

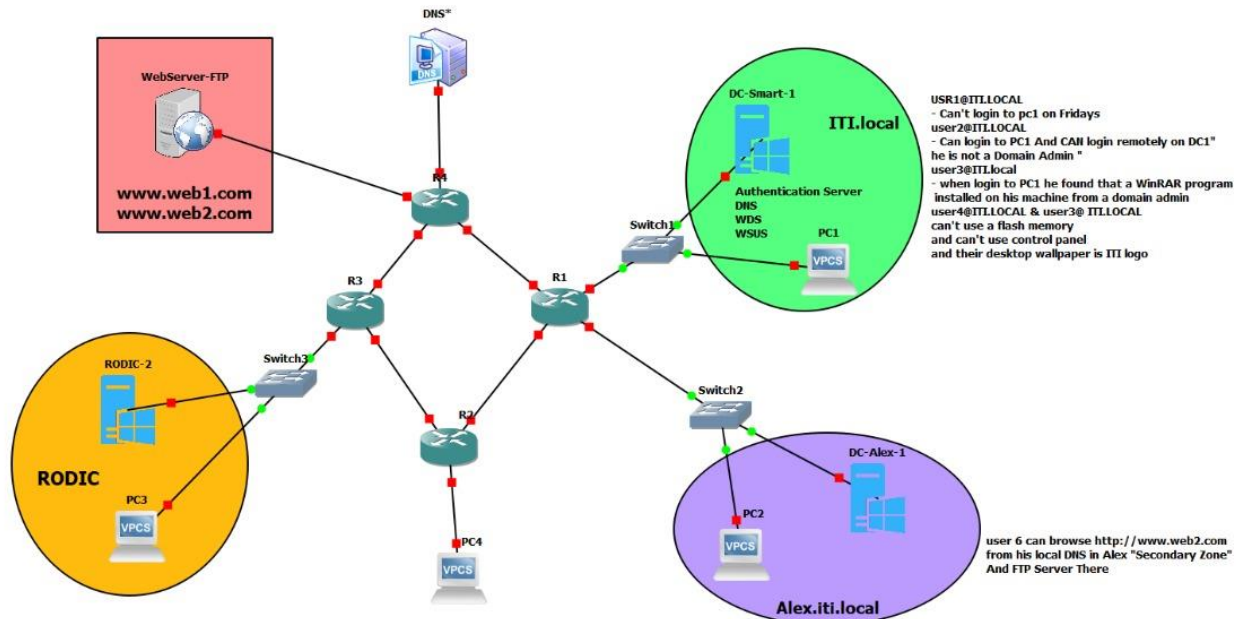


**Supervised by Eng. Peter Kamel**

**Team members:**

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- 2- Mohammed Adel Ali
- 3- Ahmed Mostafa Ahmed Farg
- 4- Abdallah Mohammed Mohammed Sakr

# Topology:



USR1@ITILOCAL  
- Can't login to pc1 on fridays  
user2@ITILOCAL  
- Can login to PC1 And CAN login remotely on DC1\*  
he is not a Domain Admin "  
user3@ITIlocal  
- when login to PC1 he found that a WinRAR program  
installed on his machine from a domain admin  
user4@ITILOCAL & user3@ ITILOCAL  
can't use a flash memory  
and can't use control panel  
and their desktop wallpaper is ITI logo

user 8 can login only RODIC and and can't create any users but can shutdown the RODIC  
while user9 can login to pc3 and can replicate his password to the RODIC

user 7 on pc4 can access remotely the webserver with an administrative privileges and  
can create and delete users on HR Department in Alex.itl.com

user 7 can browse <http://www.web1.com> from pc4 authoritatively from DNS\*

user 6 can browse <http://www.web2.com>  
from his local DNS in Alex "Secondary Zone"  
And FTP Server There

## 1. PDC-Smart-1:

The screenshot displays the Windows Server Manager interface for a server named DC-Smart-1. The left-hand navigation pane includes links to the Dashboard, Local Server, All Servers, AD DS, DNS, and File and Storage Services. The main area is titled 'PROPERTIES For DC-Smart-1' and contains a table of system details. Below this, an 'EVENTS' section shows 'All events | 22 total' with a filter input and icons for error, warning, and information.

PROPERTIES For DC-Smart-1	
Computer name	DC-Smart-1
Domain	ITJ.local
Last installed updates	Never
Windows Update	Download updates only, using Windows Update
Last checked for updates	Never
Microsoft Defender Firewall	Domains: On
Remote management	Enabled
Remote Desktop	Enabled
NIC Teaming	Disabled
Ethernet0	192.168.1.2
Microsoft Defender Antivirus	Real-Time Protection: On
Feedback & Diagnostics	Settings
IE Enhanced Security Configuration	On
Time zone	(UTC+02:00) Cairo
Product ID	00455-S0000-00001-AA479 (activated)
Operating system version	Microsoft Windows Server 2022 Datacenter Evaluation
Hardware information	VMware, Inc. VMware20,1
Processors	Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz, Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz
Installed memory (RAM)	4 GB
Total disk space	59.37 GB

EVENTS  
All events | 22 total

## 2. DC-Alex-1 (Child):

The screenshot shows the Windows Server Manager interface for a child server named DC-Alex-1. The left-hand navigation pane includes links to the Dashboard, Local Server, and All Servers. The main area is titled 'PROPERTIES For DC-Alex-1' and contains a table of system details. Below this, an 'EVENTS' section shows 'All events | 0 total' with a filter input and icons for error, warning, and information.

