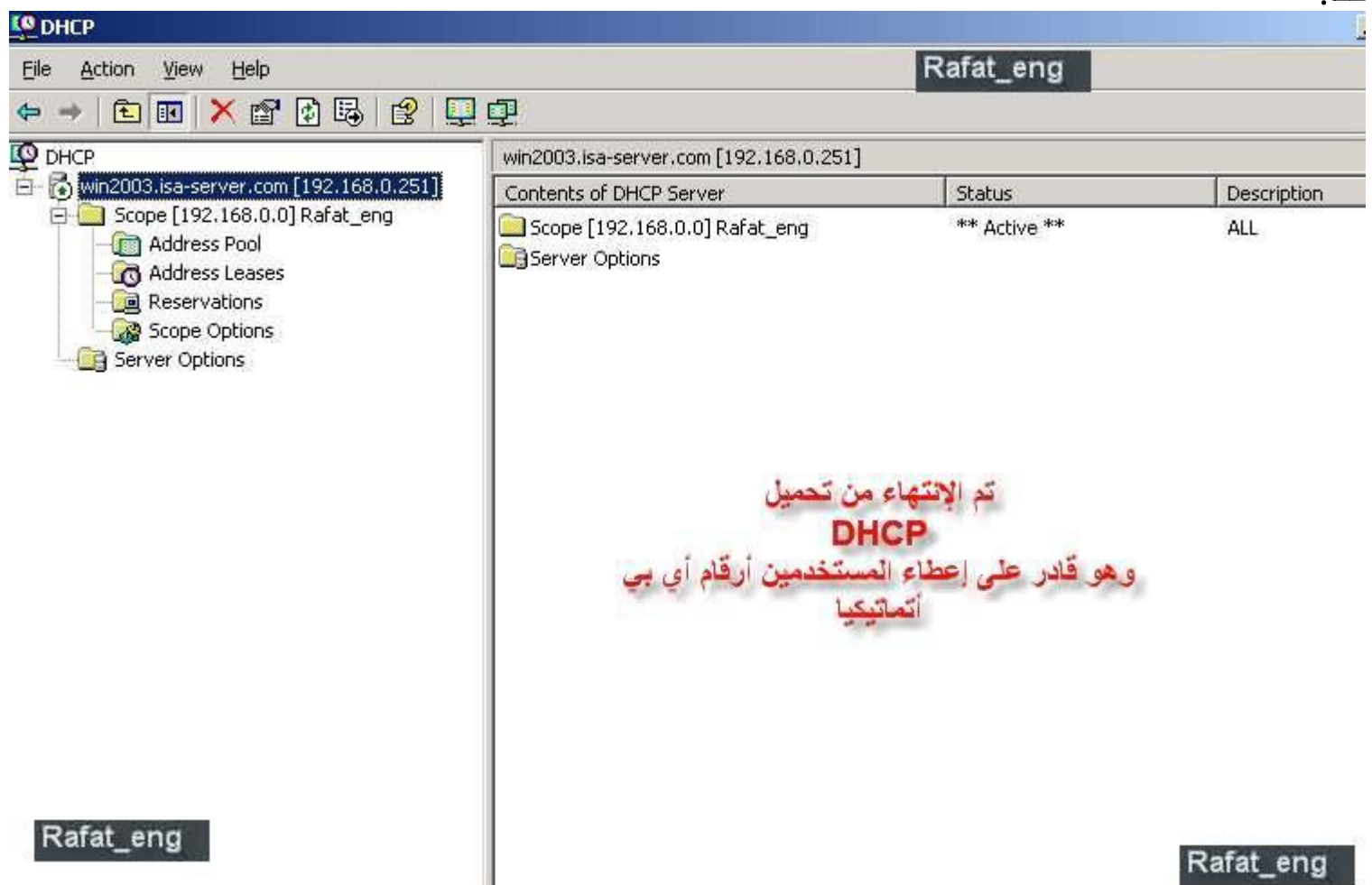
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Cancel



خطأ!



الدرس القادم سيشمل بمشينة الله

- تحميل Win Xp
- عمل الإعدادات اللازمة لشبكة بالسيرفر
- عمل ال-Group Policy وتطبيقها على المستخدمين
- التحكم بخصائص المستخدمين وطرق دخولهم على النظام

