
Microsoft Operating Systems

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Patches Updates

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Antivirus

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Antivirus

Firewall

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:Software Update Service(SUS)

•

Software Update Service (SUS)

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STPP

Virtual Update Server

Update Site

.

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SUS

Domain

Active Directory

Workgroups

SUS

.

:

Active Directory

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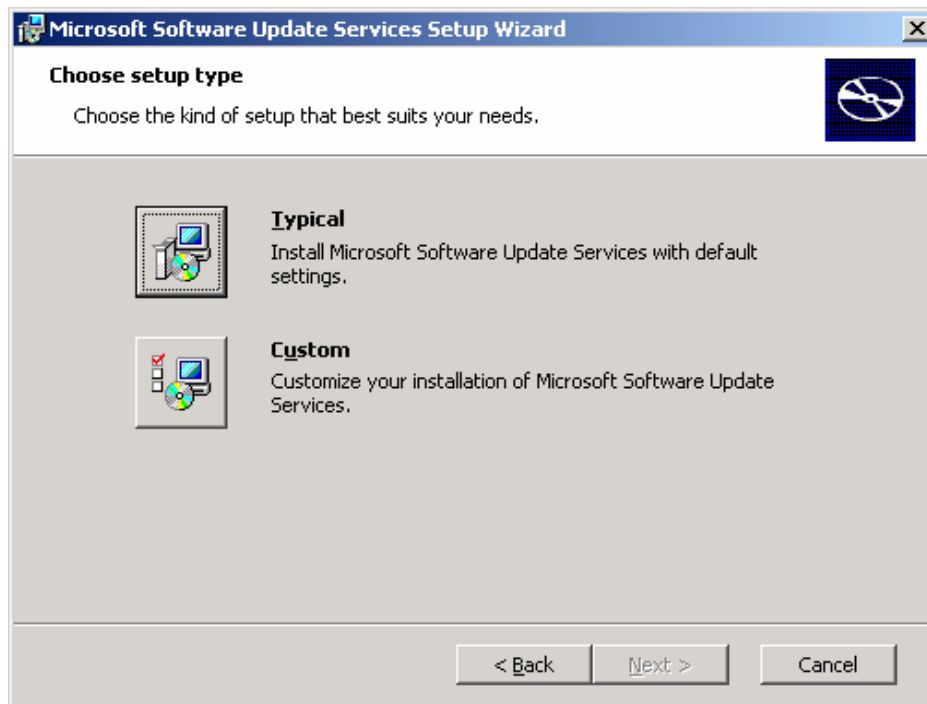
Configuration settings

Domain

Group Policy

	Domain controller	
.		•
	Approve	
.		•
	SUS	
-	Parent SUS Server	
-	Firewall	
	Child SUS Servers	
.		•
	Download	
-		•
	- Updates Catalog	
.		•
	:Software Update Service (SUS)	
:	SUS	
	.SUS Server	
.	Pentium III 700 MHz Processor	-
.	512 MB	-
6 GB	Hard Disk space	-
.		•

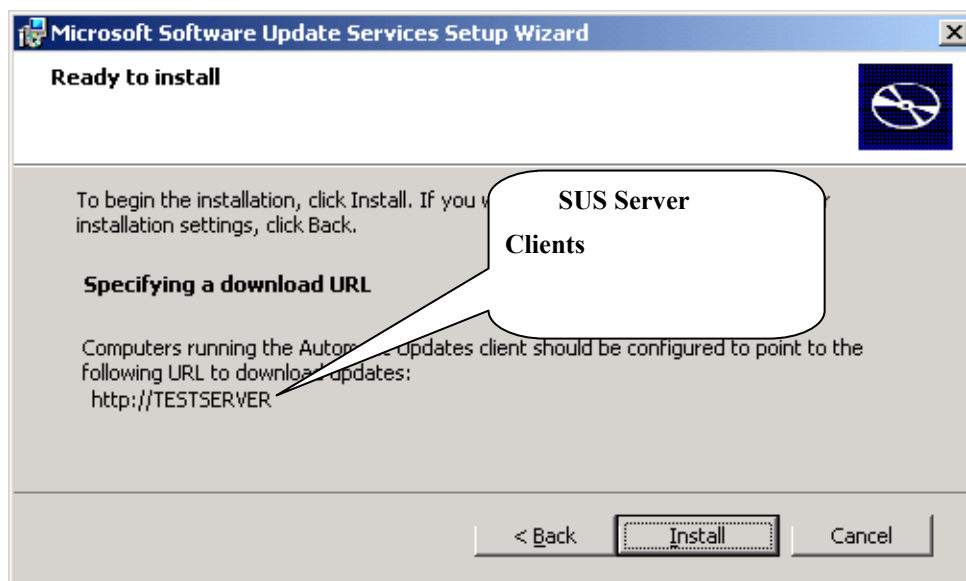
	-	/ :	
Windows 2000 Advanced Server	Windows 2000 Server	-	
.Windows 2003 Server	SP2		
.	Internet Explorer 5.5	-	
	.	IIS 5.0	-
.	15000		
.	.Automatic Updates		•
.	Clients		
	:SUS	Install	
:	Folder		•
	http://www.microsoft.com/downloads/details.aspx?FamilyID=a7aa96e4-6e41-4f54-972c-ae66a4e4bf6c&DisplayLang=en		
			•
	.		
	.Next		•
	.Next		•
	Typical		•
	.		