PROPERTIES For DC-Alex-1	
Computer name	DC-Alex-1
Domain	Alex.ITJ.local
Last installed updates	Never
Windows Update	Download updates only, using Windows Update
Last checked for updates	Never
Microsoft Defender Firewall	Public: Off
Remote management	Enabled
Remote Desktop	Enabled
NIC Teaming	Disabled
Ethernet0	192.168.1.3
Microsoft Defender Antivirus	Real-Time Protection: On
Feedback & Diagnostics	Settings
IE Enhanced Security Configuration	On
Time zone	(UTC+02:00) Cairo
Product ID	00455-S0000-00001-AA883 (activated)
Operating system version	Microsoft Windows Server 2022 Datacenter Evaluation
Hardware information	VMware, Inc. VMware20,1
Processors	Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz
Installed memory (RAM)	3.03 GB
Total disk space	59.37 GB

EVENTS  
All events | 0 total

### 3. Webserver-FTP:

The screenshot shows the Server Manager interface for a local server named 'WebServer-FTP'. The left sidebar lists various server roles: Dashboard, Local Server (selected), All Servers, AD DS, DNS, File and Storage Services, and IIS. The main pane displays the 'PROPERTIES' for 'WebServer-FTP'. The properties are organized into two columns. The first column includes: Computer name (WebServer-FTP), Domain (WebServer-FTP.IT.local), Microsoft Defender Firewall (Public: Off), Remote management (Enabled), Remote Desktop (Enabled), NIC Teaming (Disabled), Ethernet0 (192.168.1.5), Ethernet1 (192.168.1.6), Operating system version (Microsoft Windows Server 2022 Datacenter Evaluation), and Hardware information (VMware, Inc. VMware20,1). The second column includes: Last installed updates (Never), Windows Update (Download updates only, using Windows Update), Last checked for updates (Never), Microsoft Defender Antivirus (Real-Time Protection: On, Settings), Feedback & Diagnostics (On), IE Enhanced Security Configuration (On), Time zone (UTC+02:00) Cairo, Product ID (00455-50000-00001-AA765 (activated)), Processors (Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz), Installed memory (RAM) (2 GB), and Total disk space (59.37 GB). Below the properties is an 'EVENTS' section showing 'All events | 114 total'. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the time 7:03 PM on 1/4/2025.

PROPERTIES For WebServer-FTP	
Computer name	WebServer-FTP
Domain	WebServer-FTP.IT.local
Microsoft Defender Firewall	Public: Off
Remote management	Enabled
Remote Desktop	Enabled
NIC Teaming	Disabled
Ethernet0	192.168.1.5
Ethernet1	192.168.1.6
Operating system version	Microsoft Windows Server 2022 Datacenter Evaluation
Hardware information	VMware, Inc. VMware20,1
Last installed updates	Never
Windows Update	Download updates only, using Windows Update
Last checked for updates	Never
Microsoft Defender Antivirus	Real-Time Protection: On Settings
Feedback & Diagnostics	On
IE Enhanced Security Configuration	On
Time zone	(UTC+02:00) Cairo
Product ID	00455-50000-00001-AA765 (activated)
Processors	Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz
Installed memory (RAM)	2 GB
Total disk space	59.37 GB

EVENTS  
All events | 114 total

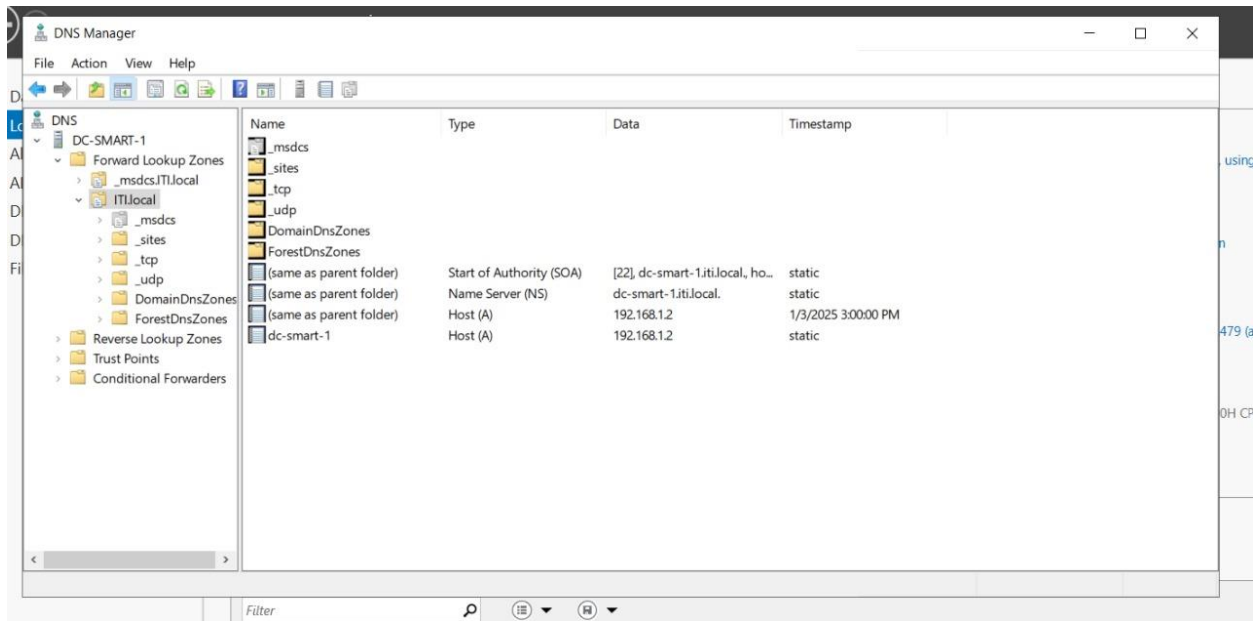
### 4. RODIC-2:

The screenshot shows the Server Manager interface for a local server named 'RODIC-2'. The left sidebar lists various server roles: Dashboard, Local Server (selected), All Servers, AD DS, DNS, File and Storage Services, and IIS. The main pane displays the 'PROPERTIES' for 'RODIC-2'. The properties are organized into two columns. The first column includes: Computer name (RODIC-2), Domain (IT.local), Microsoft Defender Firewall (Public: Off), Remote management (Enabled), Remote Desktop (Enabled), NIC Teaming (Disabled), Ethernet0 (192.168.1.4), Operating system version (Microsoft Windows Server 2022 Datacenter Evaluation), and Hardware information (VMware, Inc. VMware20,1). The second column includes: Last installed updates (Never), Windows Update (Download updates only, using Windows Update), Last checked for updates (Never), Microsoft Defender Antivirus (Real-Time Protection: On, Settings), Feedback & Diagnostics (On), IE Enhanced Security Configuration (On), Time zone (UTC+02:00) Cairo, Product ID (00455-50000-00001-AA297 (activated)), Processors (Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz, Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz), Installed memory (RAM) (8 GB), and Total disk space (59.37 GB). Below the properties is an 'EVENTS' section showing 'All events | 0 total'. The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray with the time 7:15 PM on 1/4/2025.

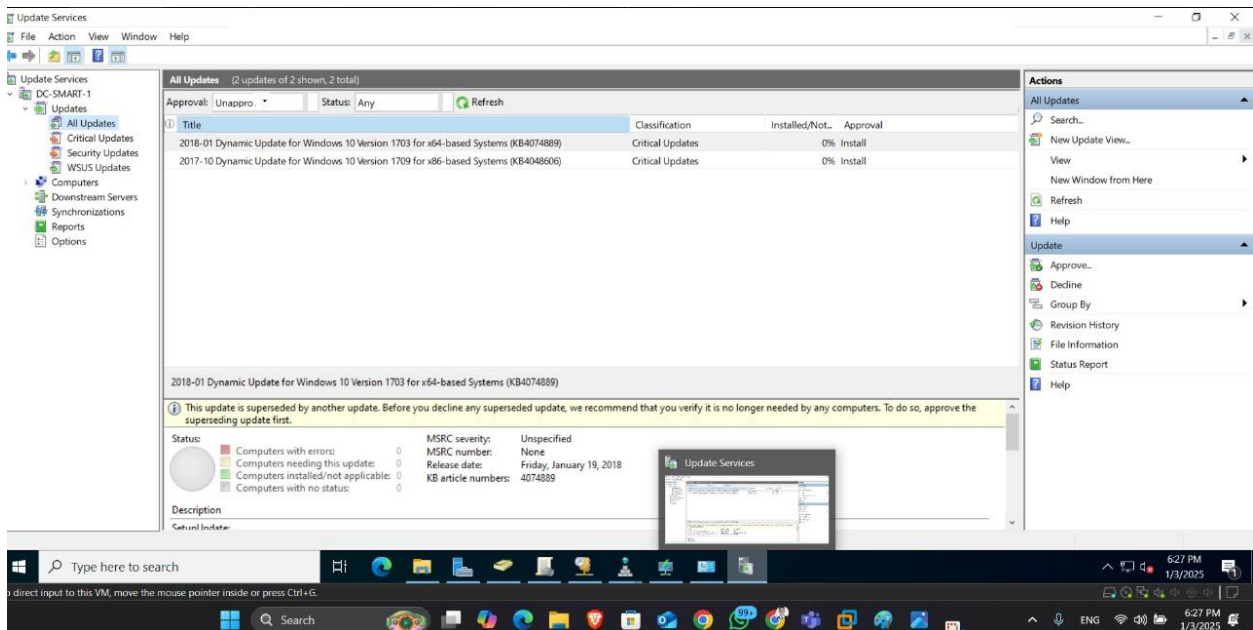
PROPERTIES For RODIC-2	
Computer name	RODIC-2
Domain	IT.local
Microsoft Defender Firewall	Public: Off
Remote management	Enabled
Remote Desktop	Enabled
NIC Teaming	Disabled
Ethernet0	192.168.1.4
Operating system version	Microsoft Windows Server 2022 Datacenter Evaluation
Hardware information	VMware, Inc. VMware20,1
Last installed updates	Never
Windows Update	Download updates only, using Windows Update
Last checked for updates	Never
Microsoft Defender Antivirus	Real-Time Protection: On Settings
Feedback & Diagnostics	On
IE Enhanced Security Configuration	On
Time zone	(UTC+02:00) Cairo
Product ID	00455-50000-00001-AA297 (activated)
Processors	Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz, Intel(R) Core(TM) i5-9300H CPU @ 2.40GHz
Installed memory (RAM)	8 GB
Total disk space	59.37 GB

