

Exchange Server 2019 Installation Lab Report

Name: Gabriel Adeniyi

Date: 13 July, 2025

Table of Contents

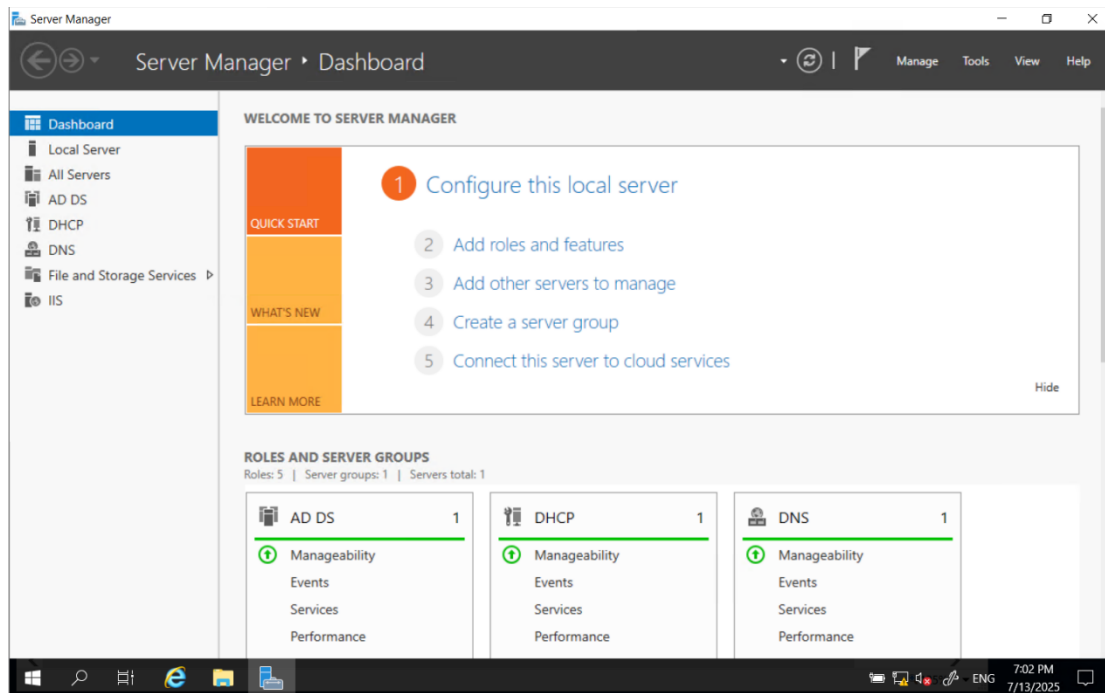
1. Introduction
 2. System Requirements
 3. Server Preparation
 4. Prerequisites Installation
 5. Active Directory Preparation
 6. Exchange Installation
 7. Post-Installation Configuration
 8. Adding Additional Admins
 9. Conclusion
-

1. Introduction

I set up Microsoft Exchange Server 2019 on Windows Server 2019 (GUI) in this lab. The steps included preparing the operating system, installing prerequisites, extending the Active Directory schema, and installing the Exchange Mailbox role.

2. System Requirements

- Windows Server 2019 with GUI
- Minimum 12GB RAM
- Minimum 100GB Disk Space
- Static IP Address
- Domain membership
- Exchange Server 2019 ISO

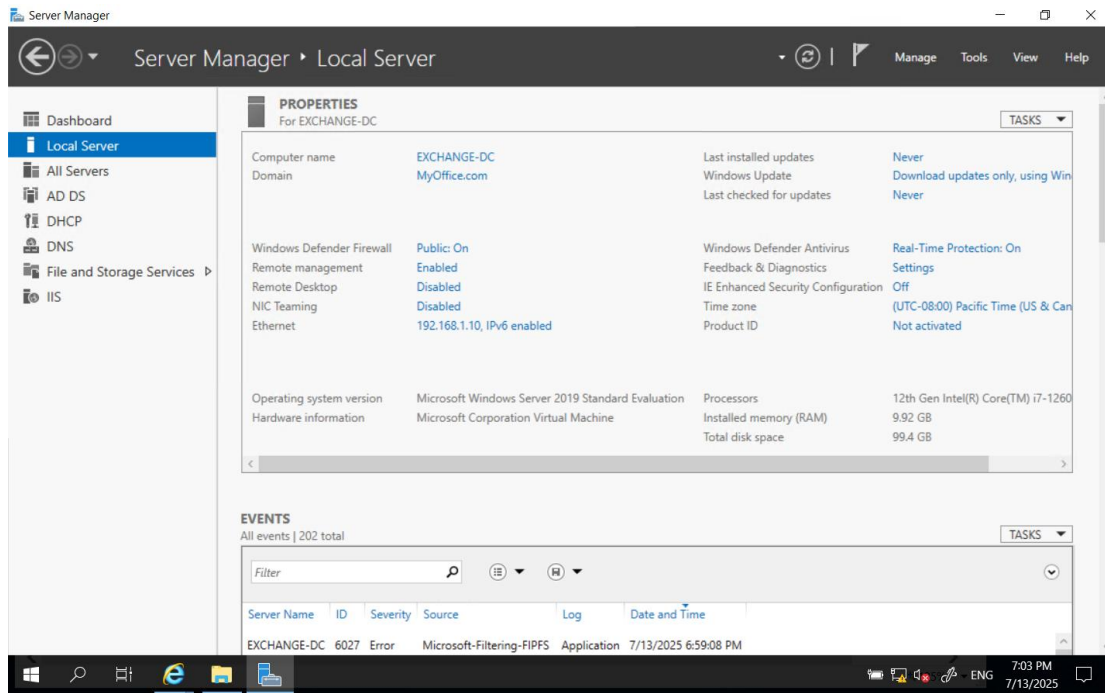


Server Manager Dashboard

3. Server Preparation

Steps:

- Installed all Windows Updates
- Configured Static IP
- Renamed server
- Turned off IE Enhanced Security
- Set correct time zone
- Joined the domain

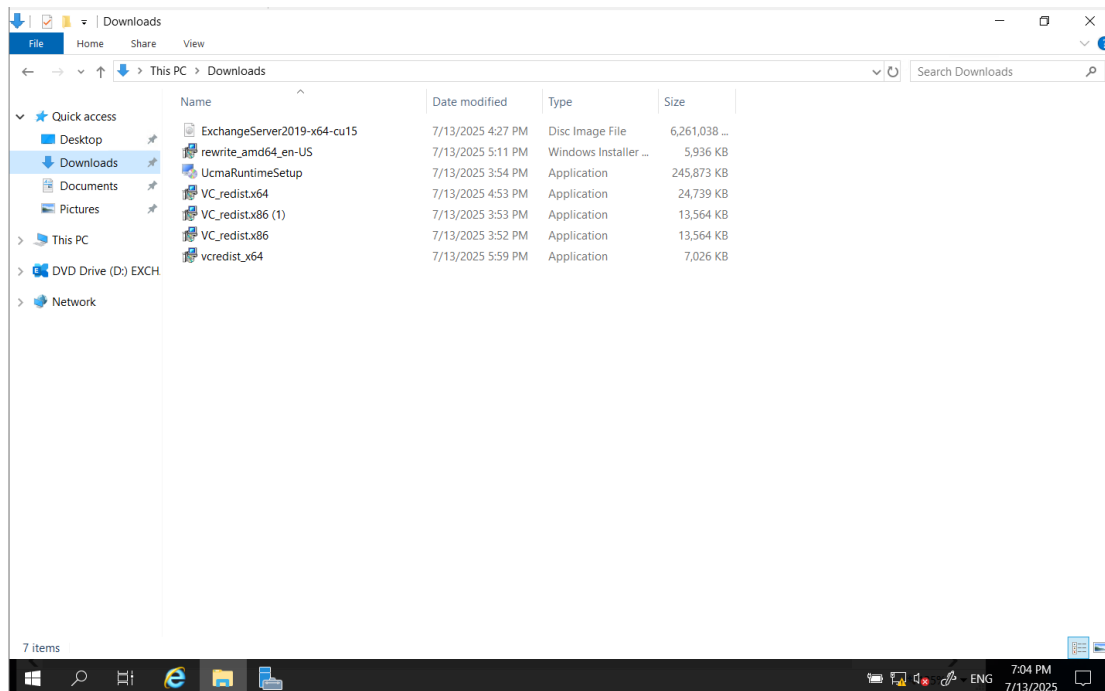


(Server Properties showing static IP / domain membership)

4. Prerequisites Installation

Installed:

- NET Framework 4.8
- Visual C++ Redistributable 2012 and 2013
- IIS URL Rewrite Module
- UCMA 4.0
- Windows Features for Exchange