URL address

.Install

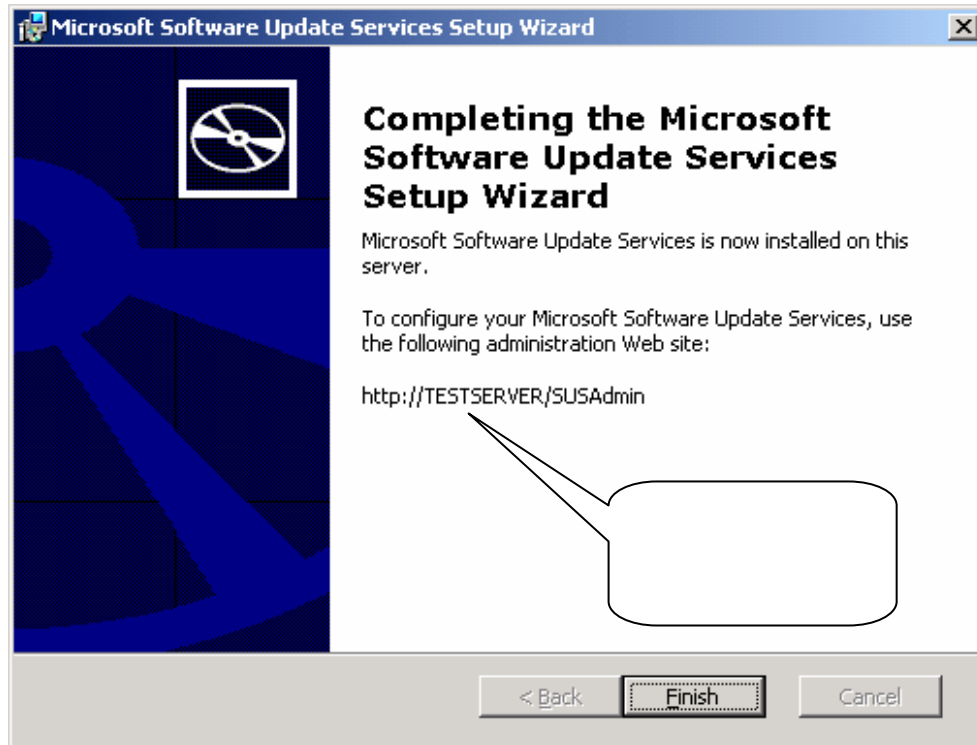
Clients



Configuring

Server name

.SUSAdmin



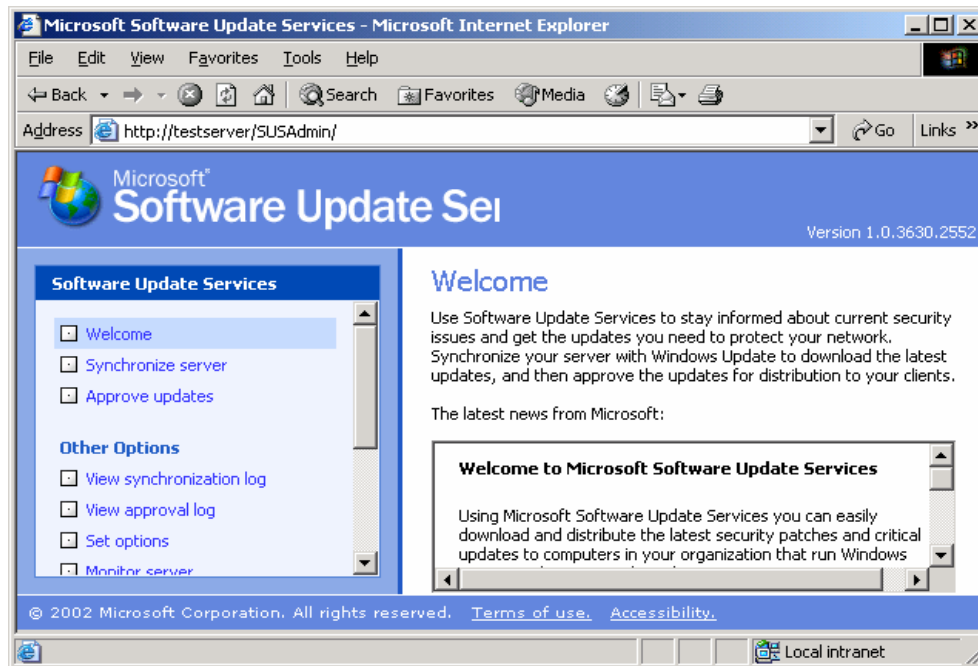
Programs Start

.Microsoft Software Update Services Administrative Tools

Configuring SUS Server

SUS Server

<http://<servername>/SUSAdmin> :



:Set options

Set options

:

.

Select a proxy server configuration:

☐ Do not use a proxy server to access the Internet

☒ Use a proxy server to access the Internet

☒ Automatically detect proxy server settings

☐ Use the following proxy server to access the Internet:

 Address: Port:

☐ Use the following user credentials to access the proxy server:

 User:

 Password:

☐ Allow basic authentication when connecting to proxy server

Specify the name your clients use to locate this update server:

Server name:

Apply

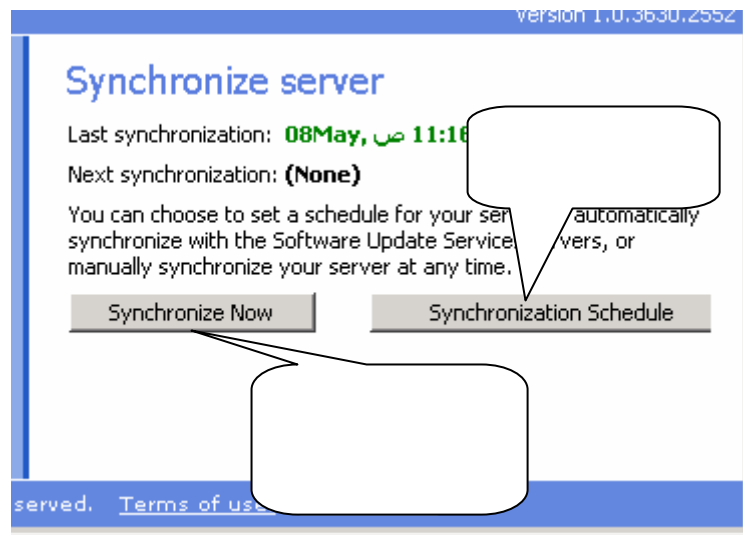
		-	/ :	
	Update Server			•
		-	- Proxy	
		.		
Clients		SUS Server		•
.	Default			
				•
		.		
	New versions			•
	Approve	.		

Automatically approve new versions of previously approved updates

**Do not automatically approve new versions of
approved updates, I will manually approve these updates latter**

Maintain the updates on a Microsoft

Save the updates to a local folder	.Update server	
.SUS Content		
	Locales	•
.		
	<u>:Synchronize server</u>	
Synchronize server		
	.	
.		