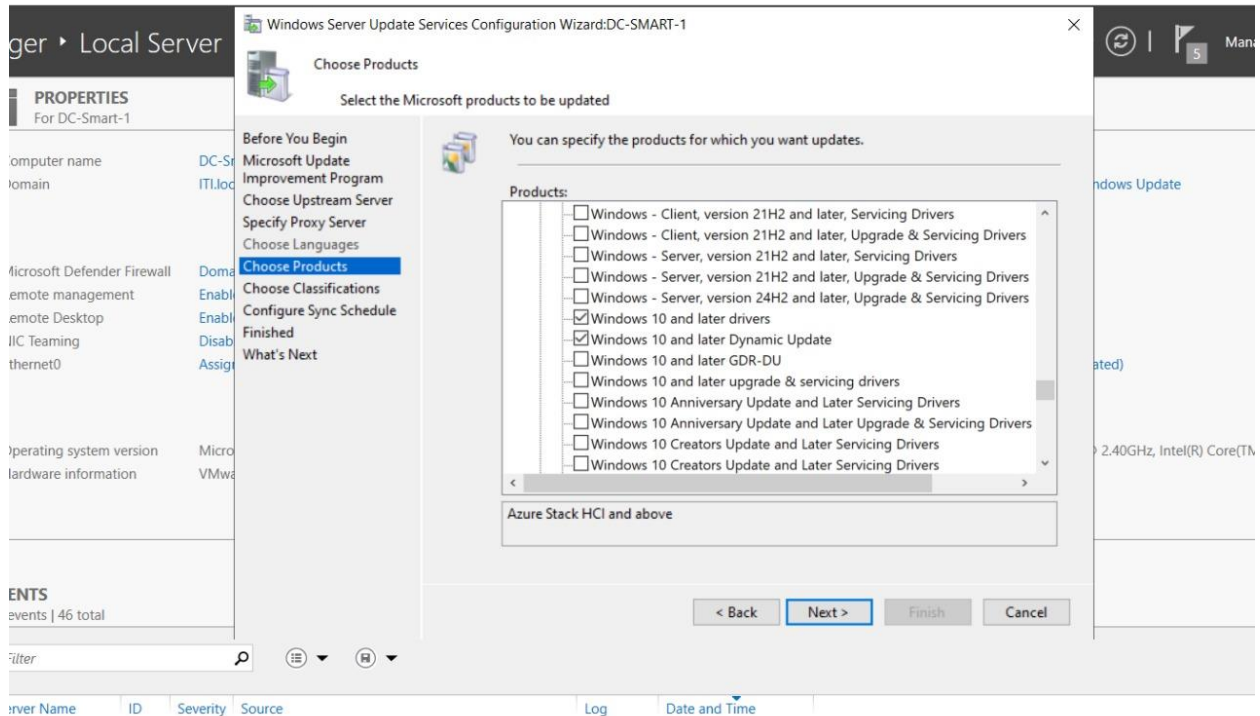
EVENTS  
All events | 0 total

## 5. DNS:

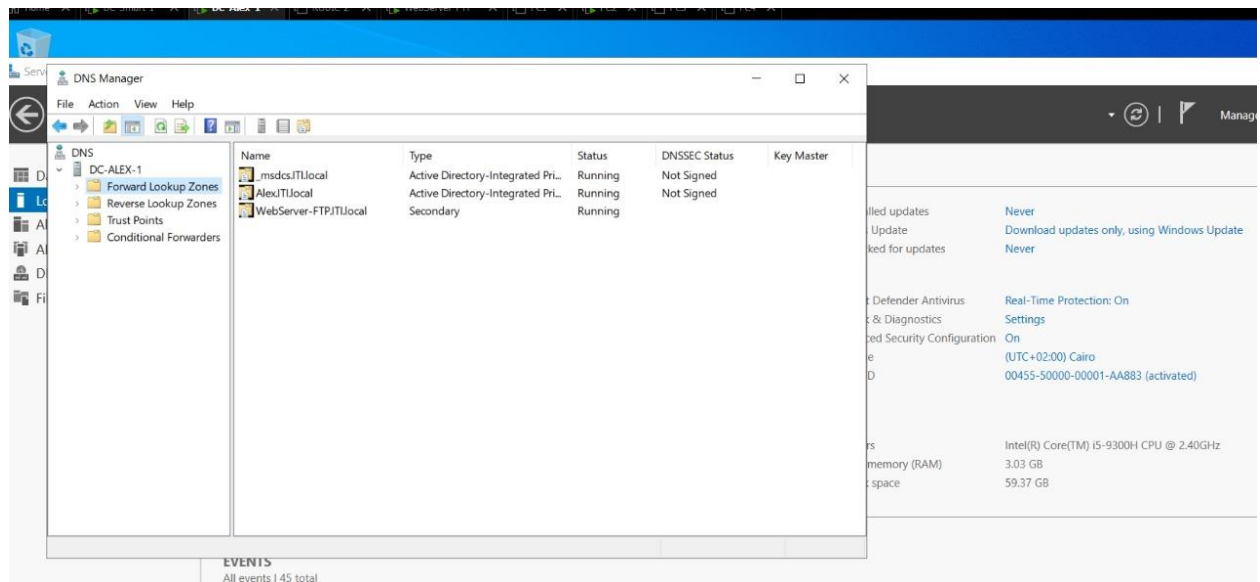


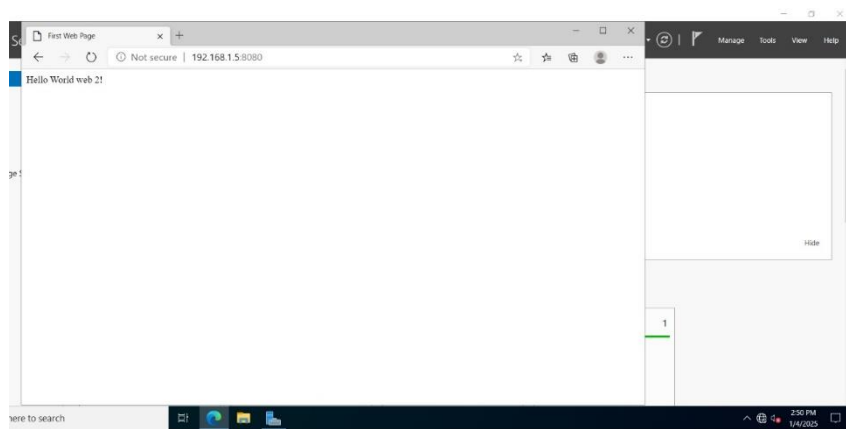
