

Ark Patel

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LAB 03

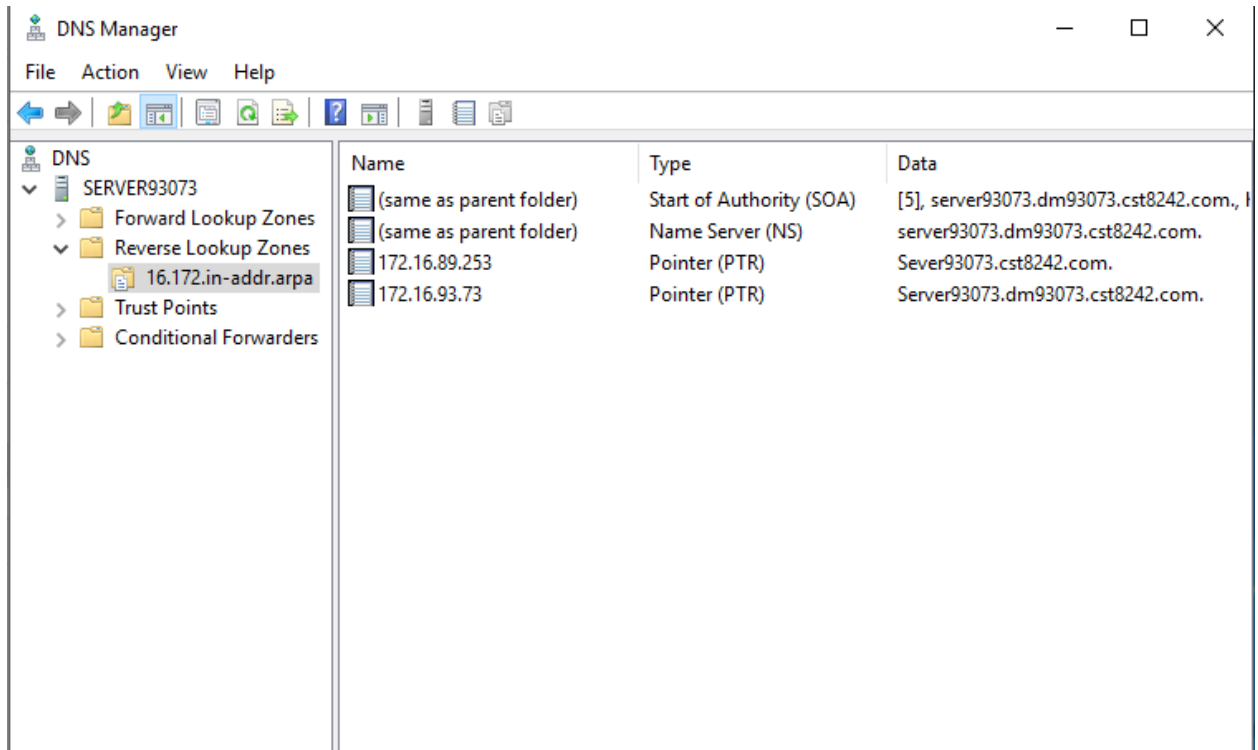
Islam Gomaa

SERVER 93073

172.16.93.73

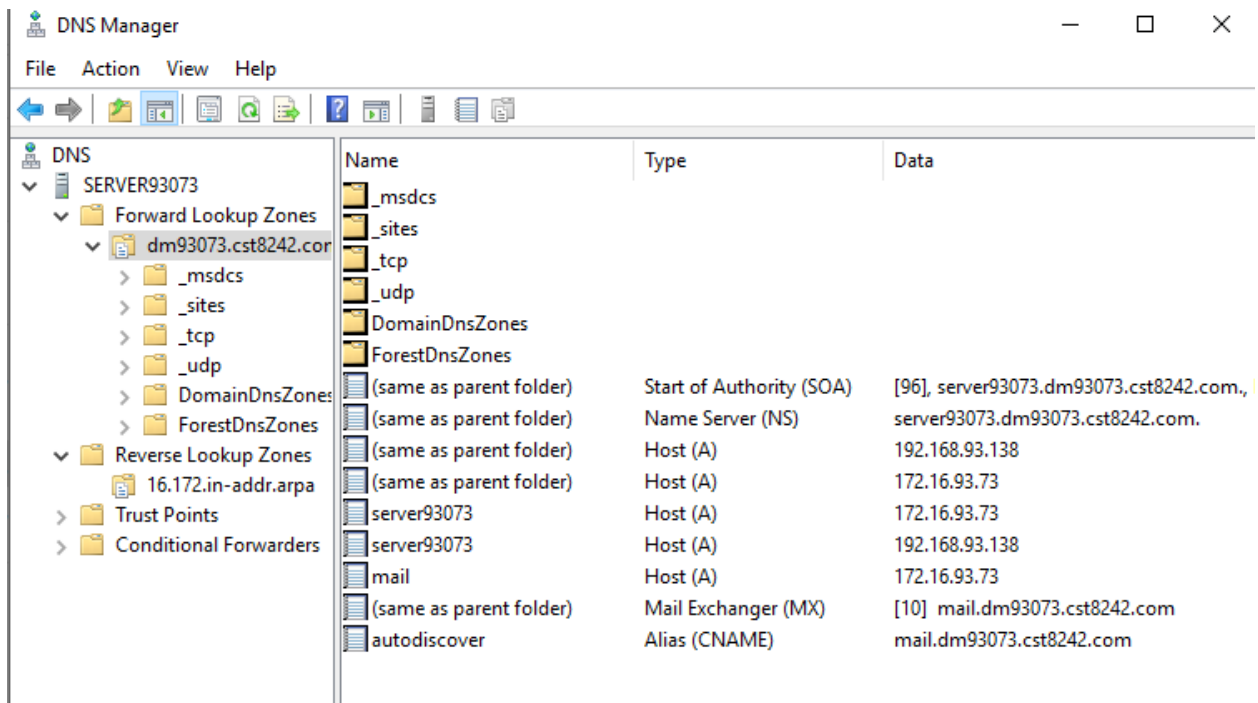
2021/02/14

%1



Name	Type	Data
(same as parent folder)	Start of Authority (SOA)	[5], server93073.dm93073.cst8242.com., I
(same as parent folder)	Name Server (NS)	server93073.dm93073.cst8242.com.
172.16.89.253	Pointer (PTR)	Sever93073.cst8242.com.
172.16.93.73	Pointer (PTR)	Server93073.dm93073.cst8242.com.

%2



Name	Type	Data
_msdcs		
_sites		
_tcp		
_udp		
DomainDnsZones		
ForestDnsZones		
(same as parent folder)	Start of Authority (SOA)	[96], server93073.dm93073.cst8242.com.,
(same as parent folder)	Name Server (NS)	server93073.dm93073.cst8242.com.
(same as parent folder)	Host (A)	192.168.93.138
(same as parent folder)	Host (A)	172.16.93.73
server93073	Host (A)	172.16.93.73
server93073	Host (A)	192.168.93.138
mail	Host (A)	172.16.93.73
(same as parent folder)	Mail Exchanger (MX)	[10] mail.dm93073.cst8242.com
autodiscover	Alias (CNAME)	mail.dm93073.cst8242.com

%3

SERVER93073 Properties ? X

Debug Logging Event Logging Monitoring Security
Interfaces Forwarders Advanced Root Hints

Select the IP addresses that will serve DNS requests. The server can listen for DNS queries on all IP addresses defined for this computer, or you can limit it to selected IP addresses.

Listen on:

☒ All IP addresses
☐ Only the following IP addresses:

IP address:

<input checked="" type="checkbox"/>	172.16.93.73
<input checked="" type="checkbox"/>	192.168.93.138

OK Cancel Apply Help

%4

SERVER93073 Properties ? X

Debug Logging Event Logging Monitoring Security
Interfaces Forwarders Advanced Root Hints

Forwarders are DNS servers that this server can use to resolve DNS queries for records that this server cannot resolve.

IP Address	Server FQDN
172.16.89.253	Sever93073.cst8242.com
8.8.8.8	dns.google

☒ Use root hints if no forwarders are available Edit...