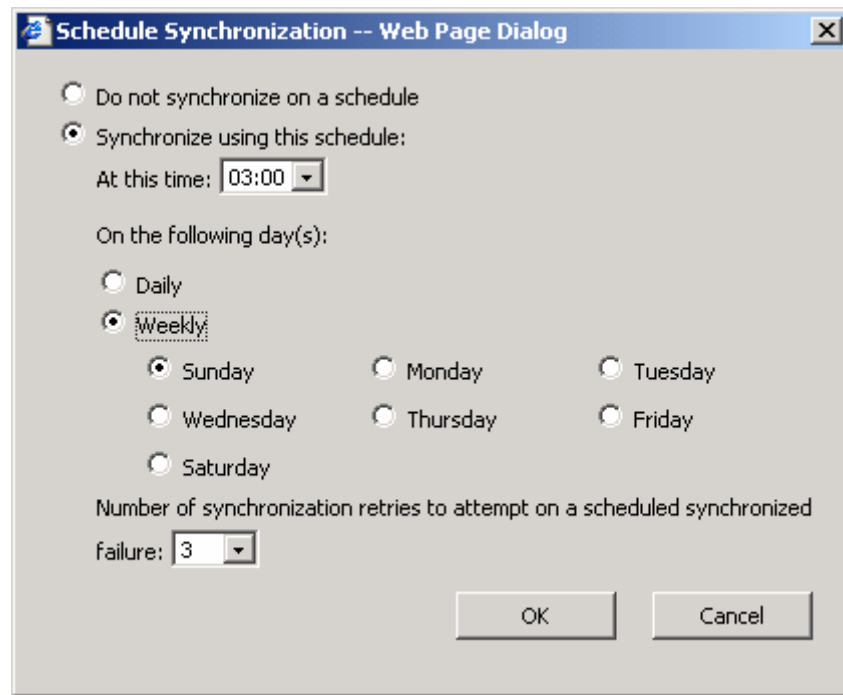


.Synchronization Schedule

Weekly

Daily

traffic load



Synchronize now



Install

.Set options

New updates

Catalog

Download

New versions







Sort by:

Title

Date

Approved

Status

Platform

Details

Date

Locale

Info

File Name

:View synchronization log

View synchronization log

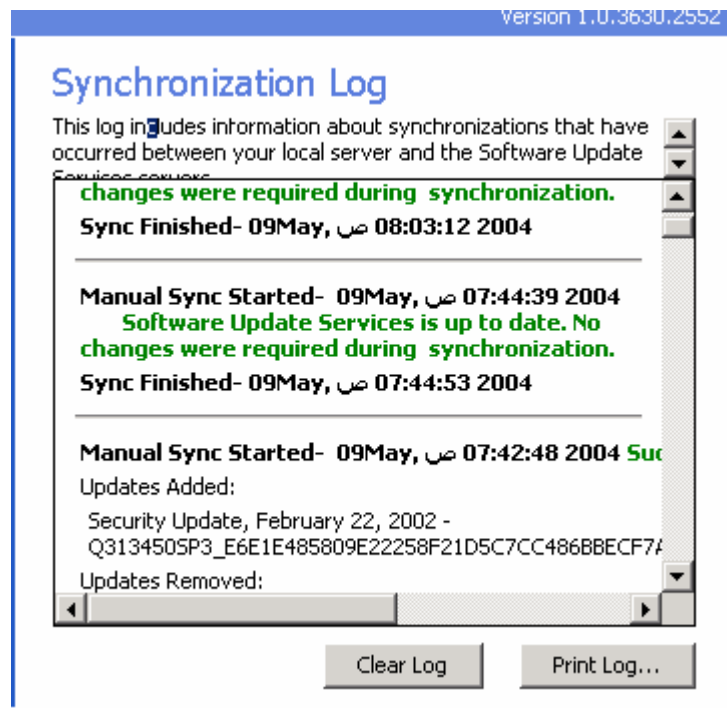
.

.

.Synchronization schedule

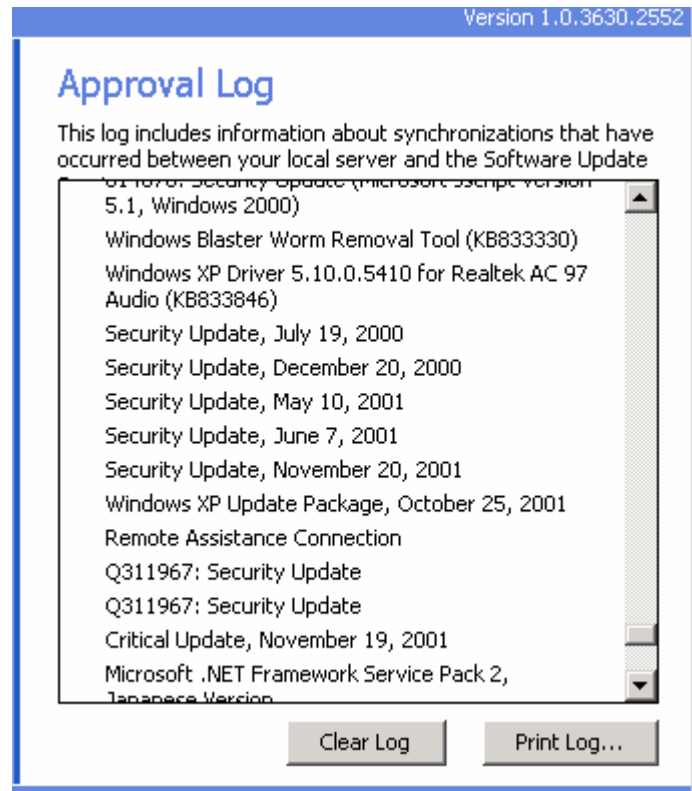
Troubleshooting

.