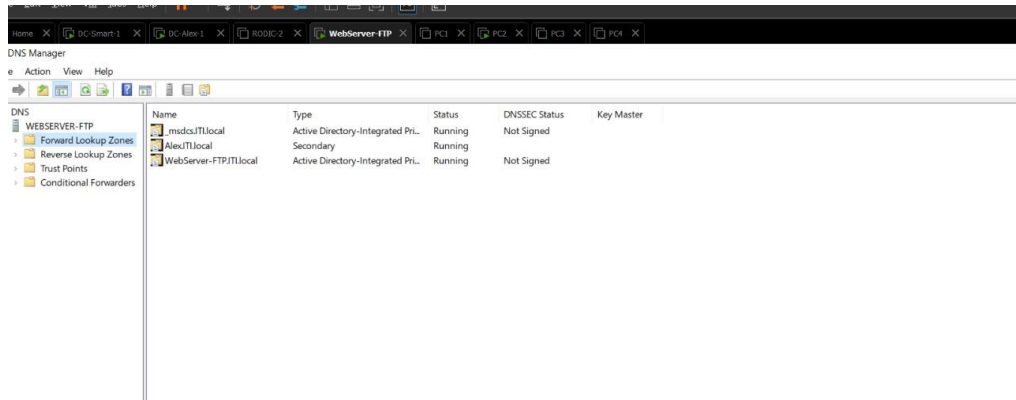
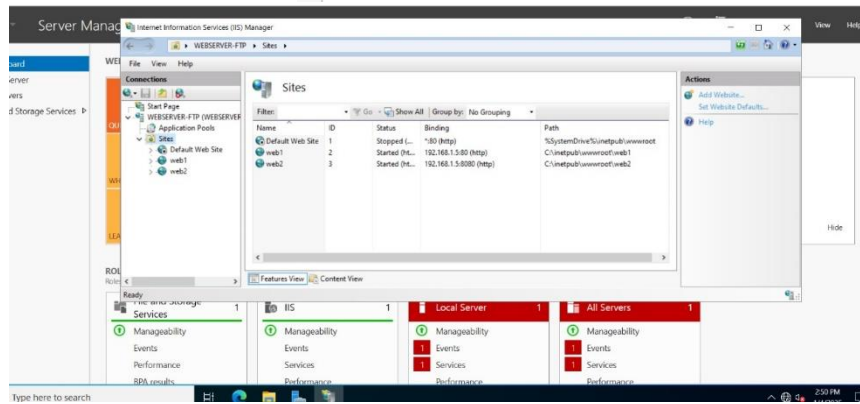
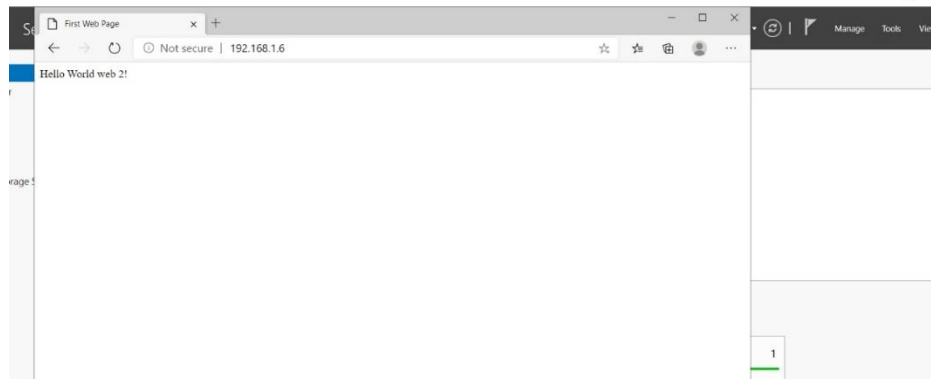
## 6. WSUS:





## 7. Web Server (IIS):





## 8. Create User And delegation:

The screenshot illustrates the process of creating a user and delegating control in Windows Server 2008 R2. It consists of four main windows:

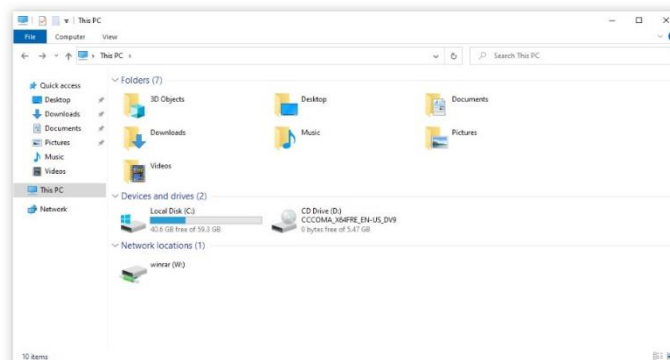
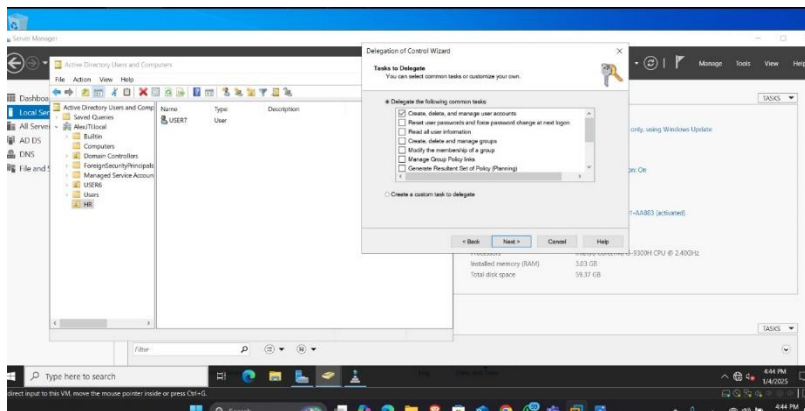
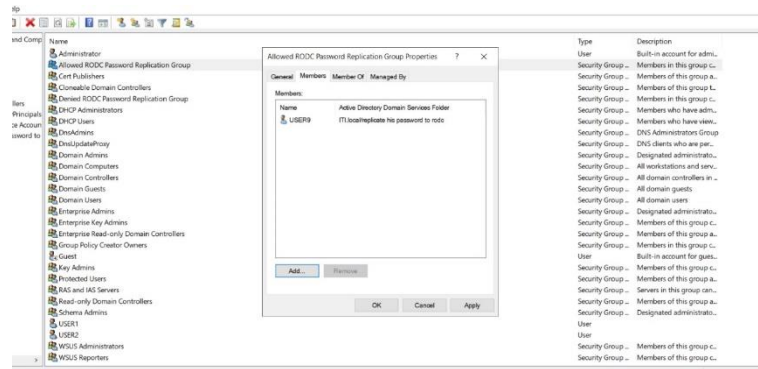
- Active Directory Users and Groups:** Shows the 'Users' container with a list of users including Administrator, Allowed RODC Password Replication Group, and various domain controllers and administrators.
- Allowed RODC Password Replication Group Properties:** A dialog box for configuring password replication. The 'Members' tab shows a list of users, including USER9, who is selected.
- Delegation of Control Wizard:** A wizard for delegating control. The 'Tasks to Delegate' step shows a list of tasks, including 'Create, delete, and manage user accounts', which is selected.
- Copy Object - User:** A dialog box for copying a user object. It shows the source user 'USER8' and the target user 'USER9' with the logon name 'USER9@ITI.local'. The password is set to 'The password never expires'.