Note: If conditional forwarders are defined for a given domain, they will be used instead of server-level forwarders. To create or view conditional forwarders, navigate to the Conditional Forwarders node in the scope tree.

OK Cancel Apply Help

%5

Internet Protocol Version 4 (TCP/IPv4) Properties

General

You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.

☐ Obtain an IP address automatically

☒ Use the following IP address:

IP address: 172 . 16 . 93 . 73

Subnet mask: 255 . 255 . 0 . 0

Default gateway: . . .

☐ Obtain DNS server address automatically

☒ Use the following DNS server addresses:

Preferred DNS server: 127 . 0 . 0 . 1

Alternate DNS server: . . .

☐ Validate settings upon exit

Advanced...

OK Cancel

%6

Advanced TCP/IP Settings

IP Settings DNS WINS

DNS server addresses, in order of use:

127.0.0.1

Add... Edit... Remove

The following three settings are applied to all connections with TCP/IP enabled. For resolution of unqualified names:

☒ Append primary and connection specific DNS suffixes

☒ Append parent suffixes of the primary DNS suffix

☐ Append these DNS suffixes (in order):

Add... Edit... Remove

DNS suffix for this connection: dm93073.cst8242.com

☒ Register this connection's addresses in DNS

☐ Use this connection's DNS suffix in DNS registration

OK Cancel

%7

```
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

PS C:\Users\Administrator> Install-WindowsFeature RSAT-ADDS

Success Restart Needed Exit Code      Feature Result
-----
True      No                NoChangeNeeded {}

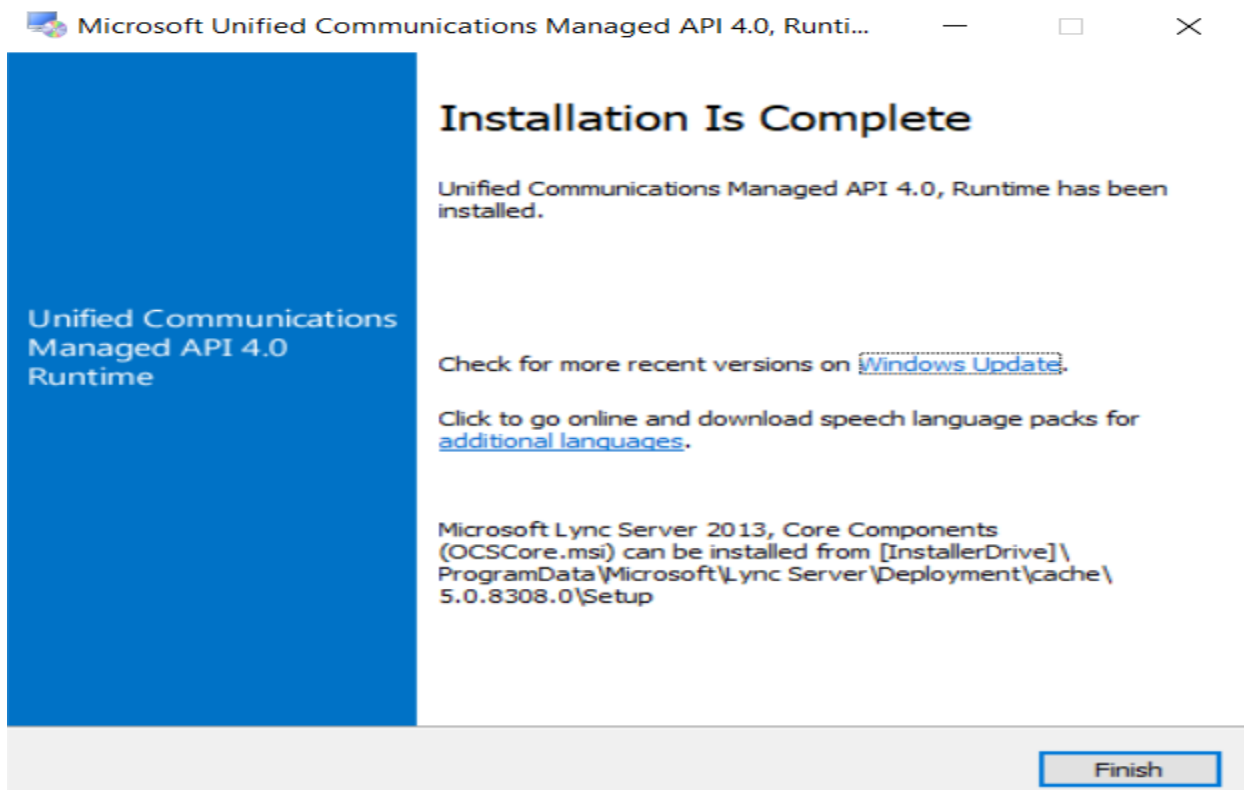
PS C:\Users\Administrator> █
```