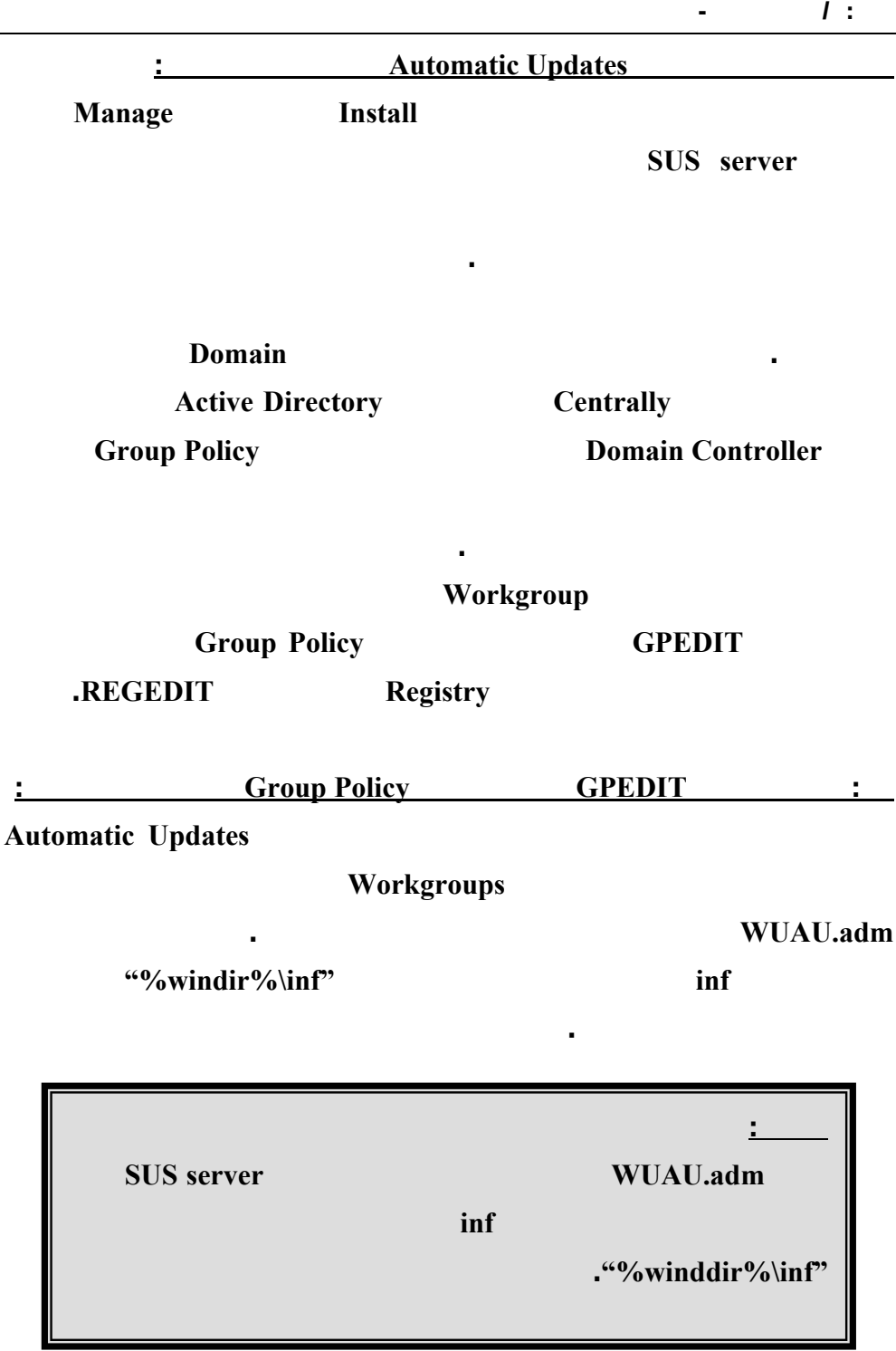


.

View approval log



Clients



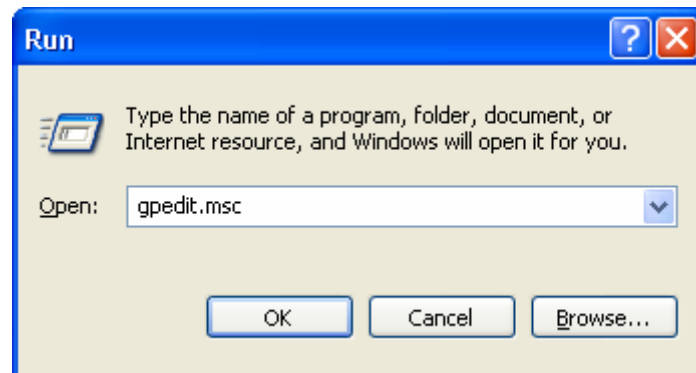
:

GPEDIT

.Run

Start

-



.GPEDIT

gpedit.msc

-

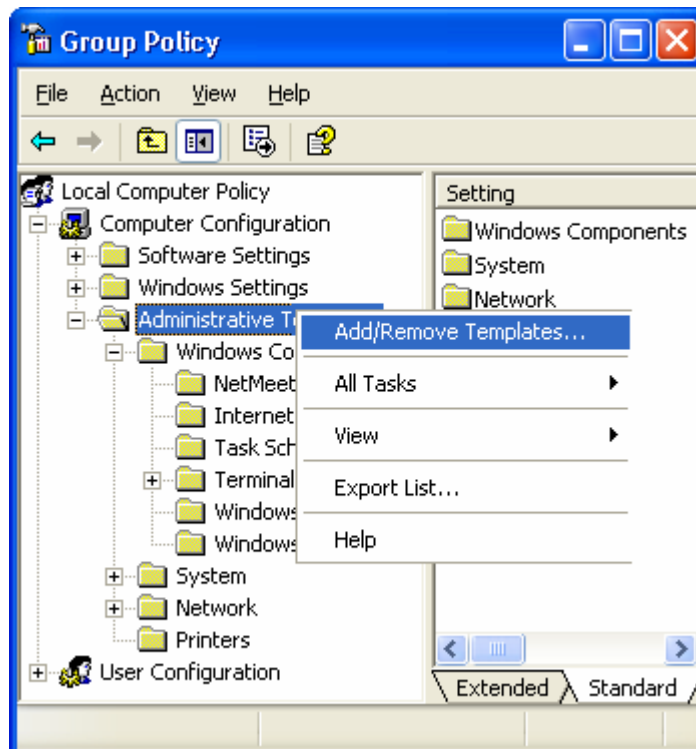
Right-click

Computer Configuration

-

.Add/Remove Templates

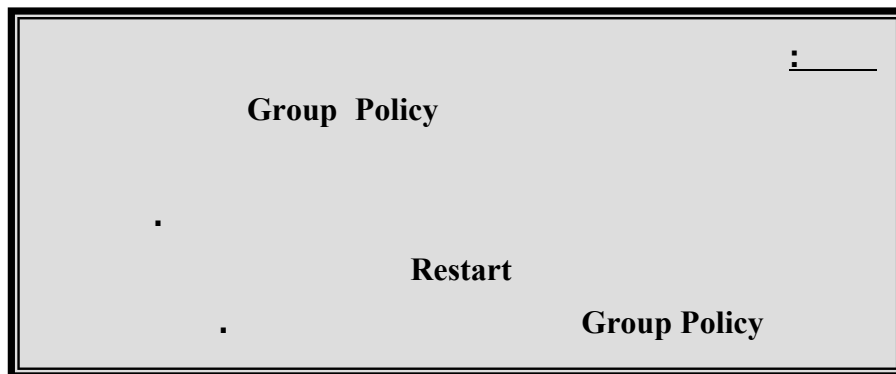
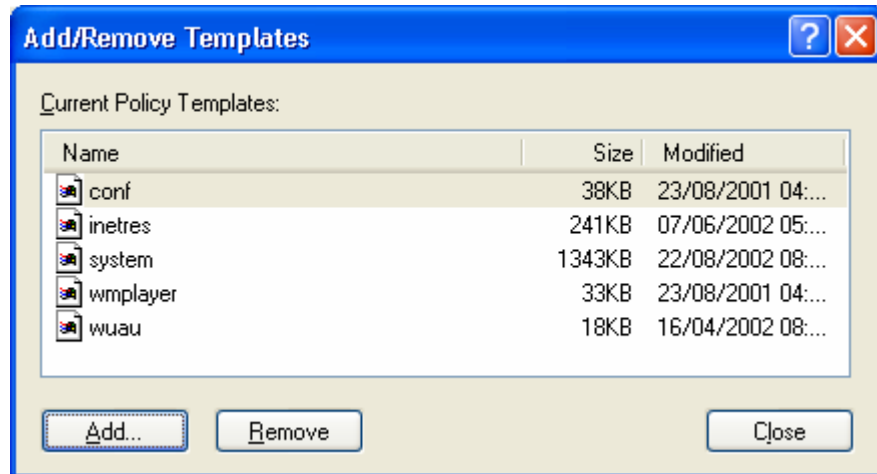
Administrative Templates



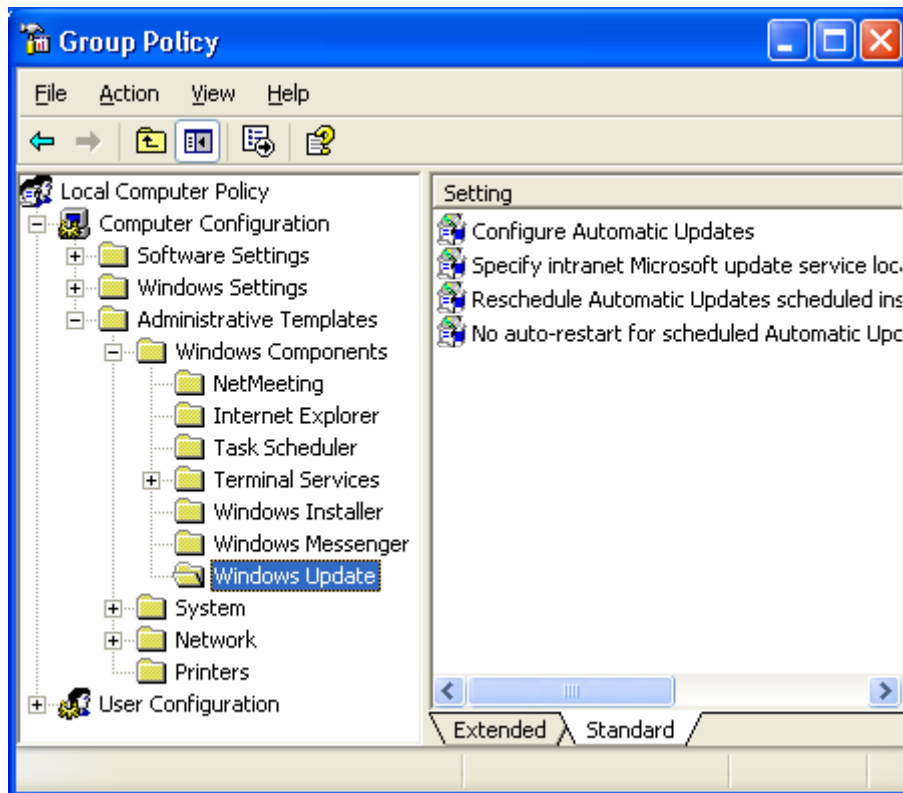
```

      .      Add      -
      WUAU.adm      -
      .Open      inf
WUAU      -
      .Close

```



Windows Components Windows Update



Configure Automatic Updates

Enabled

Configure automatic updating

“2- Notify for download and notify for install” -

Notification

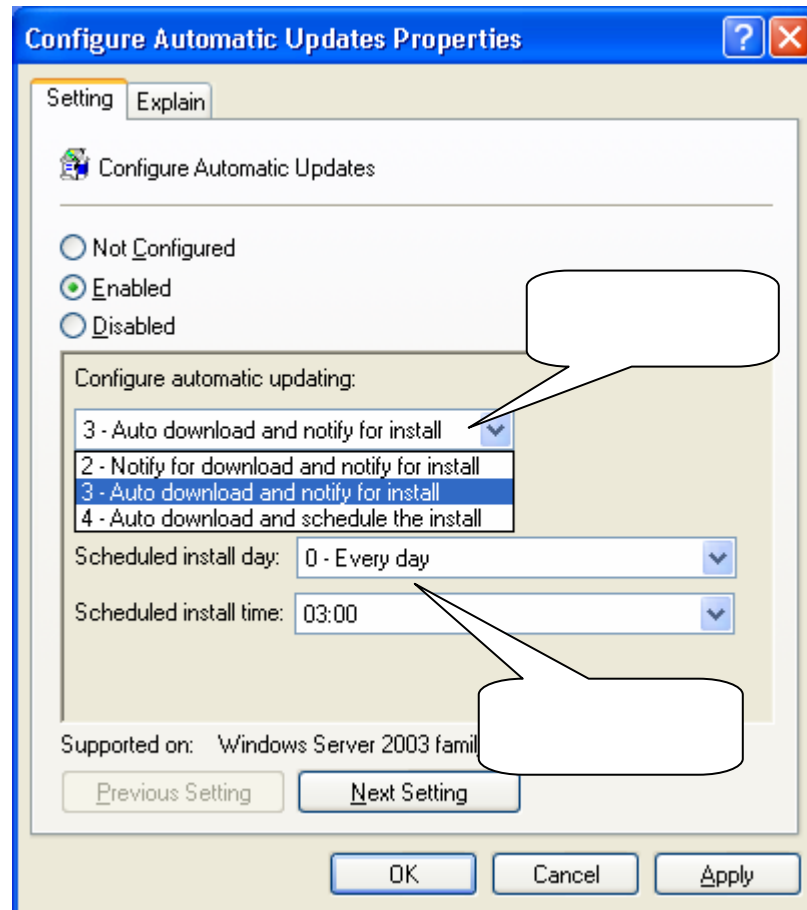
“3- Auto download and notify for install” -

“4- Auto download and schedule the install” -

Schedule install time

Schedule install day

Install



“Specify intranet Microsoft service location” -

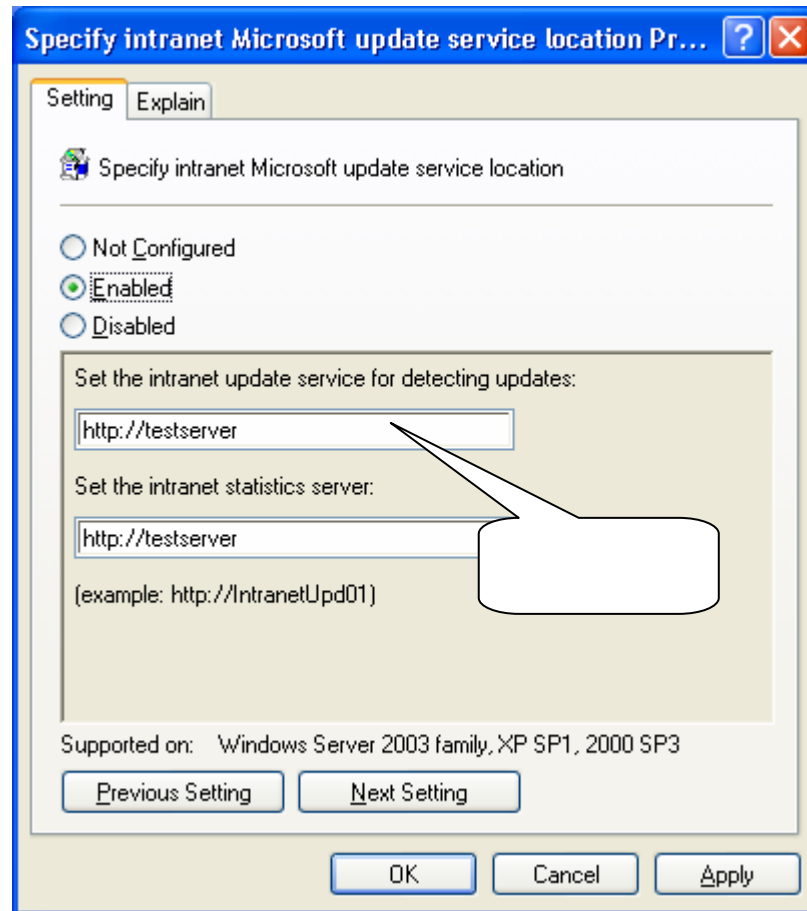
Enabled

SUS server

“Set the intranet update service for detecting updates”

“Set the intranet statistics server”

.



“Reschedule Automatic Updates scheduled installations”

-

.

Install

“4- Auto download and schedule the install”

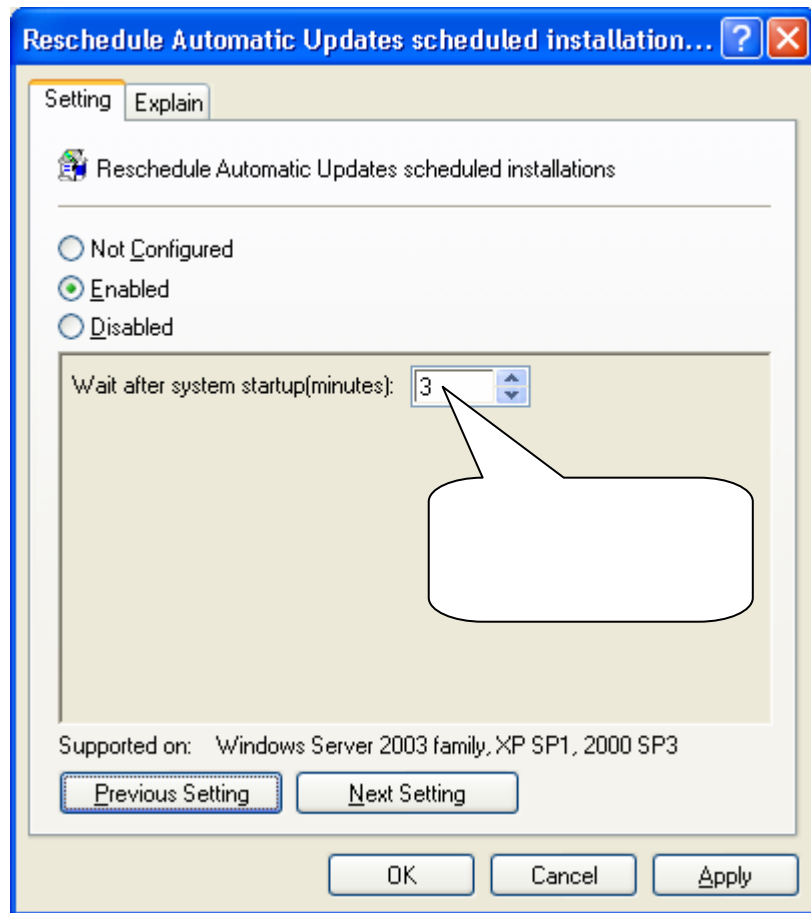
(07:00)

(2- every Monday)

•
“Reschedule Automatic Updates scheduled installations”

“Wait after system startup [minutes]” 1

• 9



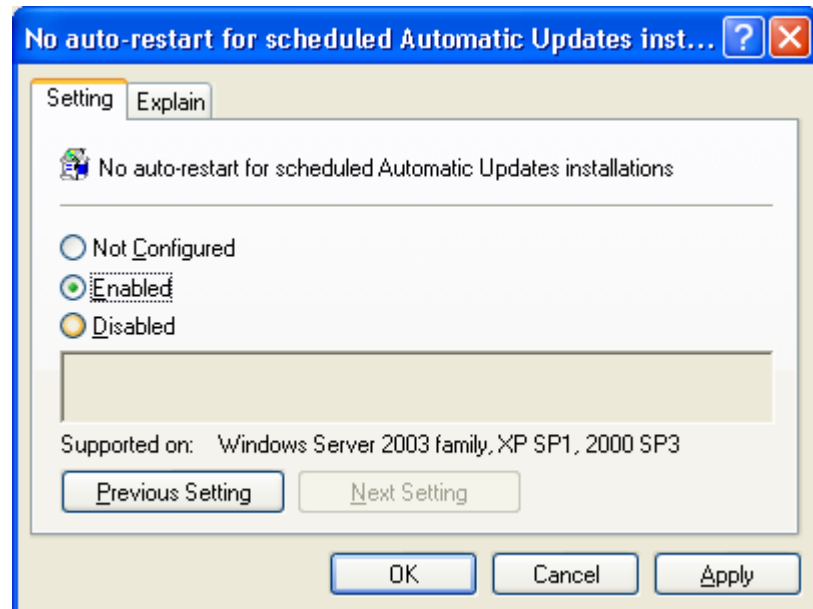
Restart

•
“No auto restart for scheduled Automatic Updates installations”