The 'Copy Object - User' dialog box contains the following information:

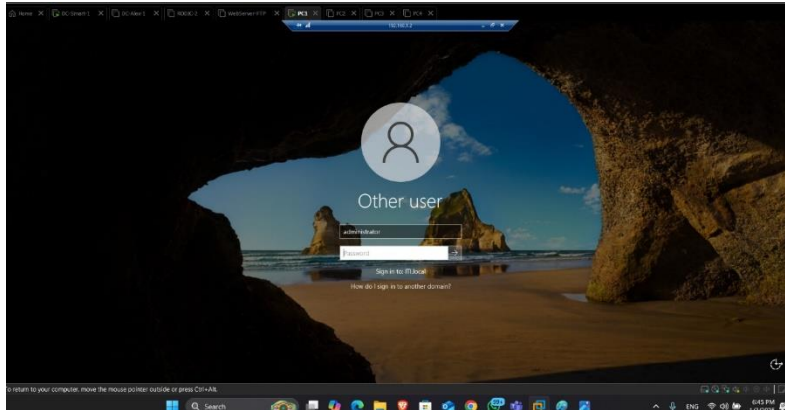
- Create in: ITI.local\
- When you click Finish, the following object will be created:
- Copy from: USER8
- Full name: USER9
- User logon name: USER9@ITI.local
- The password never expires.



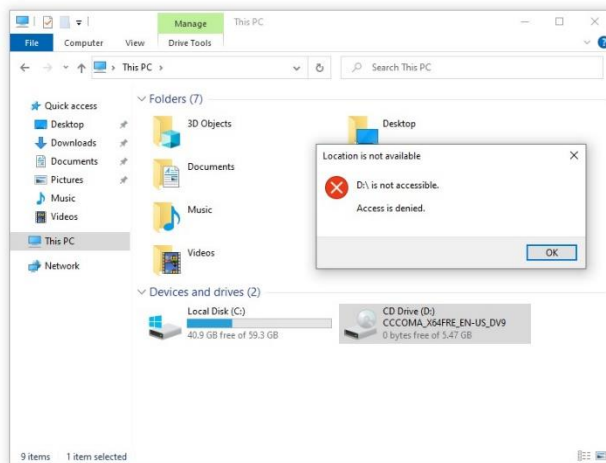
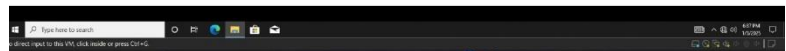
## 9. Map Drive:

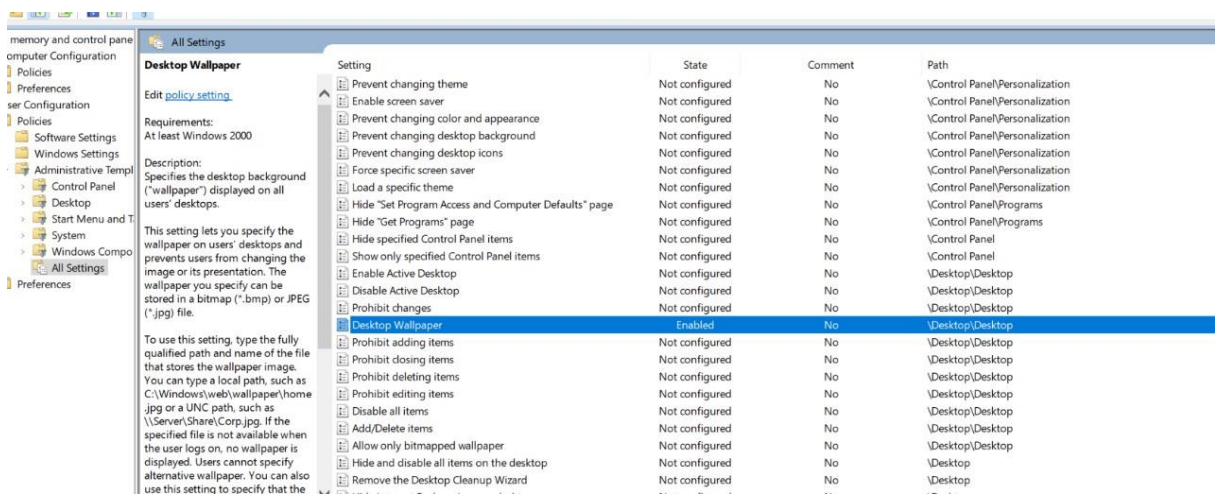
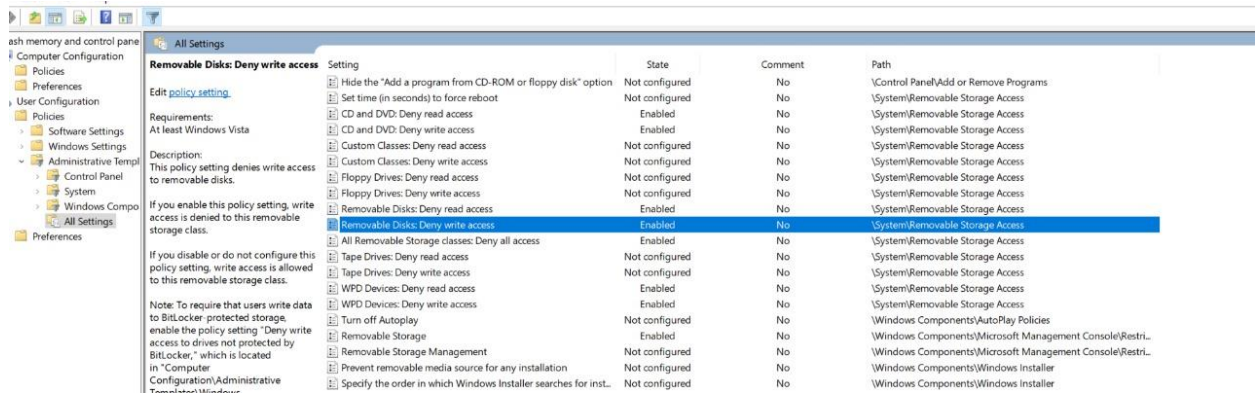
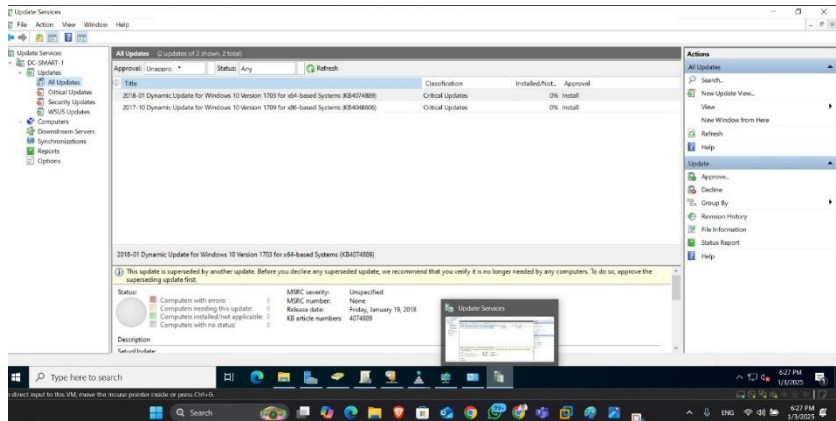