%8

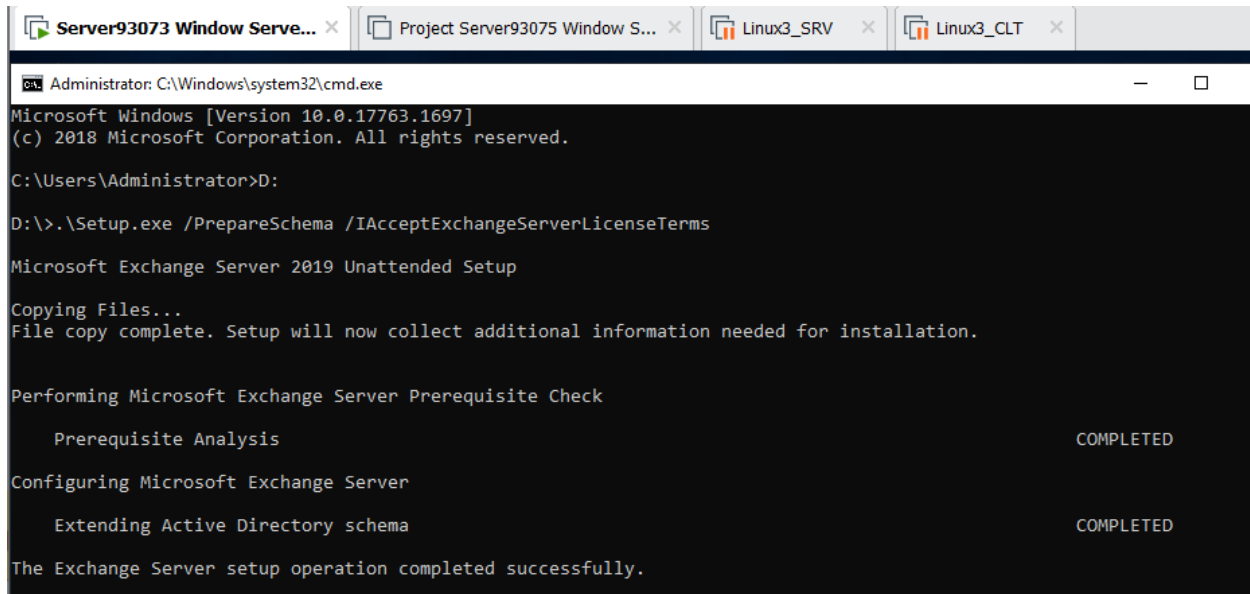
```
PS C:\Users\Administrator> Install-WindowsFeature RSAT-Clustering-CmdInterface, NET-Framework-45-Features, RPC-over-HTTP-proxy, RSAT-Clustering, RSAT-Clustering-CmdInterface, RSAT-Clustering-Mgmt, RSAT-Clustering-PowerShell, Web-Mgmt-Console, WAS-Process-Model, Web-Asp-Net45, Web-Basic-Auth, Web-Client-Auth, Web-Digest-Auth, Web-Dir-Browsing, Web-Dyn-Compression, Web-Http-Errors, Web-Http-Logging, Web-Http-Redirect, Web-Http-Tracing, Web-ISAPI-Ext, Web-ISAPI-Filter, Web-Lgcy-Mgmt-Console, Web-Metabase, Web-Mgmt-Console, Web-Mgmt-Service, Web-Net-Ext45, Web-Request-Monitor, Web-Server, Web-Static-Content, Web-Windows-Auth, Web-WMI, Windows-Identity-Foundation, RSAT-ADDS

Success Restart Needed Exit Code      Feature Result
-----
True      No                Success      {Message Queuing, Message Queuing Server, ...}
```

%9



%10



The screenshot shows a Windows command prompt window titled "Administrator: C:\Windows\system32\cmd.exe". The window contains the following text:

```
Microsoft Windows [Version 10.0.17763.1697]
(c) 2018 Microsoft Corporation. All rights reserved.

C:\Users\Administrator>D:

D:\>.\Setup.exe /PrepareSchema /IAcceptExchangeServerLicenseTerms

Microsoft Exchange Server 2019 Unattended Setup

Copying Files...
File copy complete. Setup will now collect additional information needed for installation.

Performing Microsoft Exchange Server Prerequisite Check

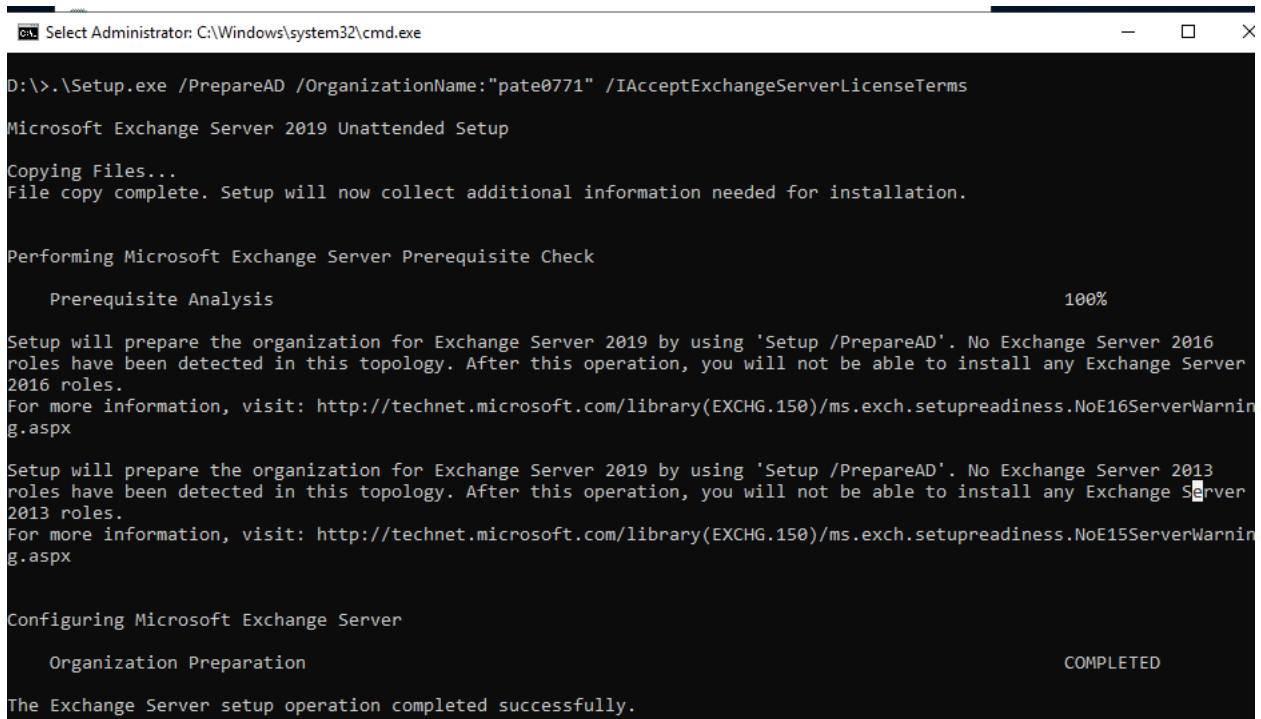
    Prerequisite Analysis                                COMPLETED

Configuring Microsoft Exchange Server

    Extending Active Directory schema                    COMPLETED

The Exchange Server setup operation completed successfully.
```

%11



The screenshot shows a Windows command prompt window titled "Select Administrator: C:\Windows\system32\cmd.exe". The window contains the following text:

```
D:\>.\Setup.exe /PrepareAD /OrganizationName:"pate0771" /IAcceptExchangeServerLicenseTerms

Microsoft Exchange Server 2019 Unattended Setup

Copying Files...
File copy complete. Setup will now collect additional information needed for installation.

Performing Microsoft Exchange Server Prerequisite Check

    Prerequisite Analysis                                100%

Setup will prepare the organization for Exchange Server 2019 by using 'Setup /PrepareAD'. No Exchange Server 2016
roles have been detected in this topology. After this operation, you will not be able to install any Exchange Server
2016 roles.
For more information, visit: http://technet.microsoft.com/library\(EXCHG.150\)/ms.exch.setupreadiness.NoE16ServerWarning.aspx

Setup will prepare the organization for Exchange Server 2019 by using 'Setup /PrepareAD'. No Exchange Server 2013
roles have been detected in this topology. After this operation, you will not be able to install any Exchange Server
2013 roles.
For more information, visit: http://technet.microsoft.com/library\(EXCHG.150\)/ms.exch.setupreadiness.NoE15ServerWarning.aspx

Configuring Microsoft Exchange Server

    Organization Preparation                            COMPLETED

The Exchange Server setup operation completed successfully.
```

%12

```
D:\>.\\Setup.exe /PrepareAllDomains /IAcceptExchangeServerLicenseTerms

Microsoft Exchange Server 2019 Unattended Setup

Copying Files...
File copy complete. Setup will now collect additional information needed for installation.

Performing Microsoft Exchange Server Prerequisite Check

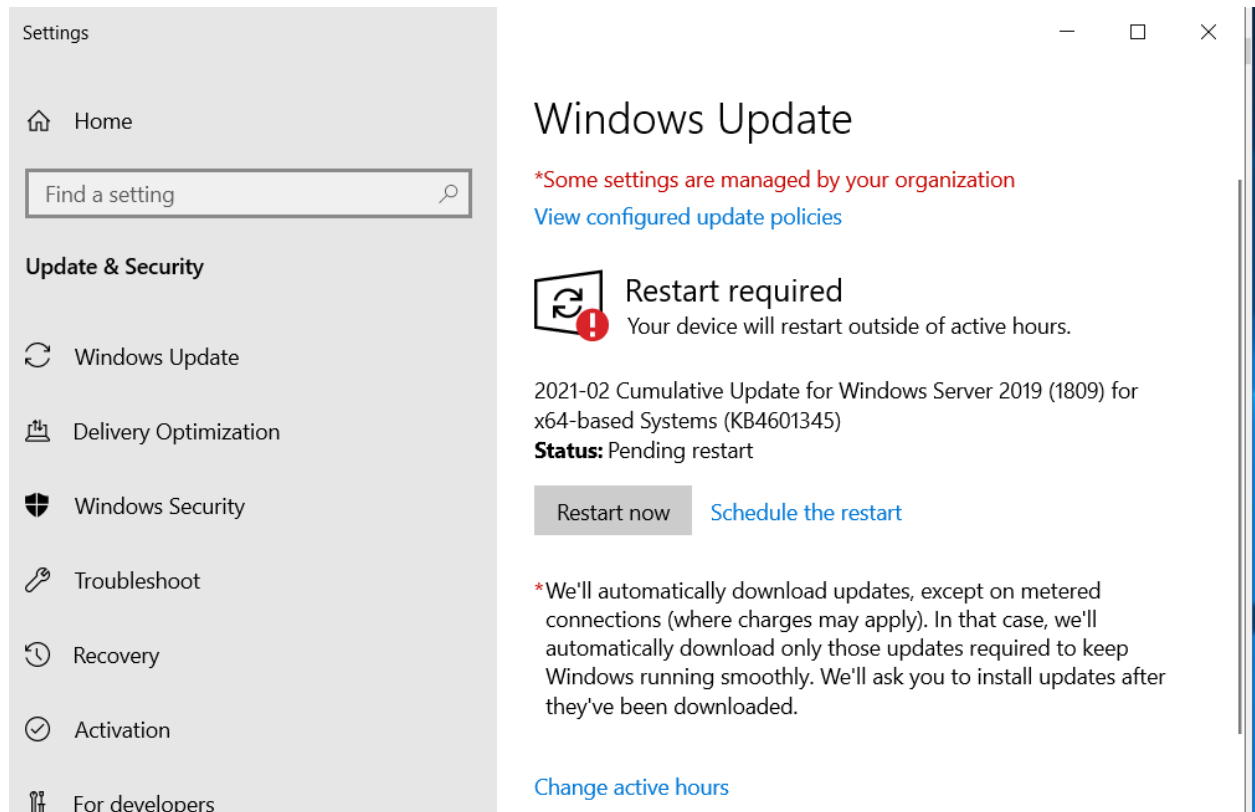
    Prerequisite Analysis COMPLETED

Configuring Microsoft Exchange Server

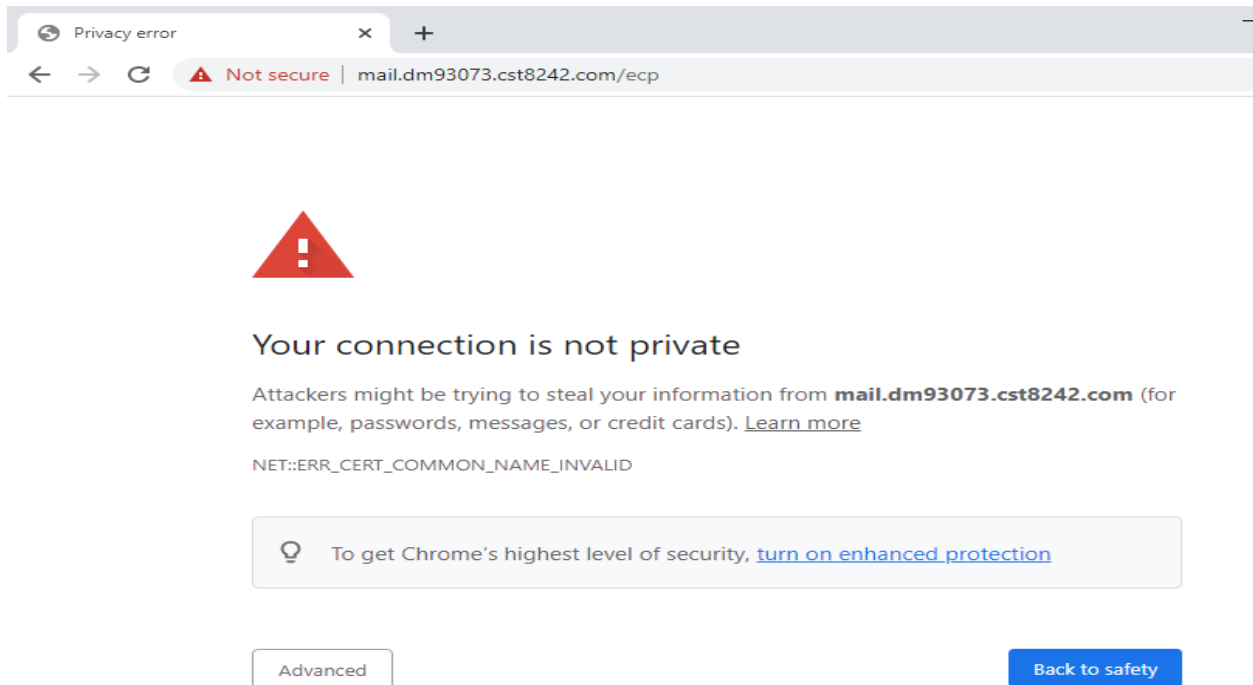
    Prepare Domain Progress COMPLETED

The Exchange Server setup operation completed successfully.
```

%13



%14



%15