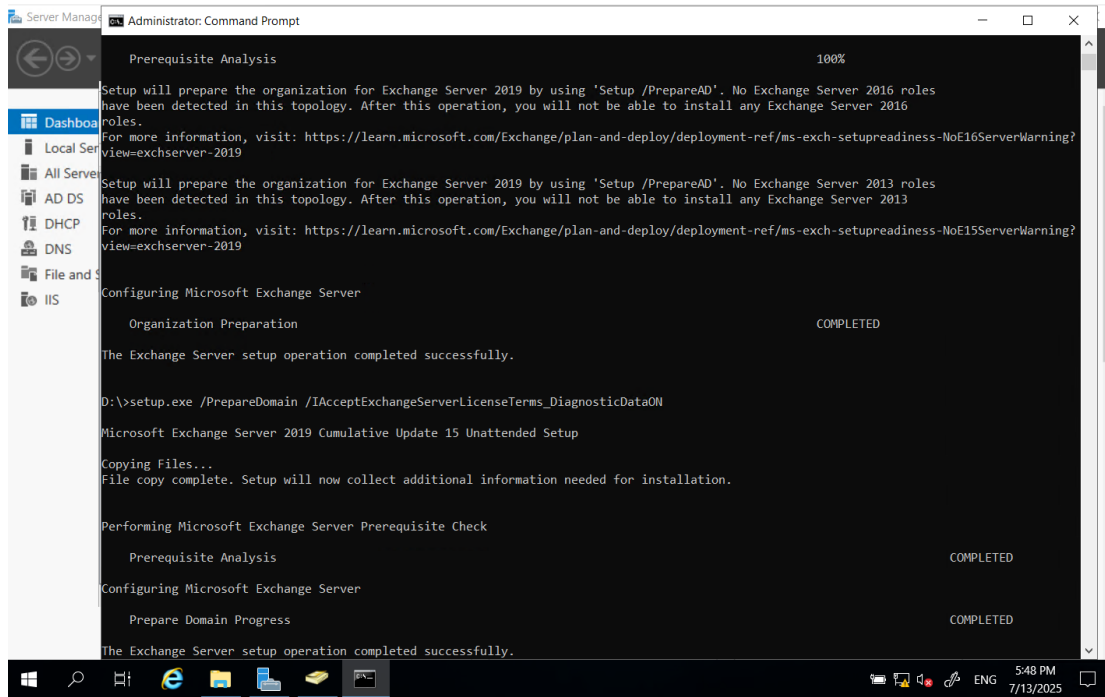


Installed Programs (VC++, .NET)

5. Active Directory Preparation

Commands run from Exchange ISO:

```
Setup.exe /PrepareSchema  
/IAcceptExchangeServerLicenseTerms_DiagnosticDataON  
Setup.exe /PrepareAD /OrganizationName:"MyOffice"  
/IAcceptExchangeServerLicenseTerms_DiagnosticDataON  
Setup.exe /PrepareDomain  
/IAcceptExchangeServerLicenseTerms_DiagnosticDataON
```

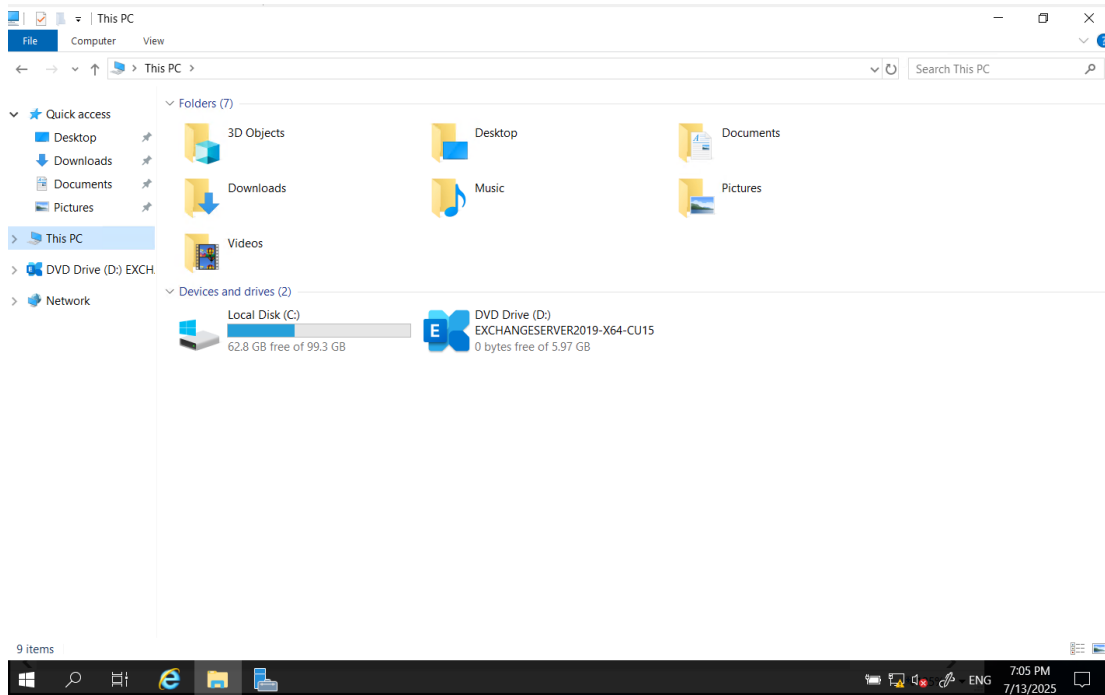


- Command Prompt showing successful /PrepareSchema
 - Command Prompt showing successful /PrepareAD
 - Command Prompt showing successful /PrepareDomain
-

6. Exchange Installation

Steps:

- Mounted ISO in VM
- Ran Setup.exe
- Checked for updates
- Accepted License Agreement
- Chose Mailbox Role
- Completed readiness checks
- Completed installation



Mounted ISO in File Explorer

Exchange Setup Wizard > Role Selection

Readiness Check Passed

Installation Progress

Installation Completed Screen

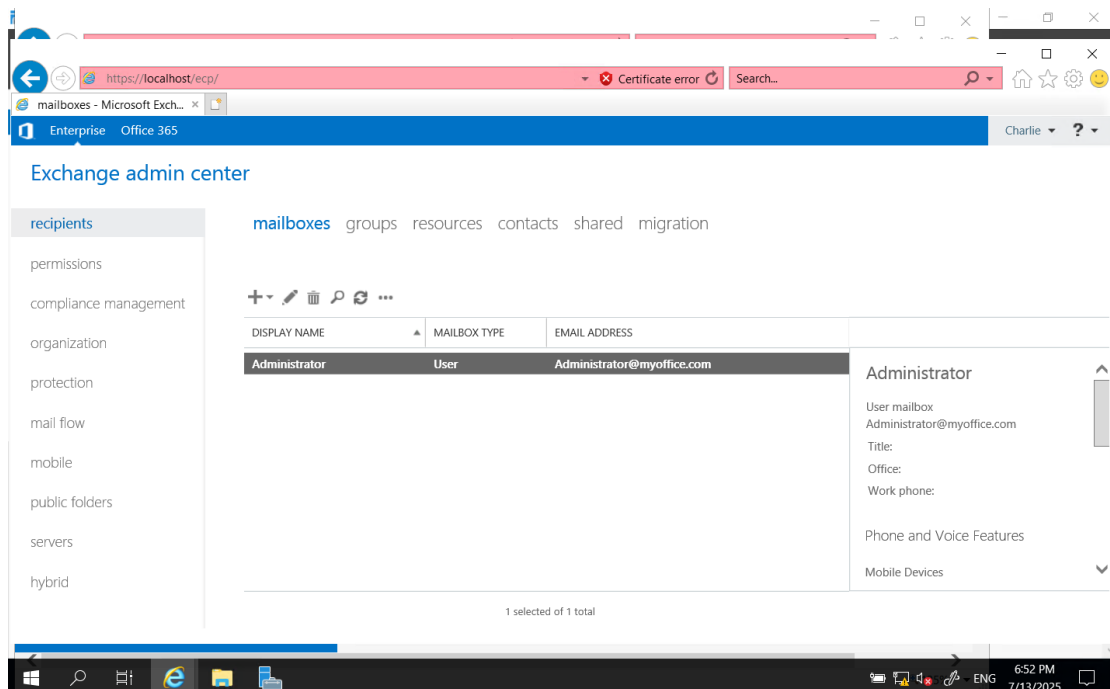
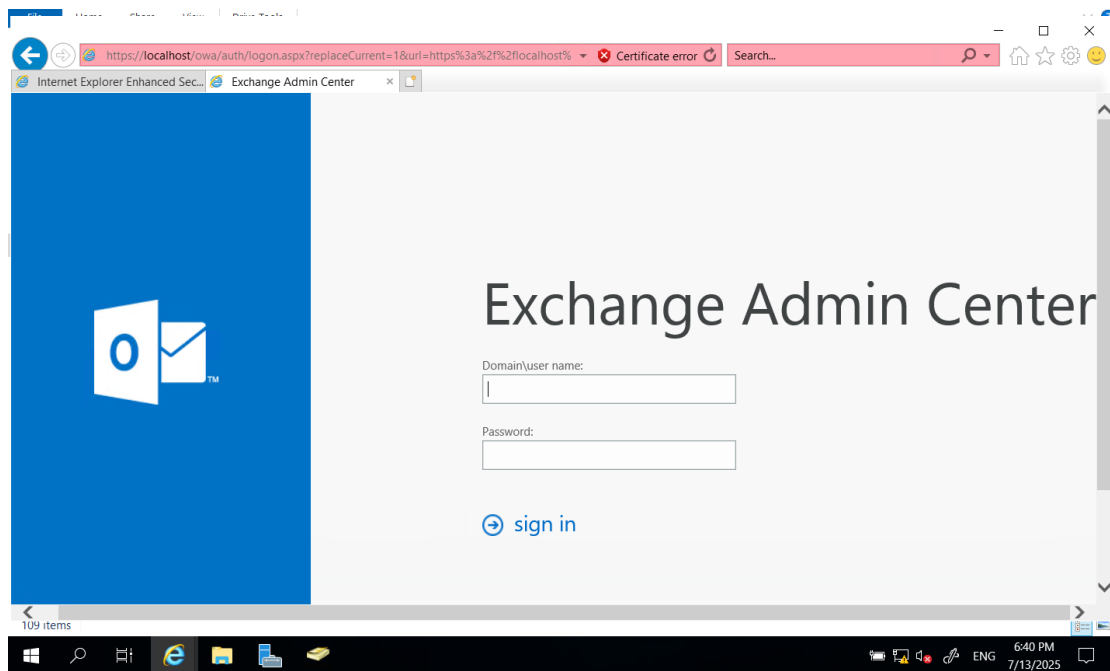
7. Post-Installation Configuration

Steps:

- Opened Exchange Admin Center at

`https://localhost/ecp`

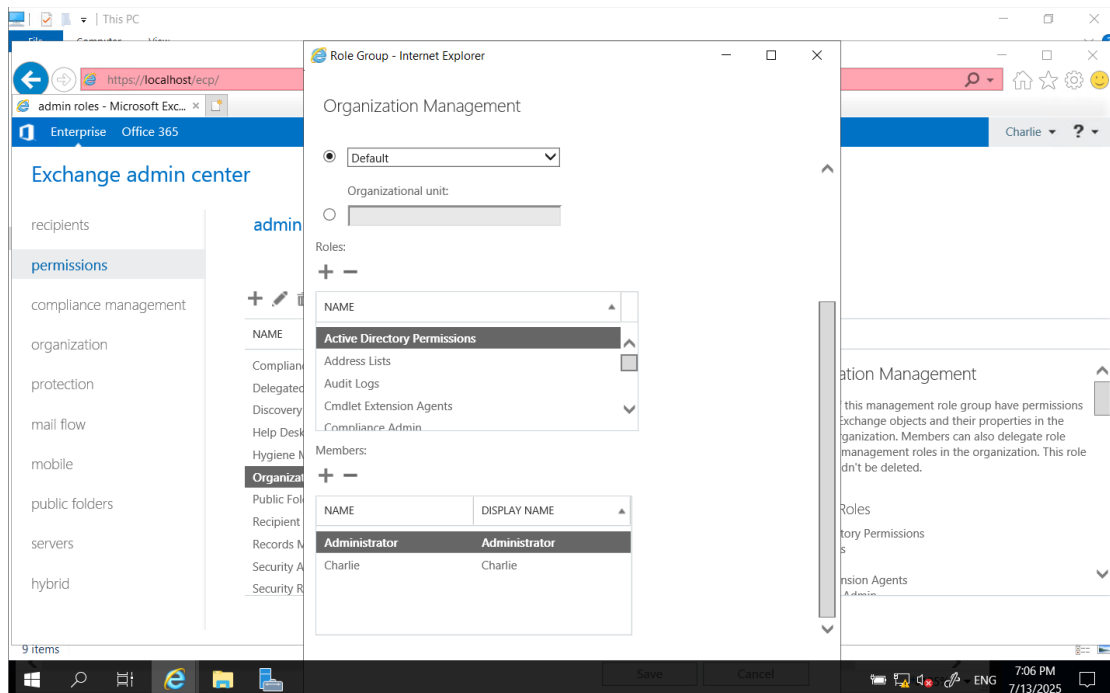
- Logged in with Administrator
- EAC Login Page
- EAC Dashboard



8. Adding Additional Admins

Steps:

- Opened EAC
- Navigated to Permissions > Admin Roles
- Edited Organization Management
- Added user "Charlie"



EAC showing Charlie added to Organization Management

9. Conclusion

Exchange Server 2019 on Windows Server 2019 with GUI. All prerequisites were met, Active Directory was prepared, and the Mailbox Role was installed successfully. Additional admin users were added to the Organization Management role group to allow delegated access to Exchange Admin Center.