## 10. RDP

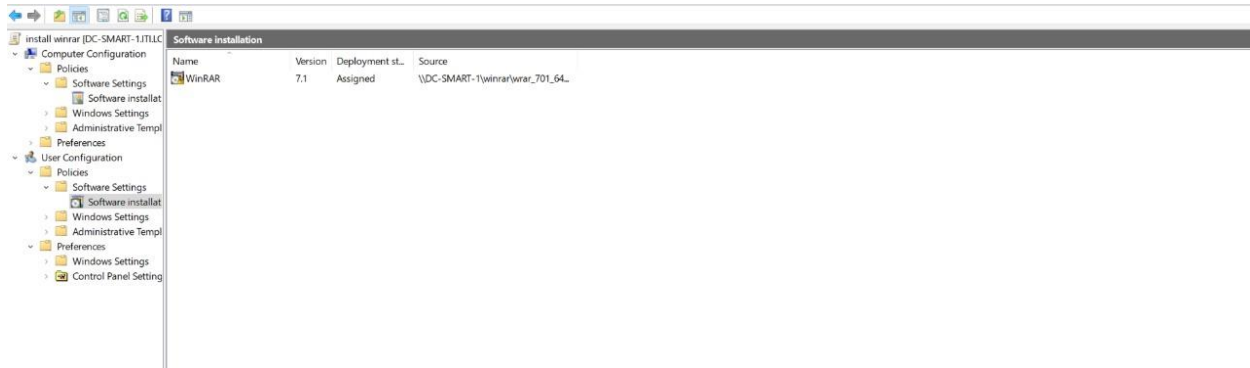


## 11. GPO:

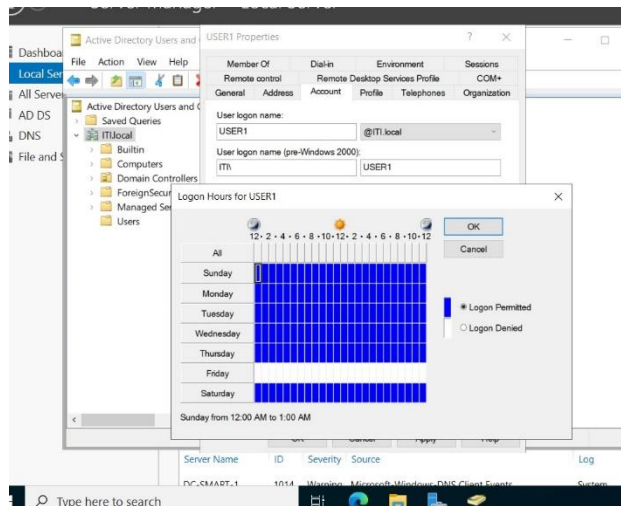




## 12. WinRAR install auto



## 13. User Login Hours:



## 14. RD User:

