

Exercise 1 – Installing Exchange 2019 prerequisites

Objective:

- Prepare the server for Microsoft Exchange 2019 installation.

Tasks:

1. Start the **adXX** server.
2. Download and install **Visual C++ Redistributable Package for Visual Studio 2013**.
3. Verify if **.NET Framework 4.8** is installed.
4. Download and install the **IIS URL rewrite module**.
5. Using **PowerShell**, install these server features that are required by Exchange 2019:

Install-WindowsFeature Server-Media-Foundation, NET-Framework-45-Features, RPC-over-HTTP-proxy, RSAT-Clustering, RSAT-Clustering-CmdInterface, RSAT-Clustering-Mgmt, RSAT-Clustering-PowerShell, 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-Stat-Compression, Web-Static-Content, Web-Windows-Auth, Web-WMI, Windows-Identity-Foundation, RSAT-ADDS

6. Download and install the **Unified Communications Managed 4.0 API**.
7. **Now your server is ready to install Exchange 2019.**
8. **Restart your server.**

Exercise 2 – Installing Exchange 2019

Objective:

- Install Microsoft Exchange 2019.

Stages:

1. Download and install the **latest Exchange 2019 CU**.
1. Once the installation is complete, click the **Finish** button.
2. **Restart the server.**

Exercise 3 – Validating Exchange 2019 Installation

Objective:

- Validate the installation of Microsoft Exchange 2019.

Stages:

1. You will now validate the Exchange 2019 installation.
2. Open the installation log file **C:\ExchangeSetupLogs\ExchangeSetup.log** to verify that Exchange 2019 has been installed as expected.
3. Open **PowerShell** and run these commands:
Add-PSSnapin *exc* *(This command loads PowerShell applets for Exchange 2019).*
get-mailbox
Test-ServiceHealth
4. The installation has also created **secure websites** (using the certificate created in the SSL chapter), which will be used to manage the server and for users to access their email via the web. Open **IIS Manager** to list these new websites.
5. Display the **Exchange Admin Center** home screen using the following address:
<https://adXX.domaineXX.local/ecp>
6. Shutdown the VM.
7. Create a copy of this VM using **Export to Exchange2019.ova**

Lab Deliverables

You should submit a **lab report** including the **screenshots** of your Exchange Server Installation **validation** performed in **exercise 3**.