•
“Disabled” “Not Configured”

Notification

“Enabled”



: **Domain** **Group Policy** :

Workgroups

Group Policy

Domain Controller

:

Domain Controller

-

Run Start "Active Directory Users and Computers"

Administrative Tools

DSA.msc

.Start

Programs

Organizational Unit (OU)

-

Domain Root

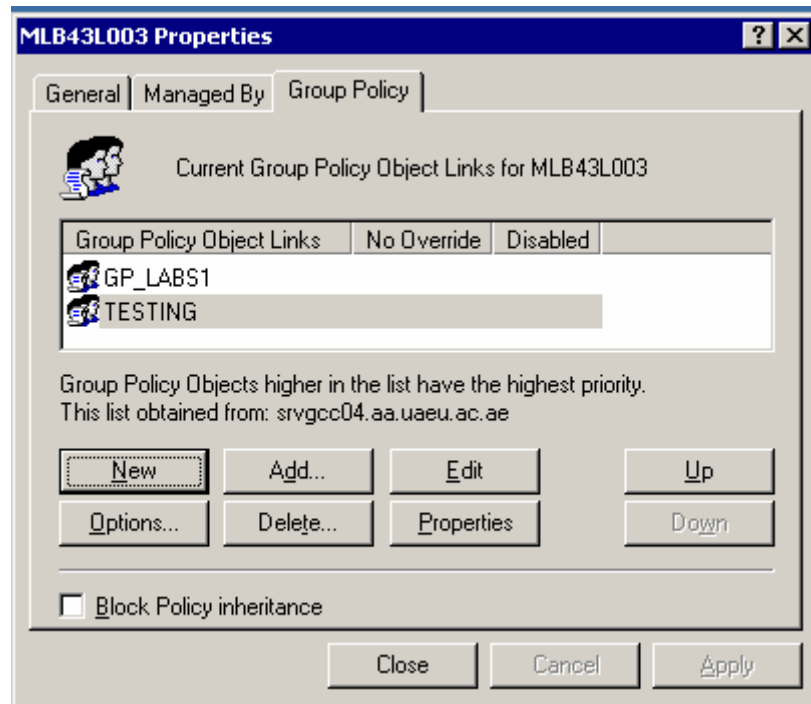
Group Policy

Right click

.Properties

.New

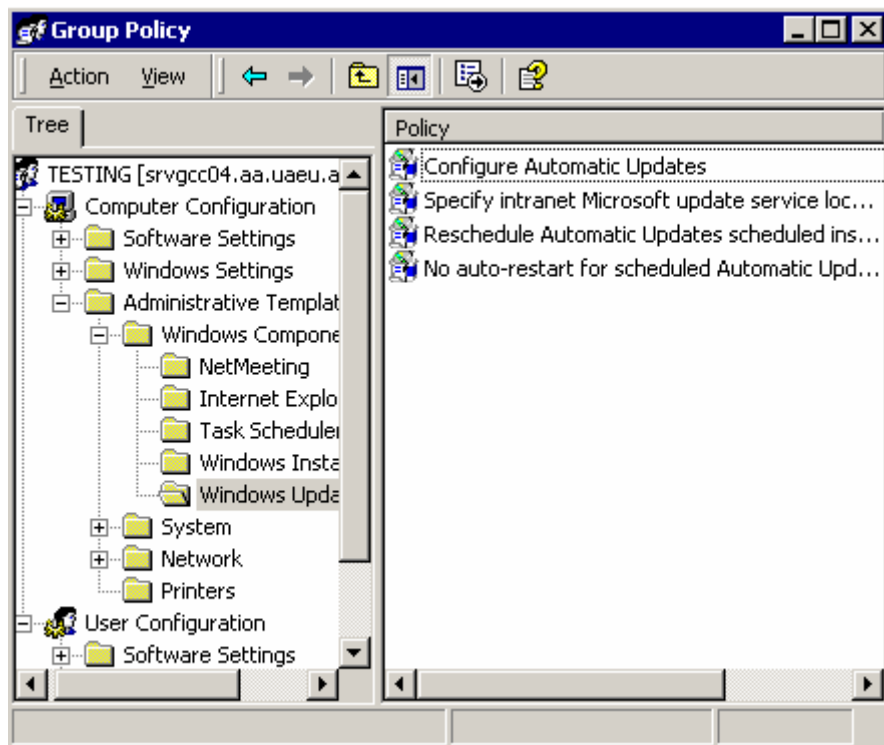
Group Policy tab



Group Policy

GPEDIT

Edit



Group Policy

OU

: **REGEDIT** :

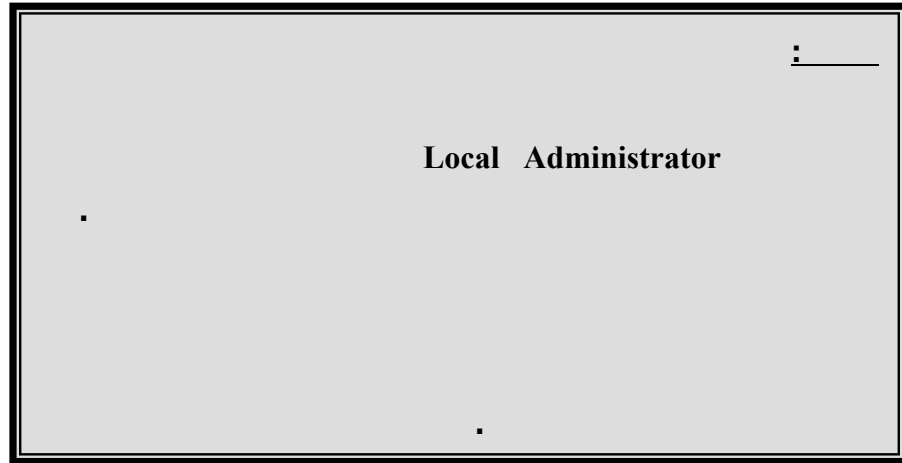
REGEDIT

Group Policy

Registry

GPEDIT

Registry



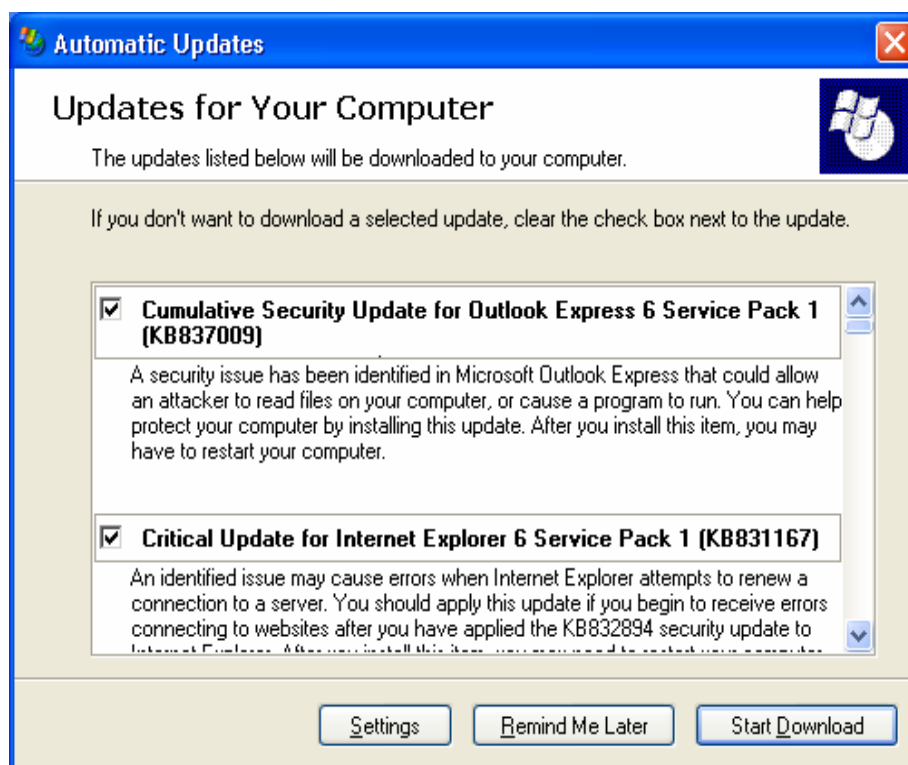
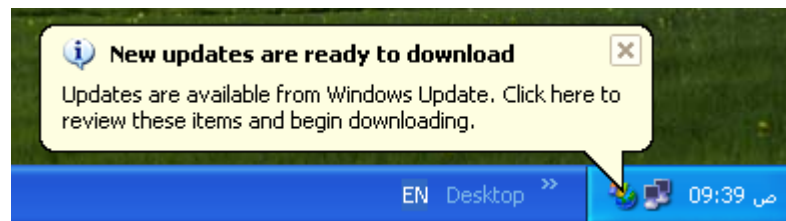
Clients

22



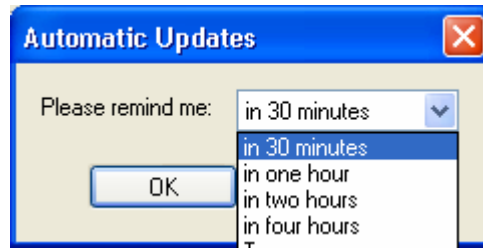
Task Bar

Icon



“Remind Me Latter”

-



“Start Download”

-

-

-

Restart

-

Windows Control Panel

-

Windows My Computer Properties

2000

- XP

: Maximum performance

Configure Install

Clients

SUS server

SUS

SUS server(s)

-

-

:

•

•

Parent SUS server

•

Child SUS servers

•

Parent SUS server

•

Star Topology

•

Configure

Parent SUS server

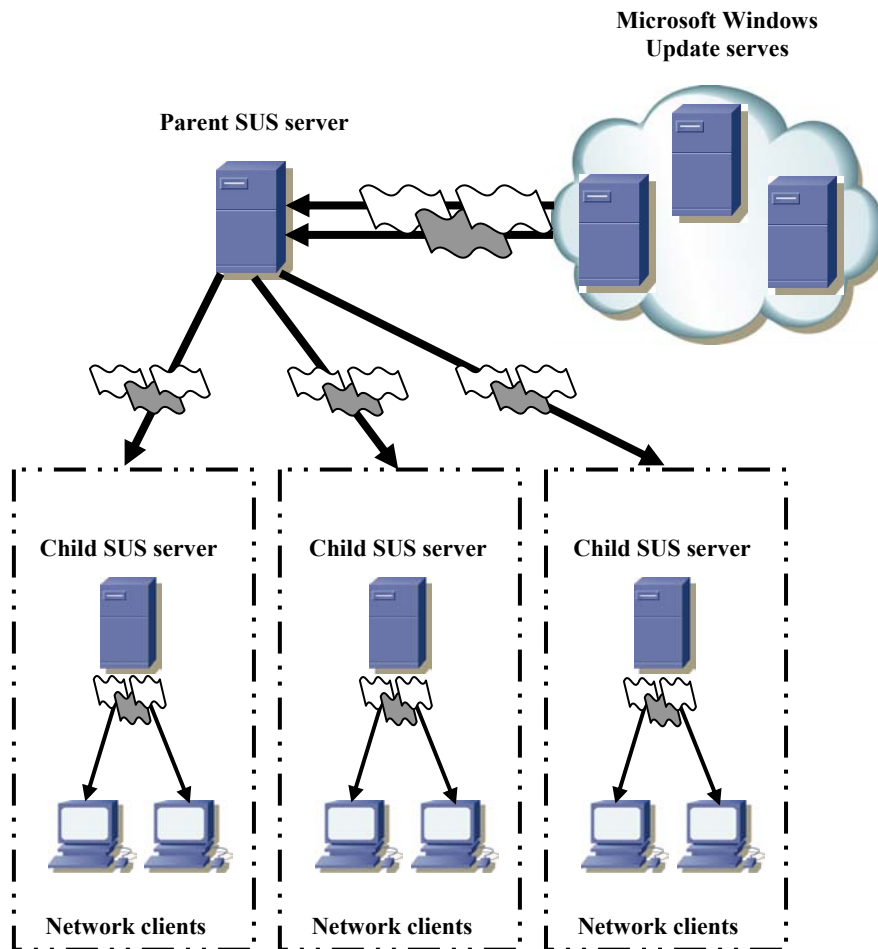
Approve

Locales

Child SUS servers

Approved updates

•



: Child SUS servers Parent SUS server

Parent SUS server

“Save the updates to a local folder”

.

Set options

1

■

■

1

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■

■

updated from this location (replace mode)”

-
-

■

■

A

Check boxes