How To: Exchange 2016 Server

This guide will show you how to install Exchange 2016 Server. We will be using CU7 download for the install. We will be doing two installs and setting up a DAG between the servers. I will also have 3 hard drives available on both servers. They are as follows:
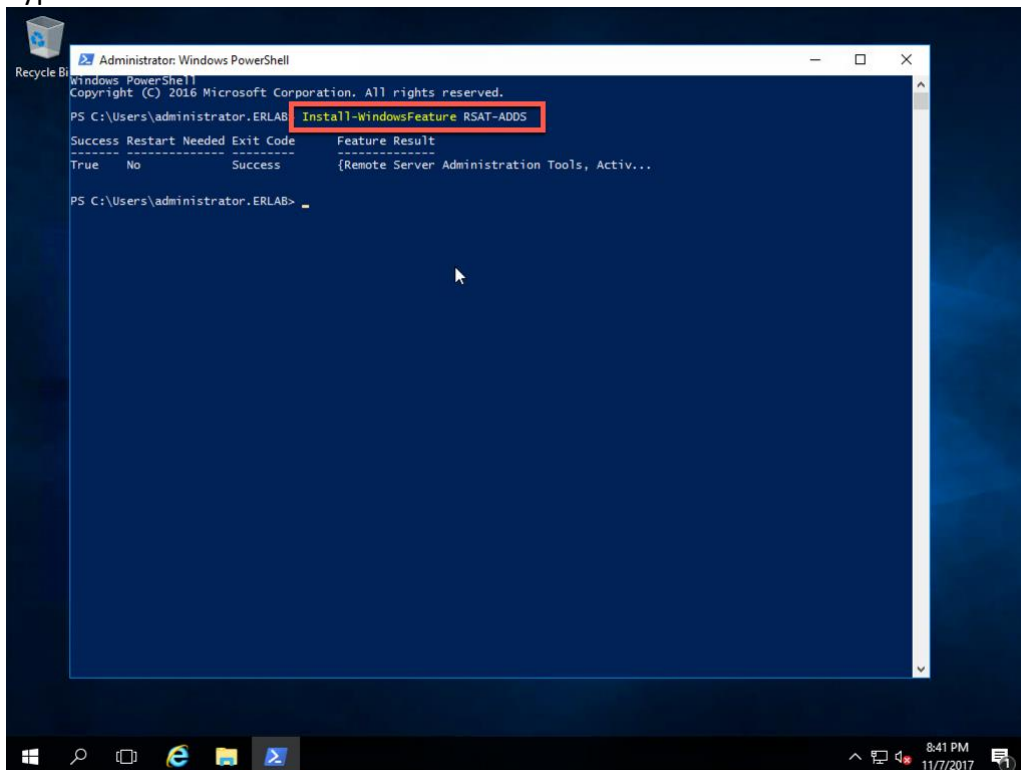
- C:\ - 100GB – Windows Server 2016 install
- E:\ - 100GB – This is where Exchange 2016 will be installed.
- L:\ - 75GB – This is where we put the Exchange Logs
- M:\ - 150GB – This will be where we put the Exchange DB's.

Preparing for Exchange 2016

Before we begin the actual Exchange 2016 install we need to do a few things to get our servers and domain ready for the install.

1. Open PowerShell as an Administrator.

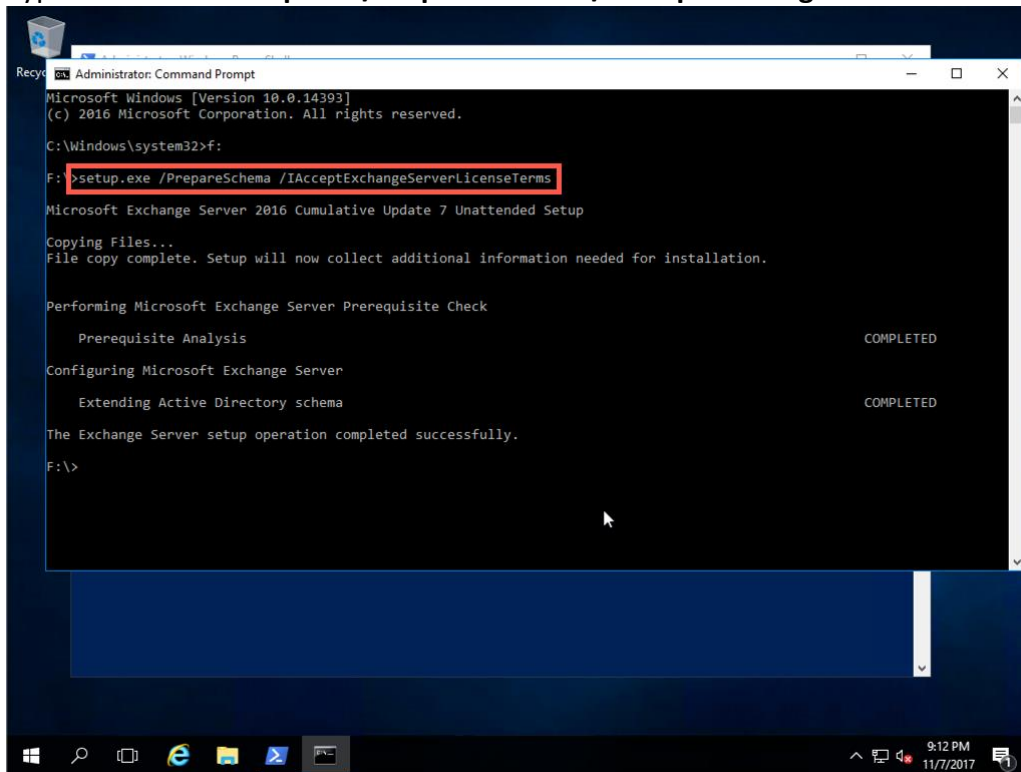2. Type and enter: **Install-WindowsFeature RSAT-ADDS**

3. Type and enter: **Install-WindowsFeature 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-Stat-Compression, Web-Static-Content, Web-Windows-Auth, Web-WMI, Windows-Identity-Foundation, RSAT-ADDS

4. Mount the Exchange 2016 ISO (in my case it is F:\).

5. Open Command Prompt as Administrator. Change to the drive letter where your media is mounted.

6. Type and enter: **setup.exe /PrepareSchema /IAcceptExchangeServerLicenseTerms**

7. Type and enter: **setup.exe /PrepareAD /OrganizationName:<REPLACE WITH ORG NAME> /IAcceptExchangeServerLicenseTerms**
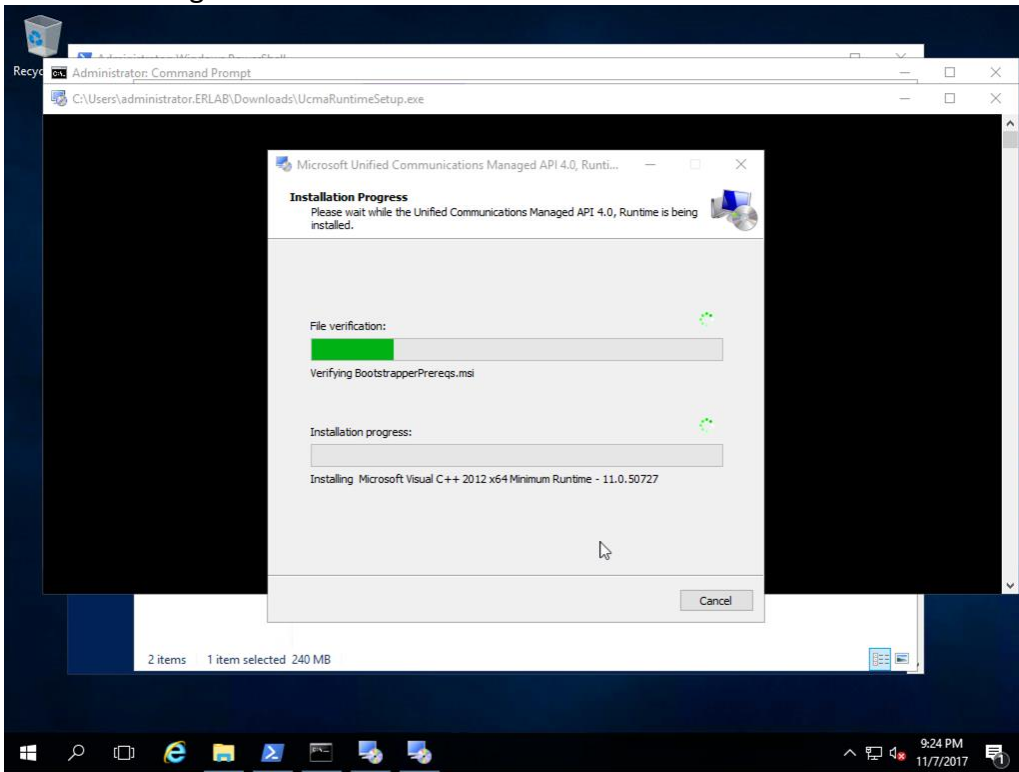
8. Download the Unified Communications Managed API 4.0 Runtime file from Microsoft.

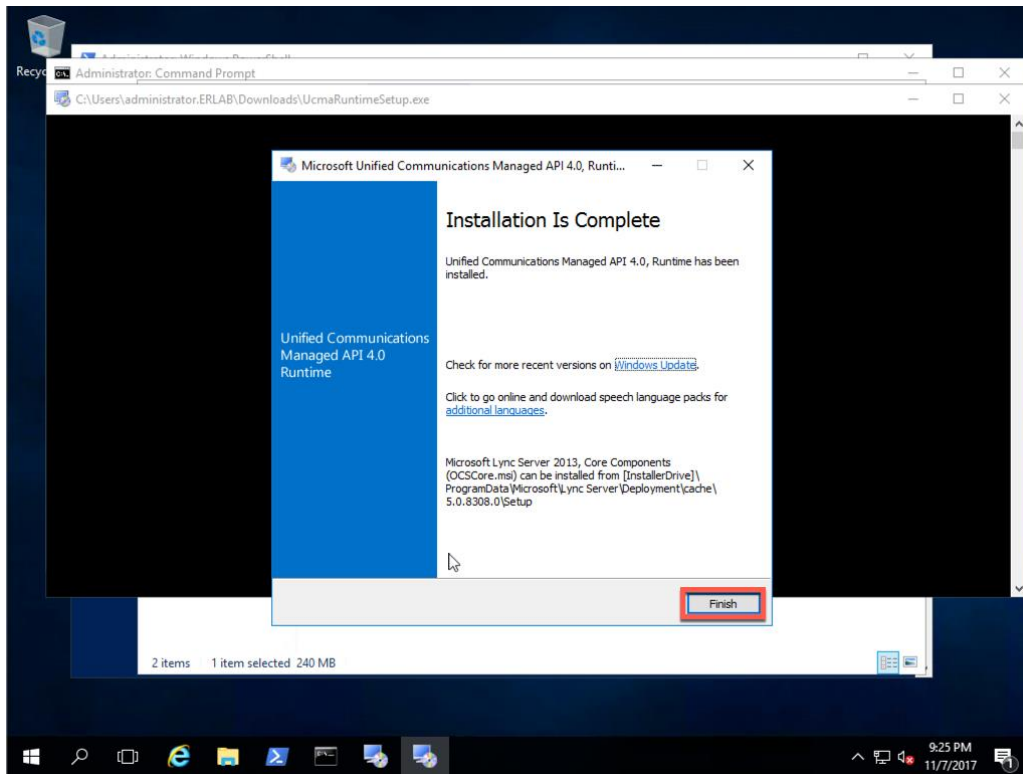9. Start the install of Unified Communications Managed API 4.0 Runtime.
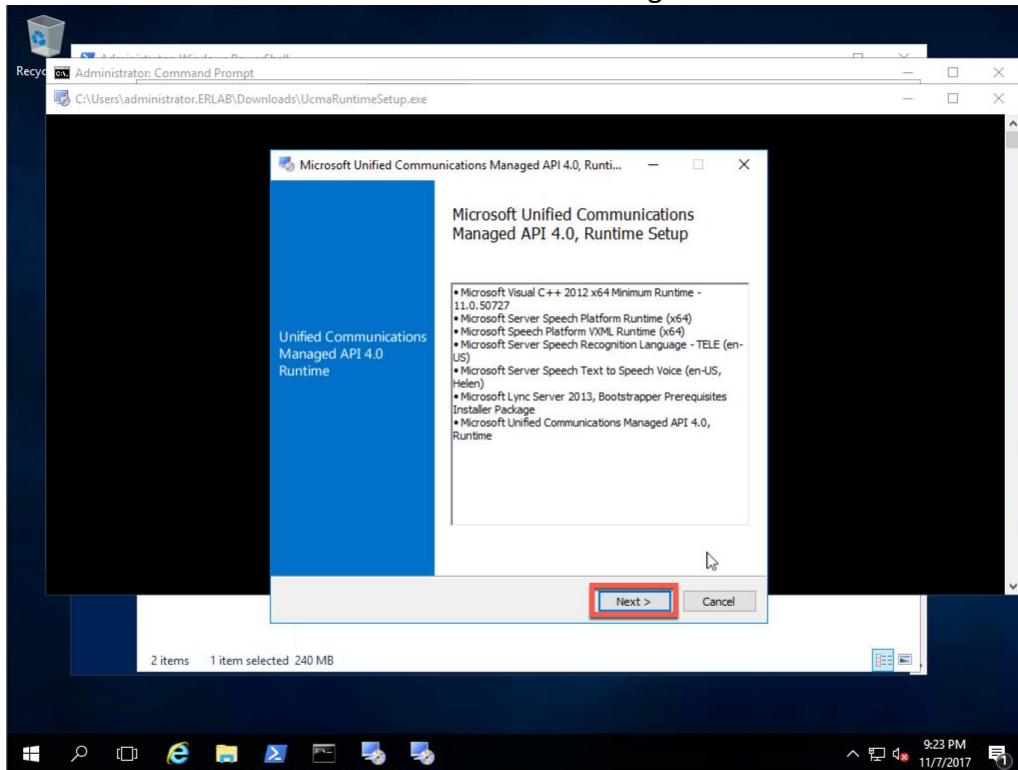
10. Accept the license and click Install.
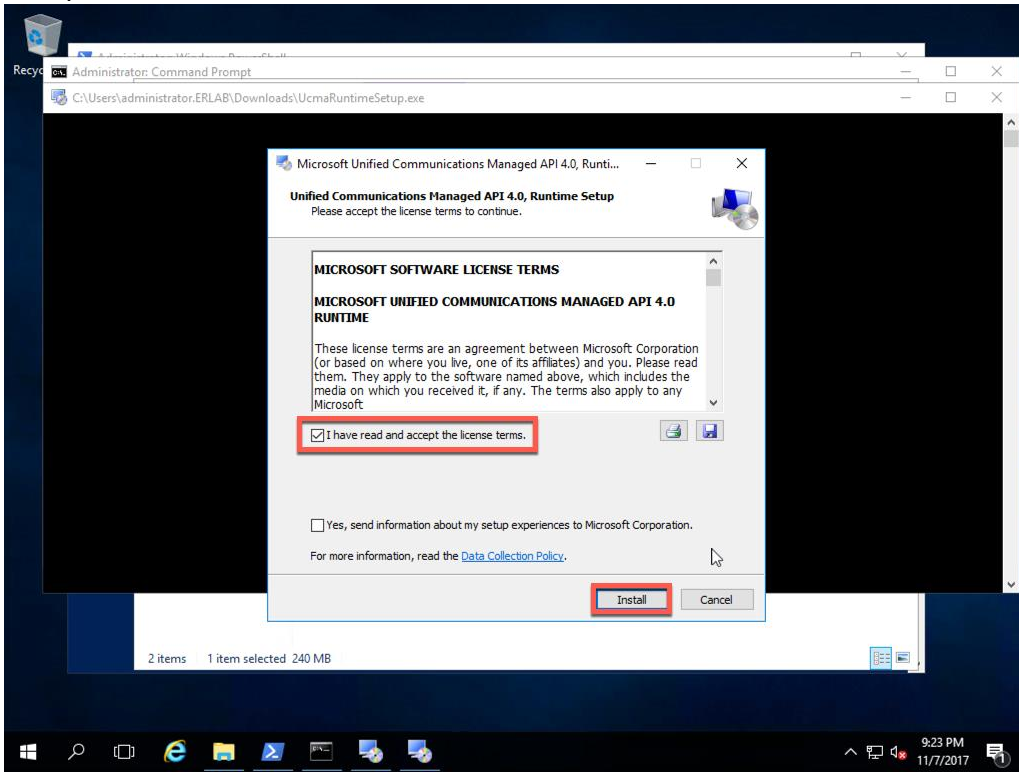
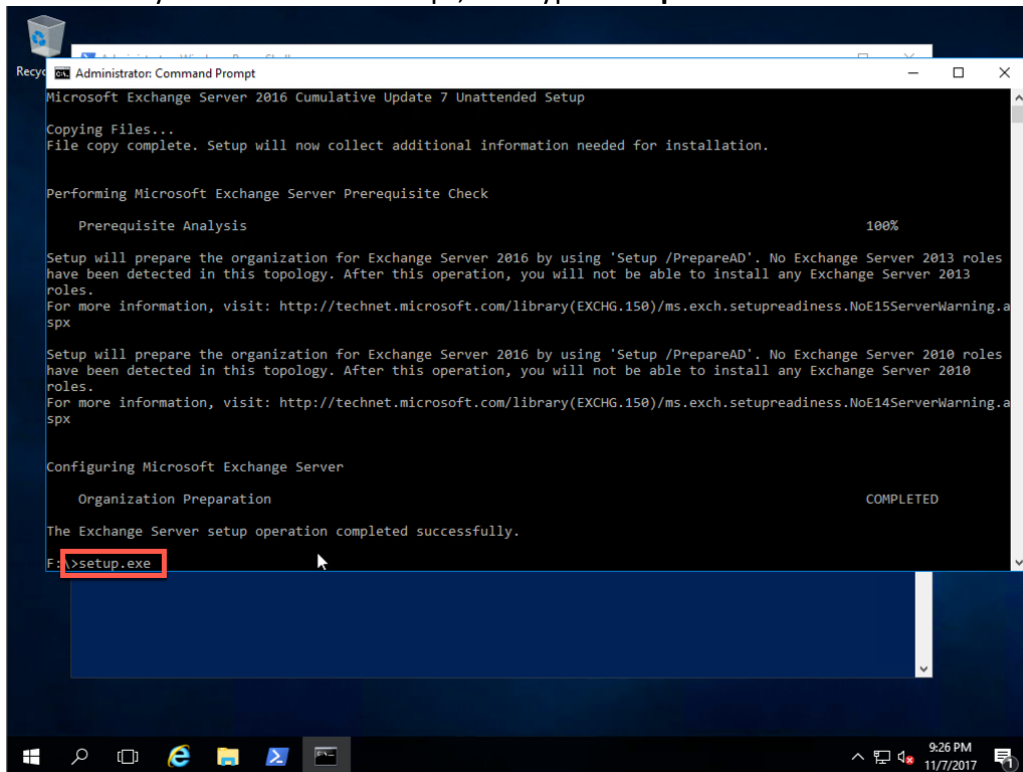

11. Installation begins.

12. Click Finish.

13. The prep work is now complete.

Install Exchange 2016 on the first server

1. Go back to your Command Prompt, and type: **setup.exe**

2. On the Check for Updates window, select Don't check for updates right now, then click Next.
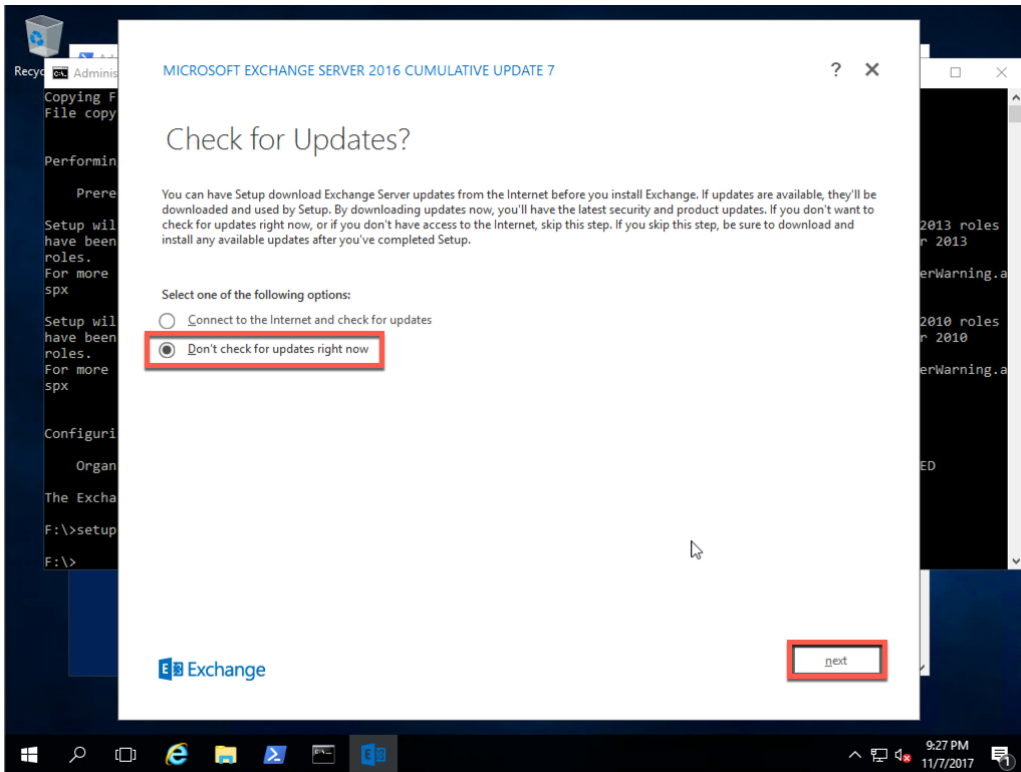
3. Files begin to copy.
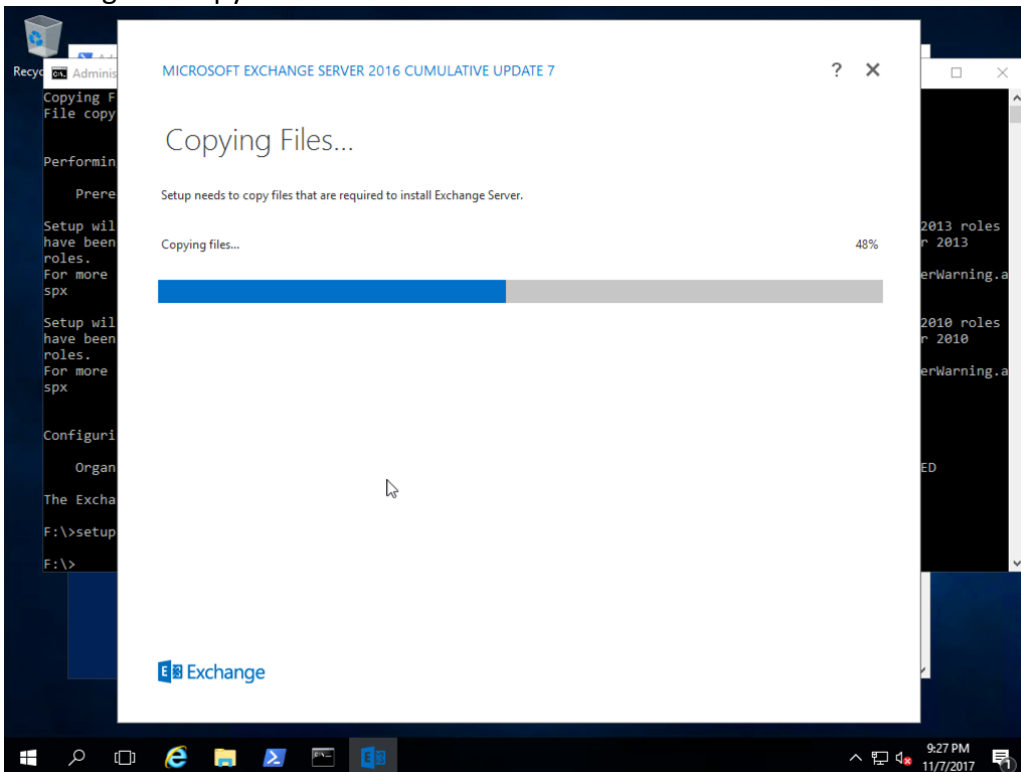
4. Initializing setup begins.

5. On the Introduction window, click Next.

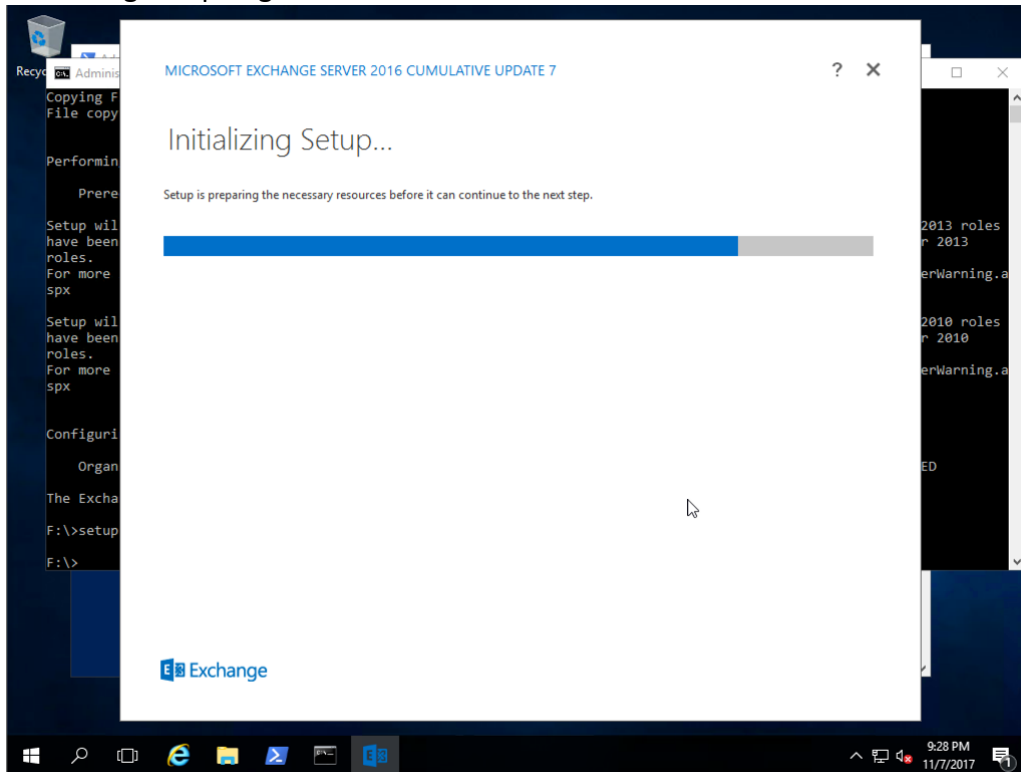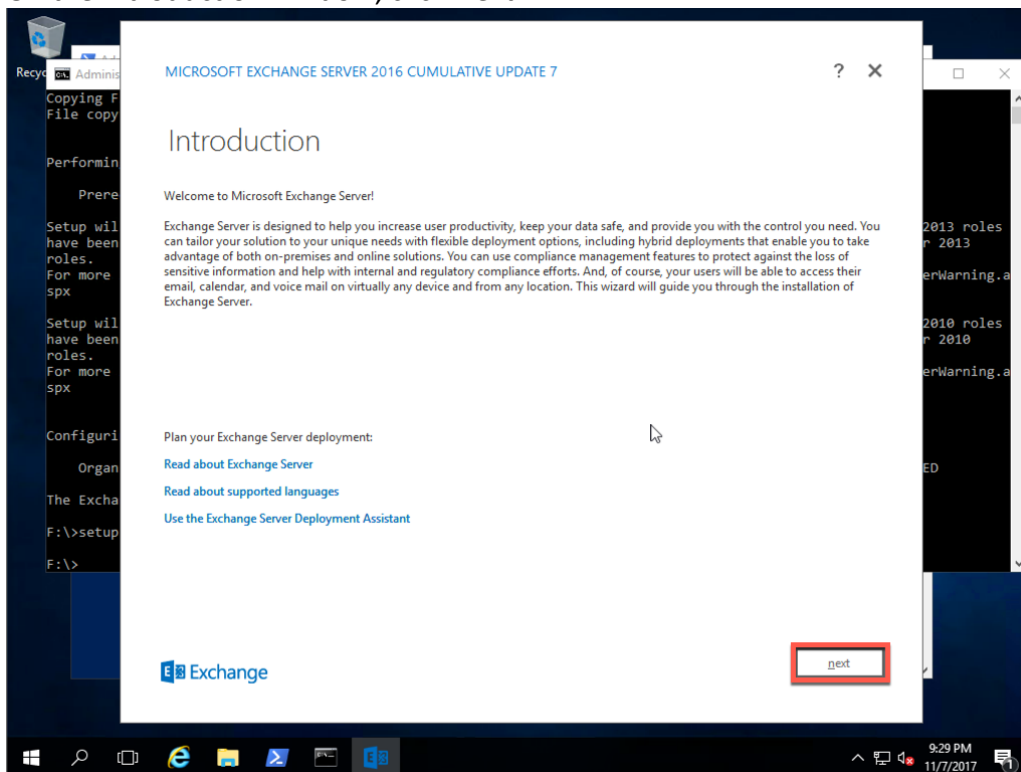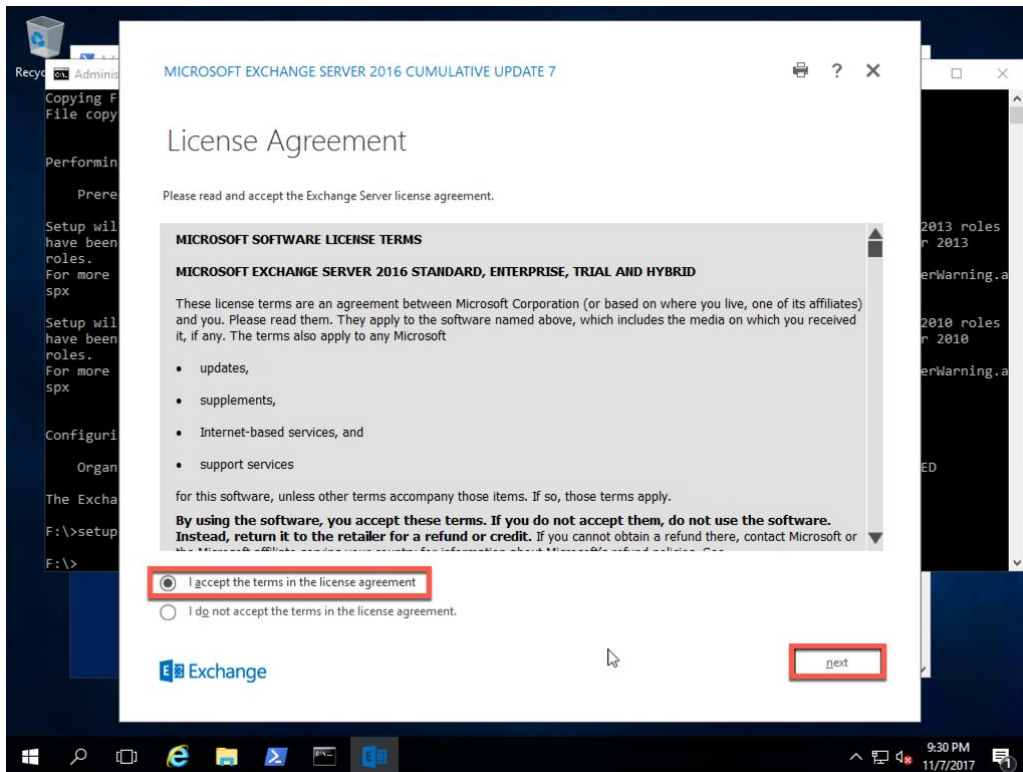6. On the License Agreement window, select I accept the terms in the license agreement, and click Next.

7. On the Recommended Settings window, select Don't use recommended settings, and click Next.
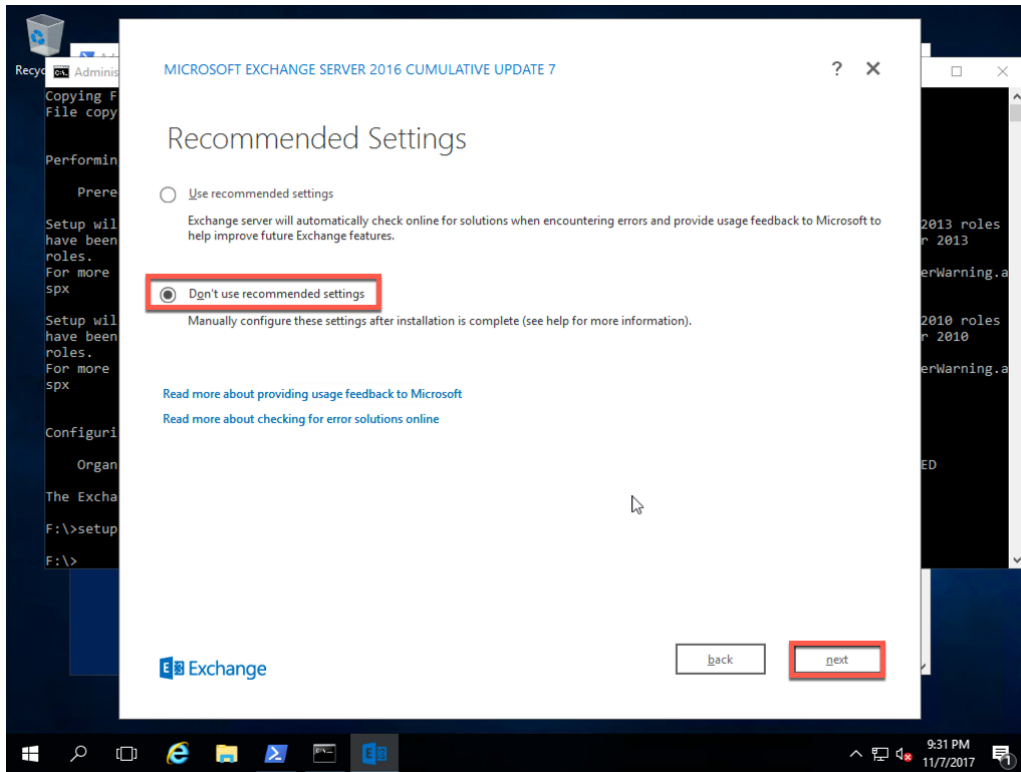
8. On the Server Role Selection window, check Mailbox role, and click Next.

9. On the Installation Space and Location window, browse to the path where you want to install Exchange (I'm putting this on E:\), then click Next.

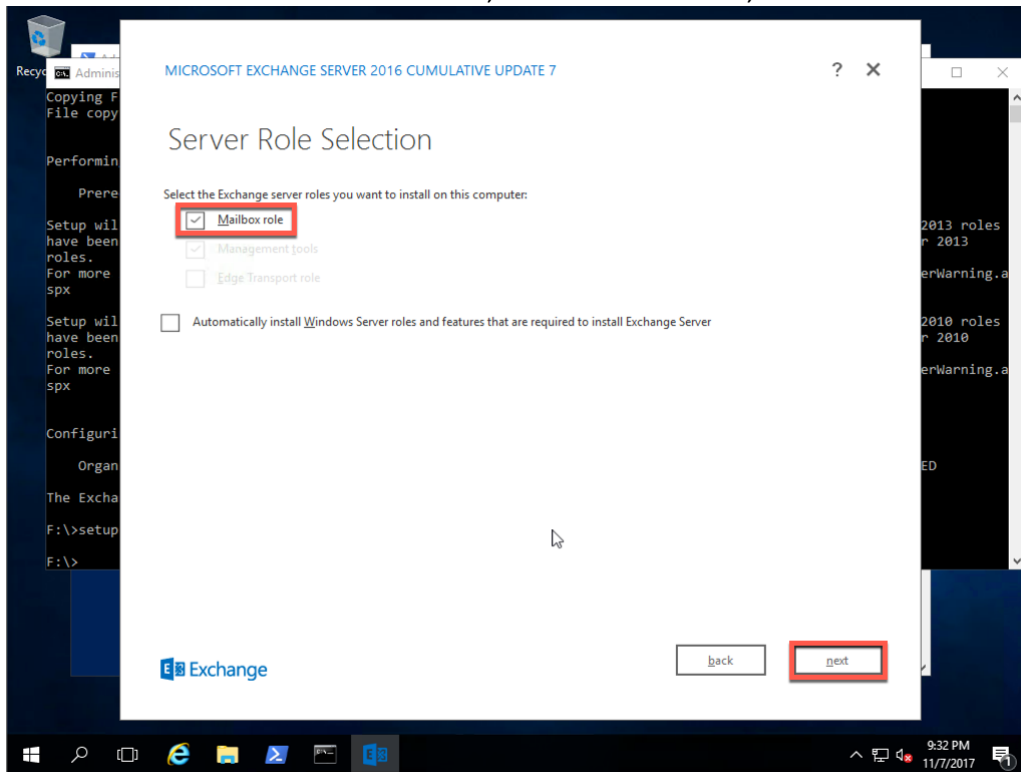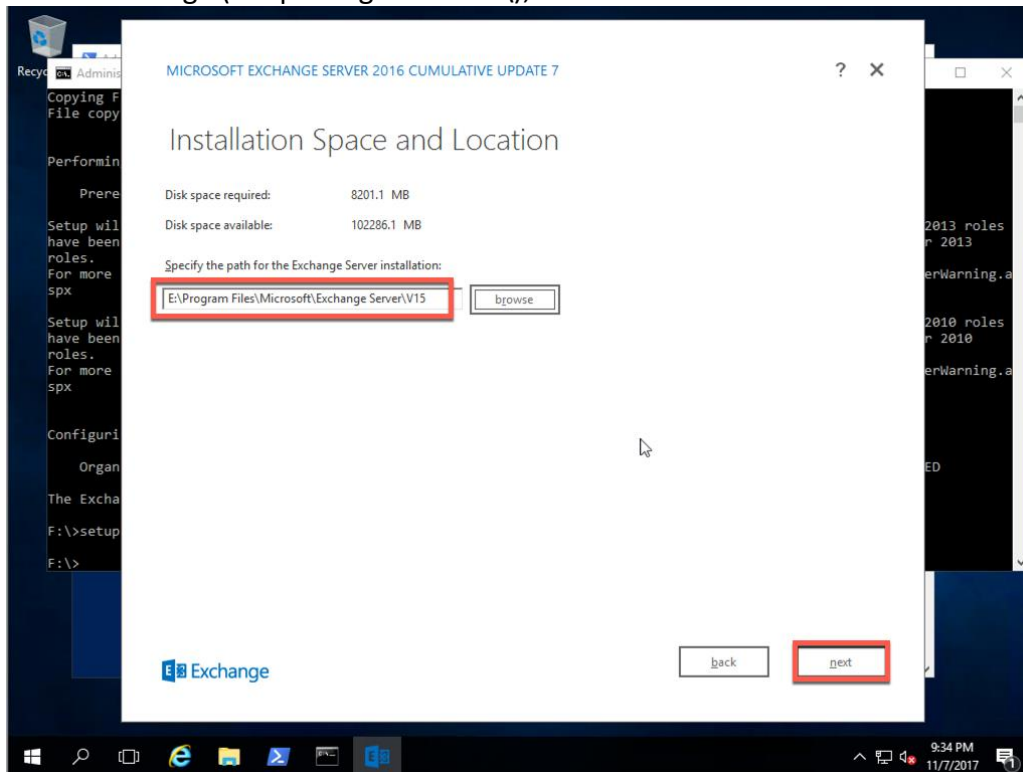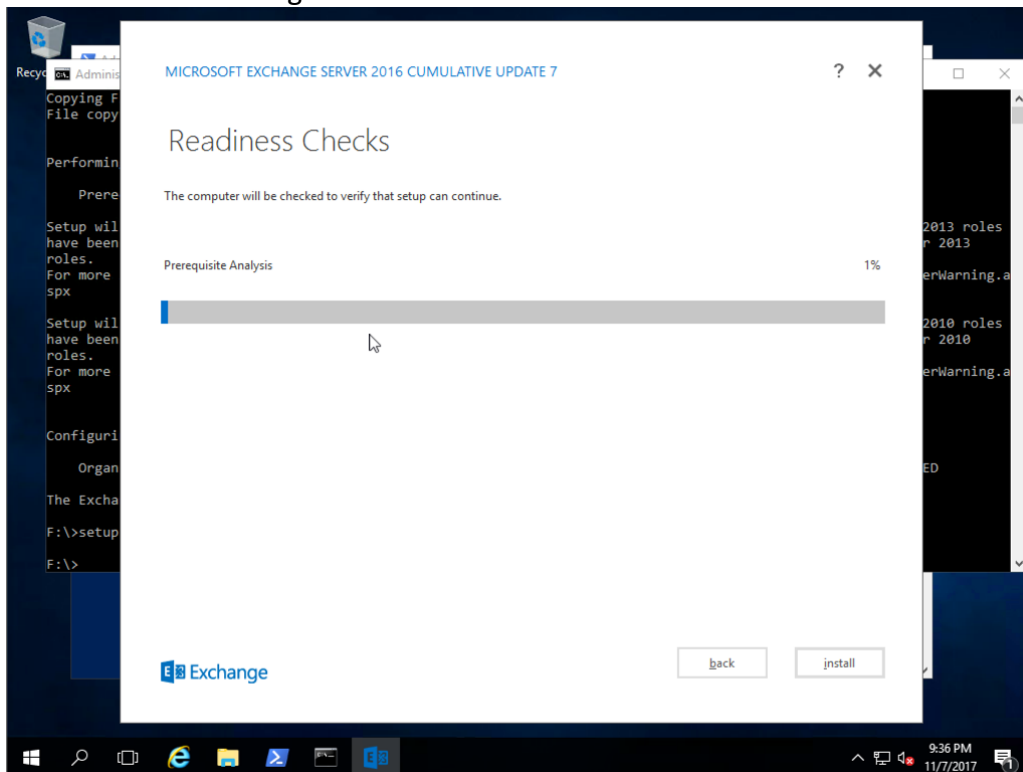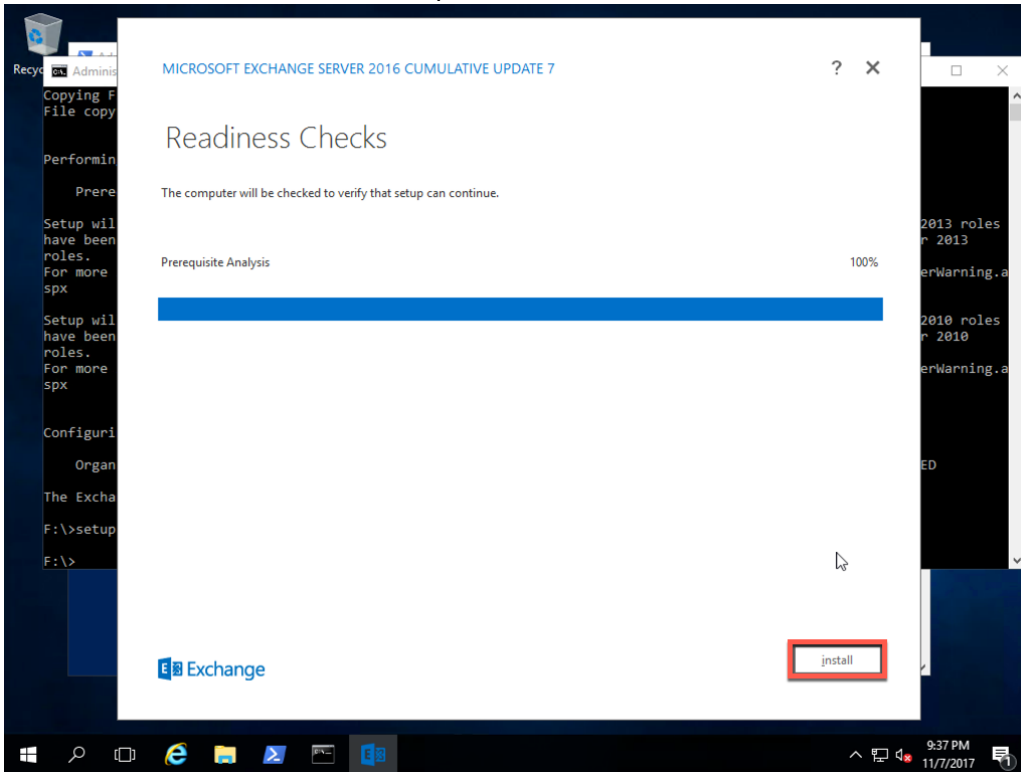10. On the Malware Protection Settings window, select Yes, then click Next.
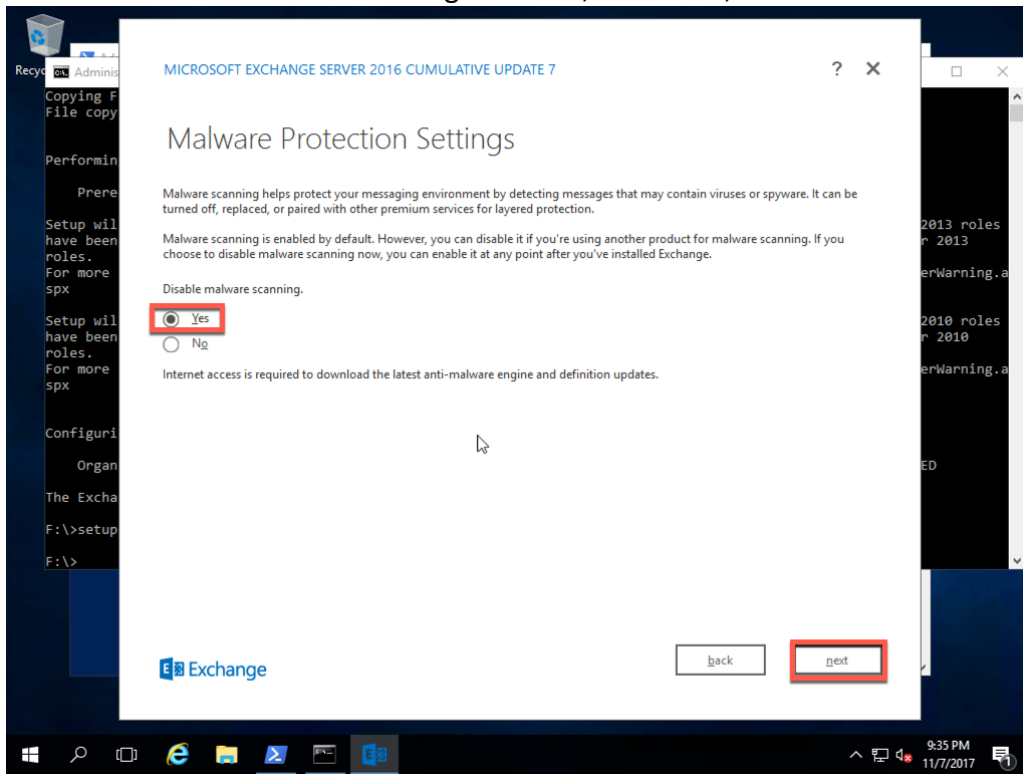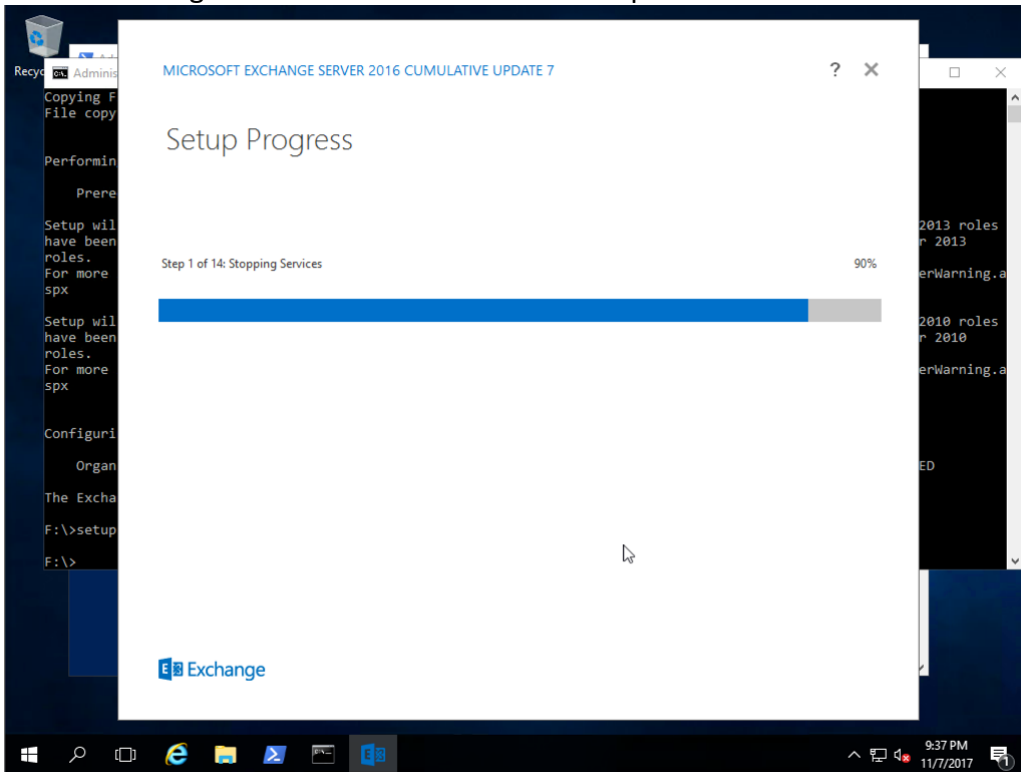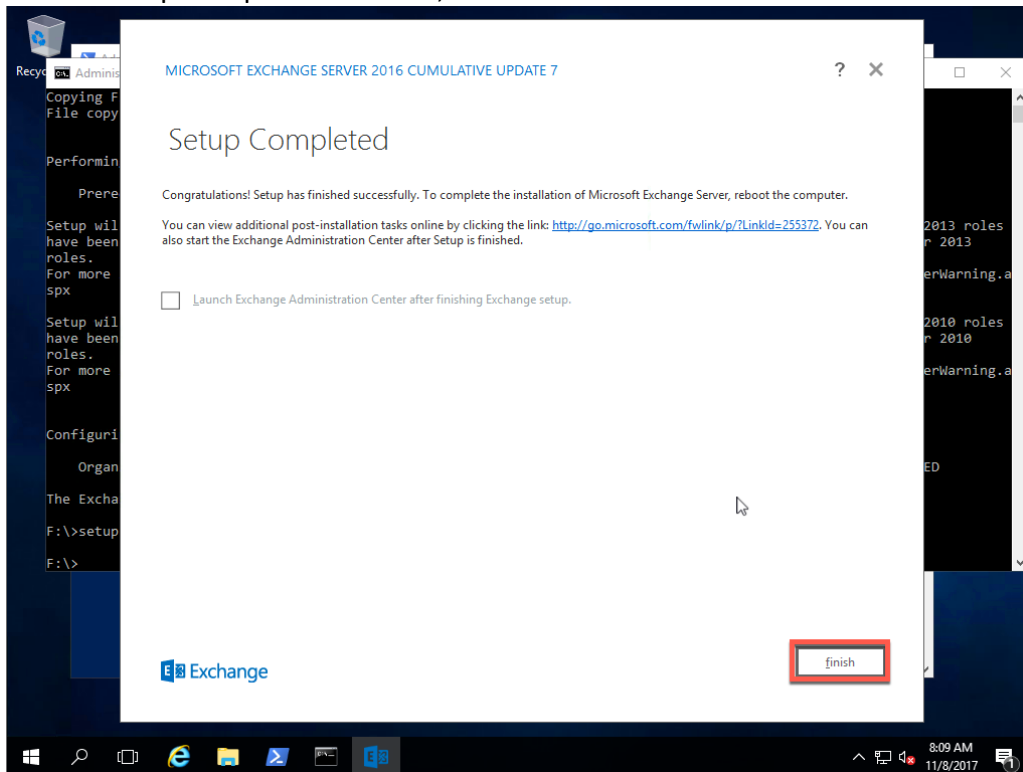

11. A Readiness Check begins.

12. Once the Readiness Check is complete, click Install.

13. Installation begins. This can take a while to complete.

14. On the Setup Completed window, click Finish.

15. Reboot the server to complete the install.

Installing Exchange on the Second Server

Installing Exchange on the second server is really pretty much the same as before, however, since we already have one server installed we do not have to prepare the schema or the domain. We will just begin with the setup. You must make sure the hard drive configurations are identical on the servers and that you install Exchange in the same path as you did on the first server.

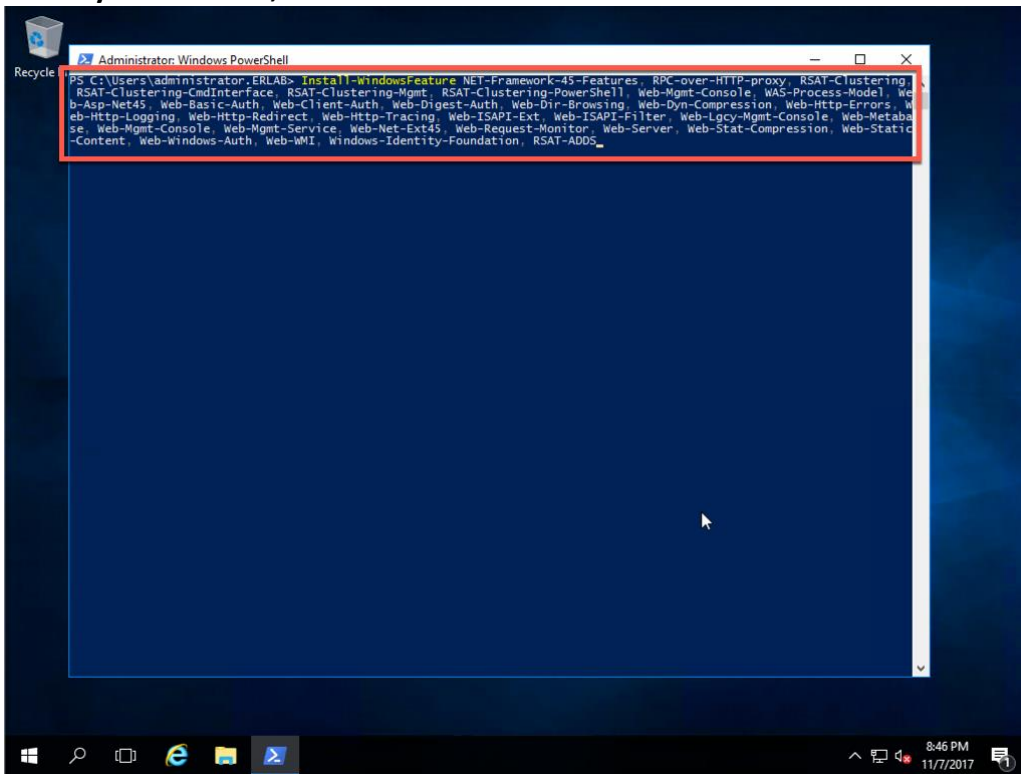1. Open PowerShell as an Administrator.
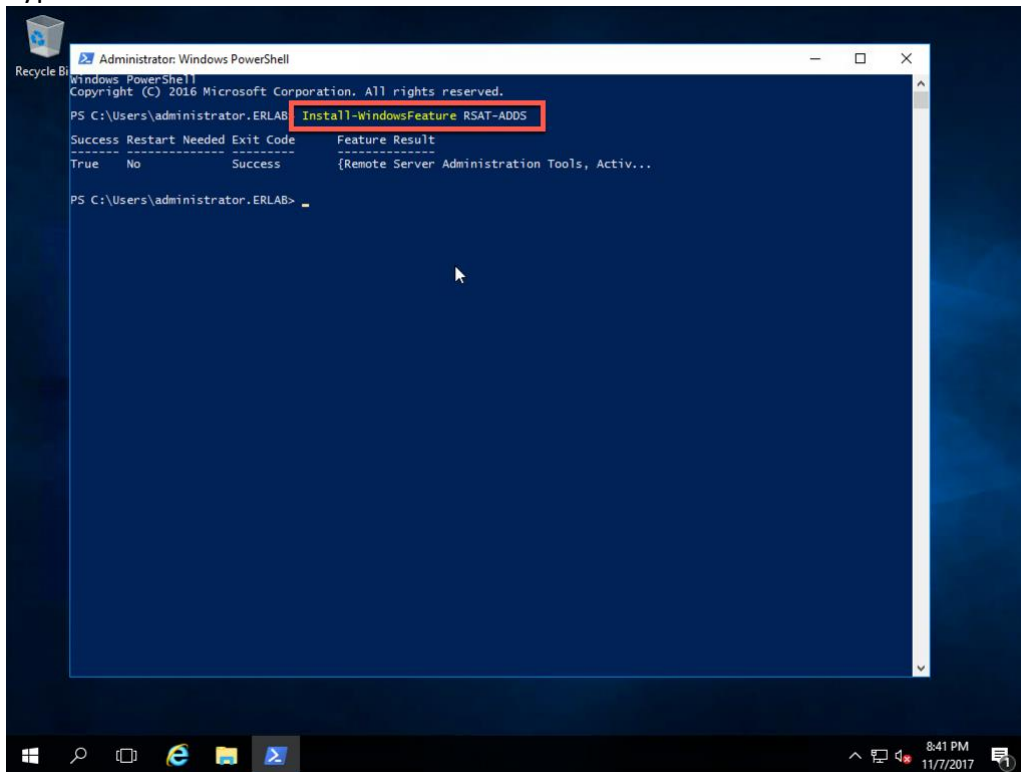
2. Type and enter: **Install-WindowsFeature RSAT-ADDS**

3. Type and enter: **Install-WindowsFeature 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-Stat-Compression, Web-Static-Content, Web-Windows-Auth, Web-WMI, Windows-**
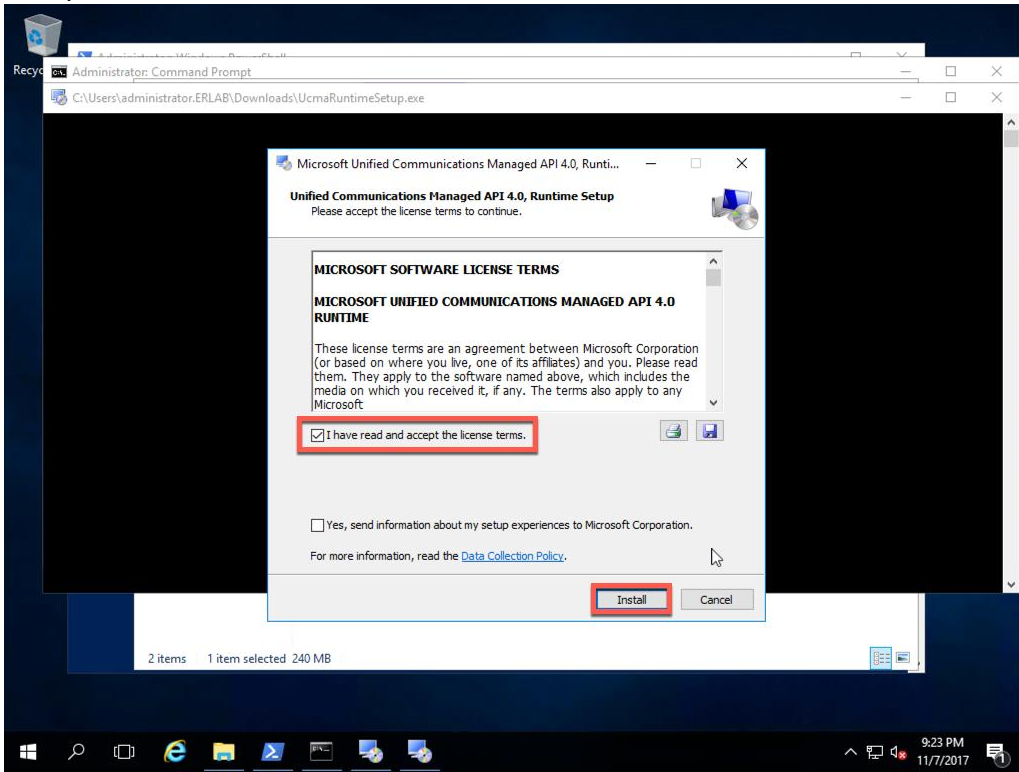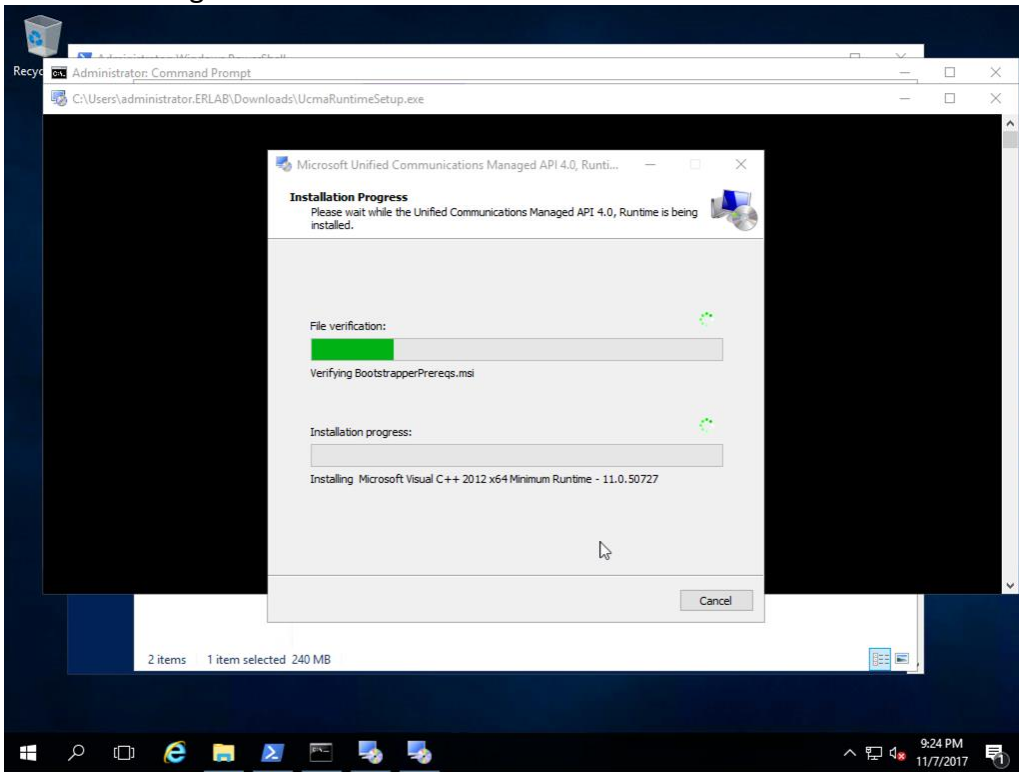
Identity-Foundation, RSAT-ADDS

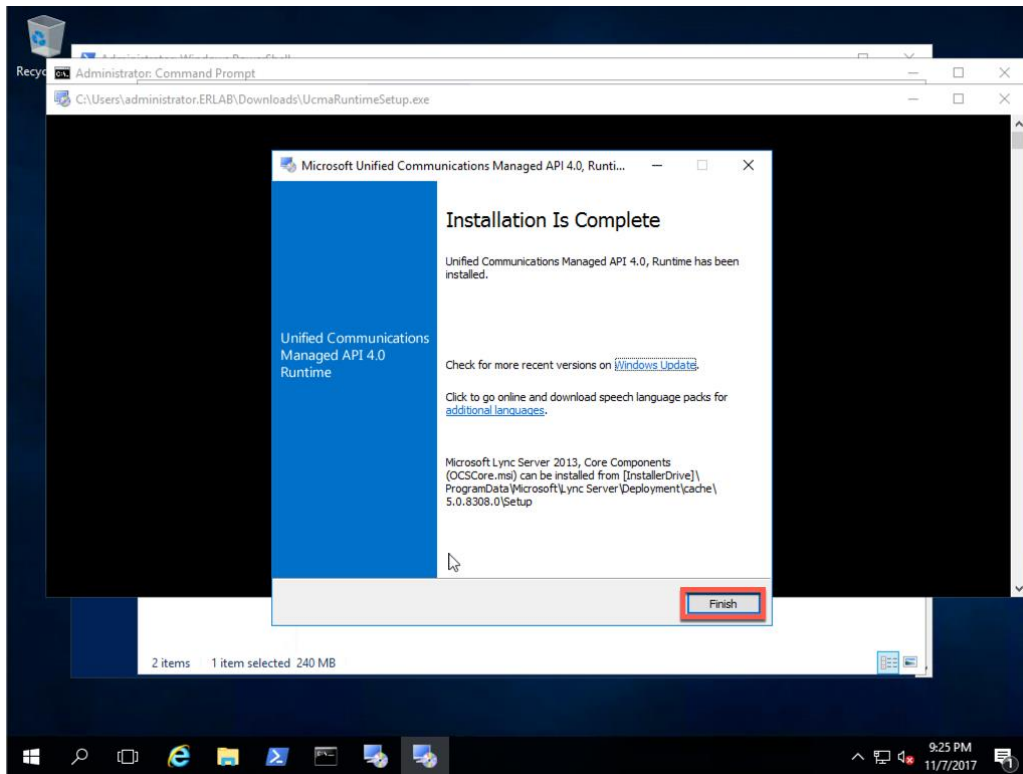4. Install of Unified Communications Managed API 4.0 Runtime.
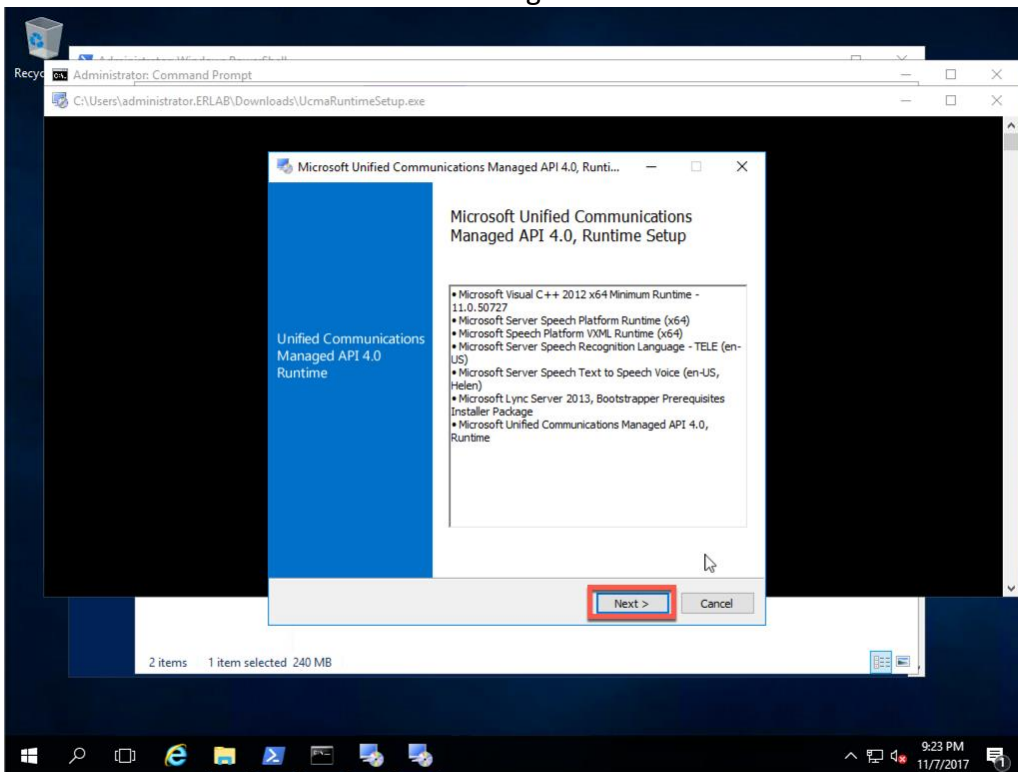
5. Accept the license and click Install.
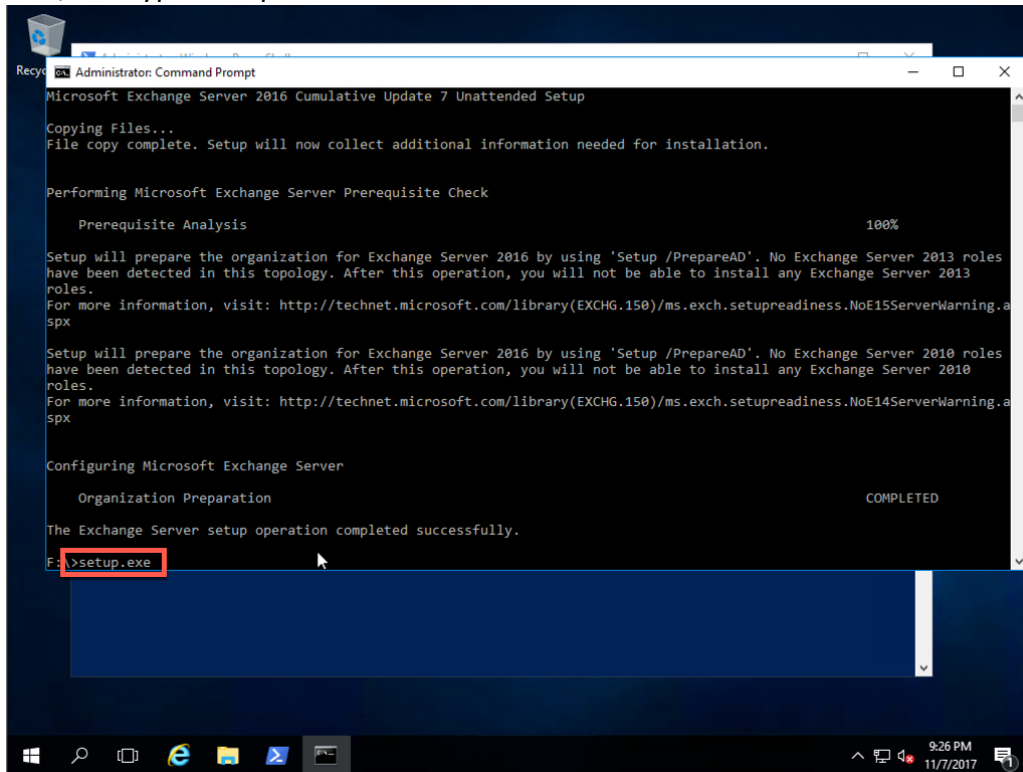

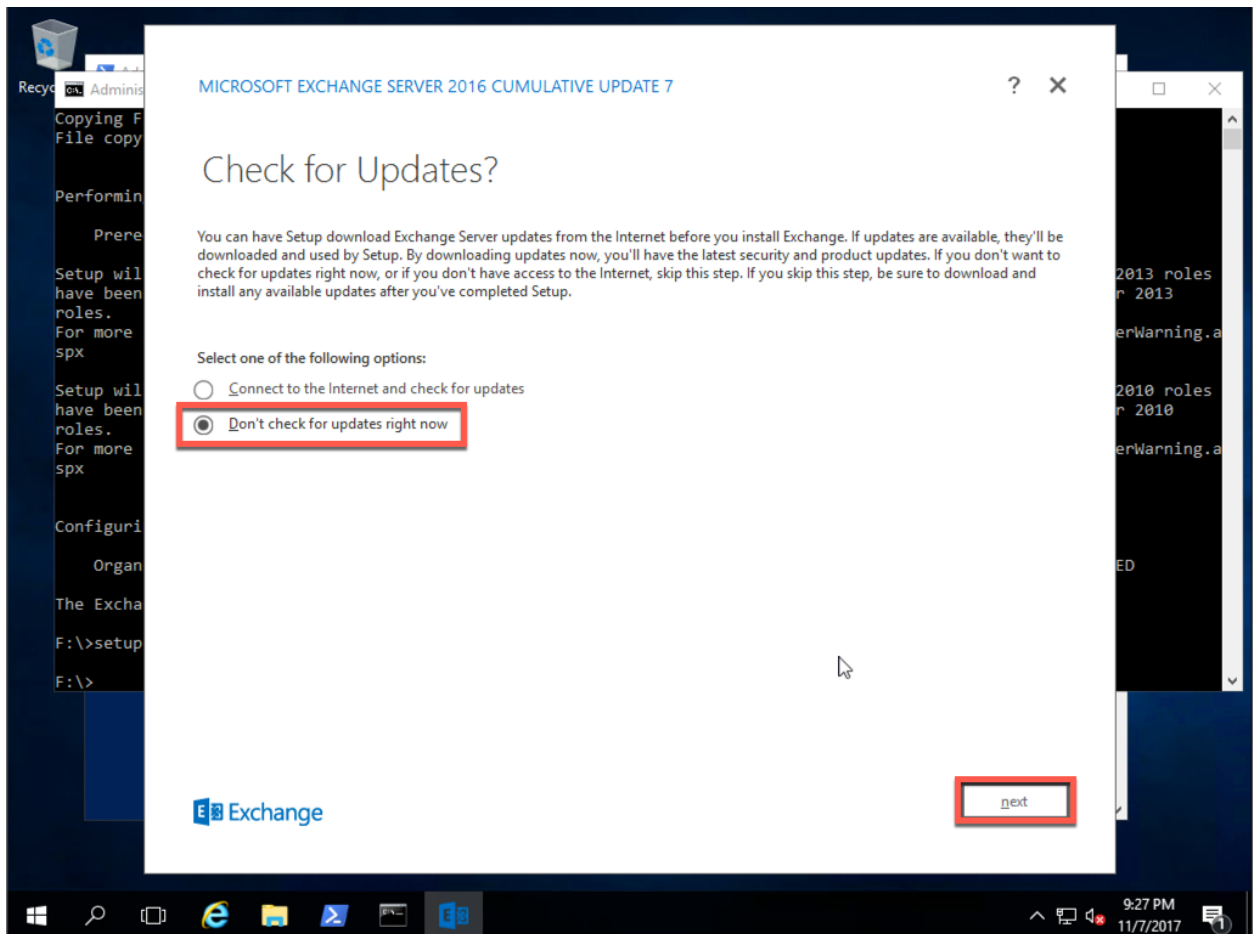6. Installation begins.

7. Click Finish.

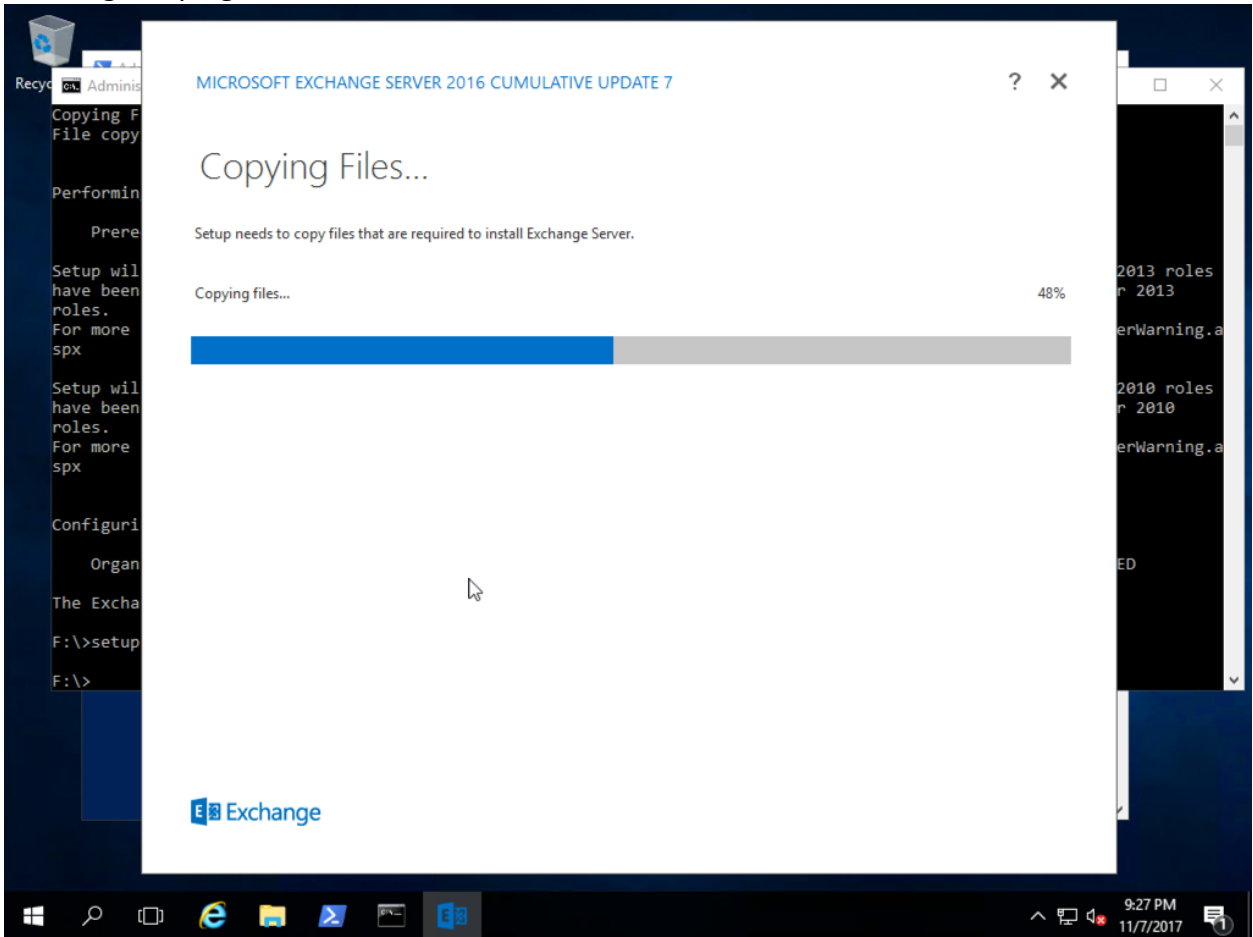8. Mount your Exchange 2016 media (in my case this will be the F:\ drive again).

9. Open Command Prompt as Administrator, change to the drive letter containing the install files, and type: setup.exe
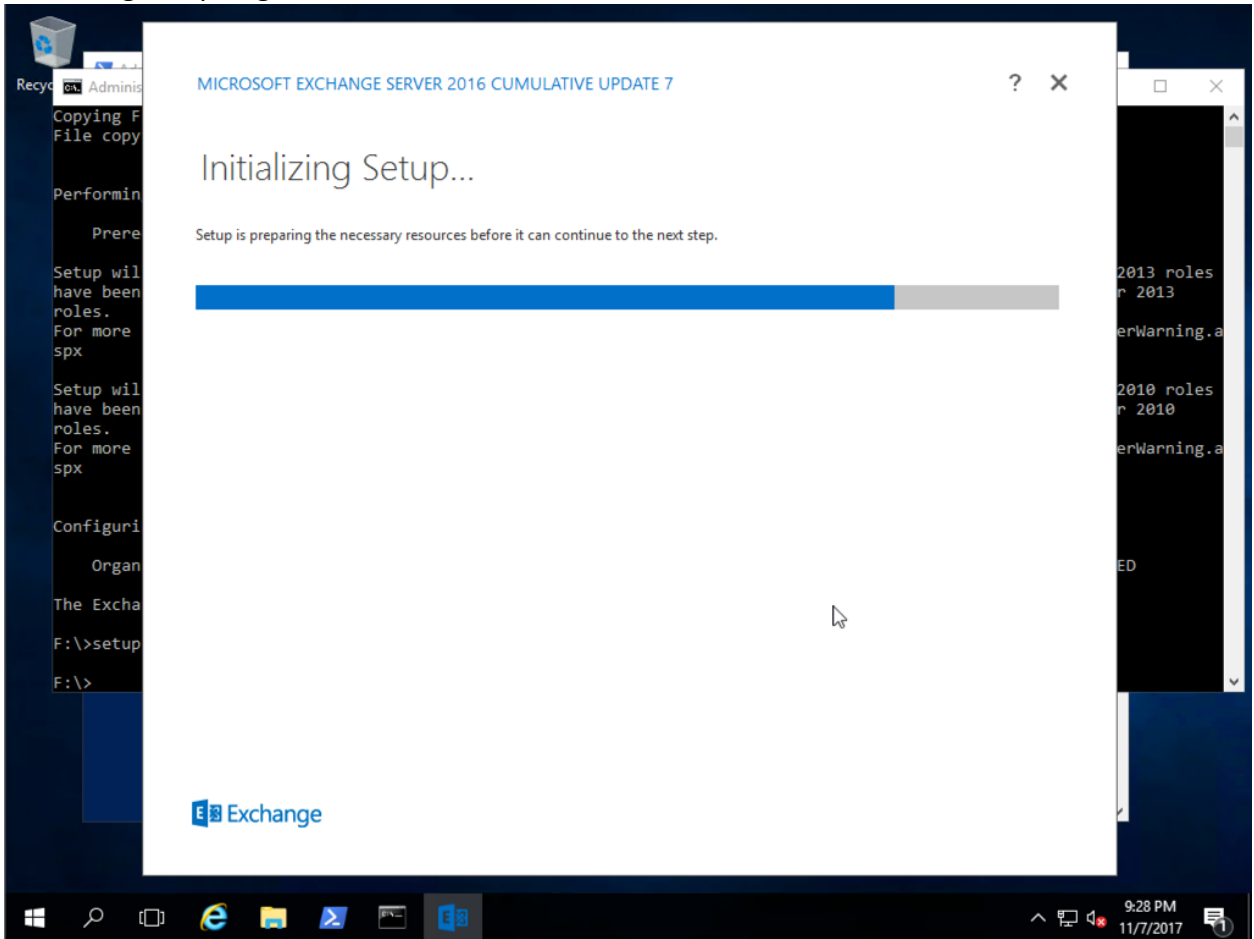
10. On the Check for Updates windows, select Don't check for updates right now, and click Next.
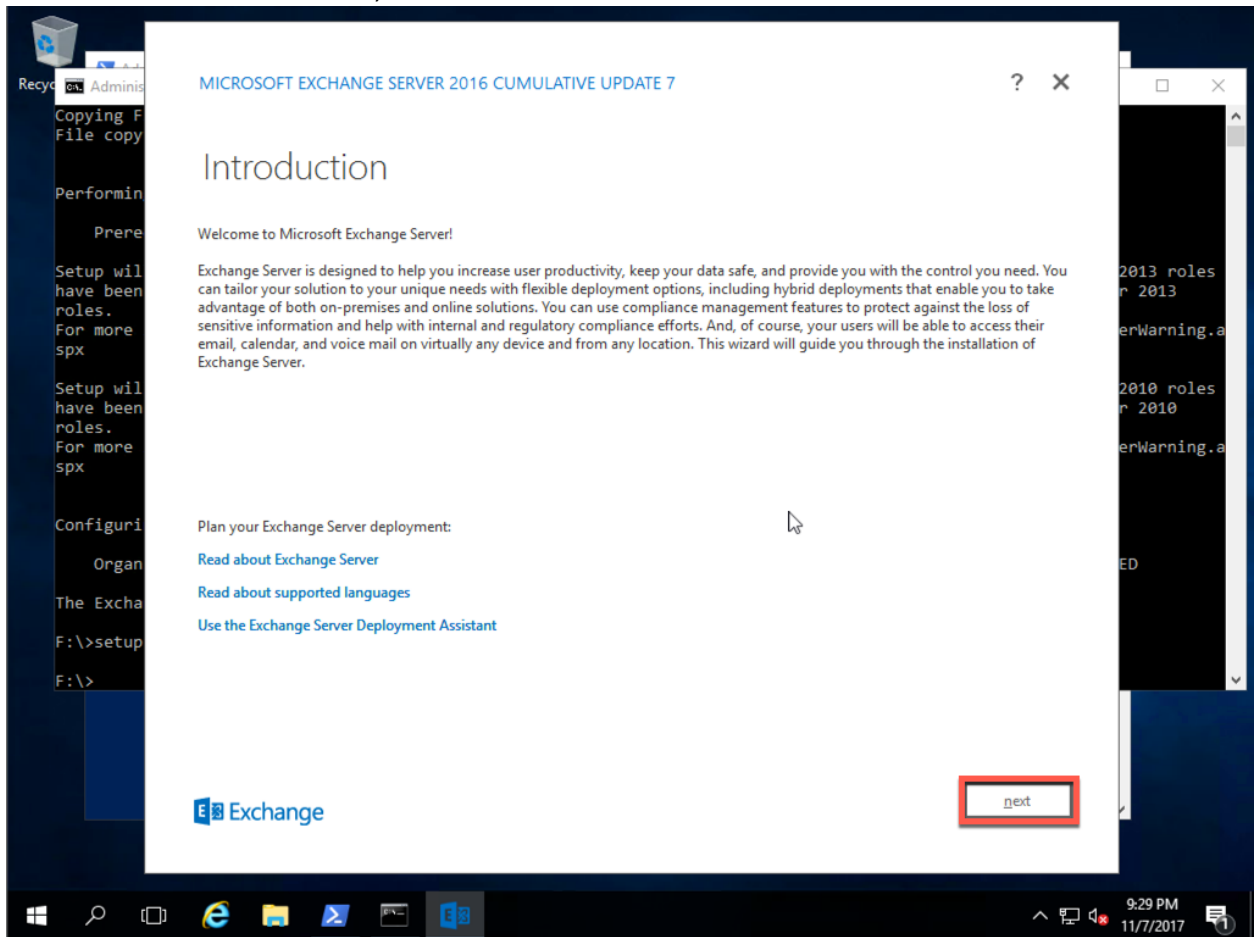
11. Files begin coping.
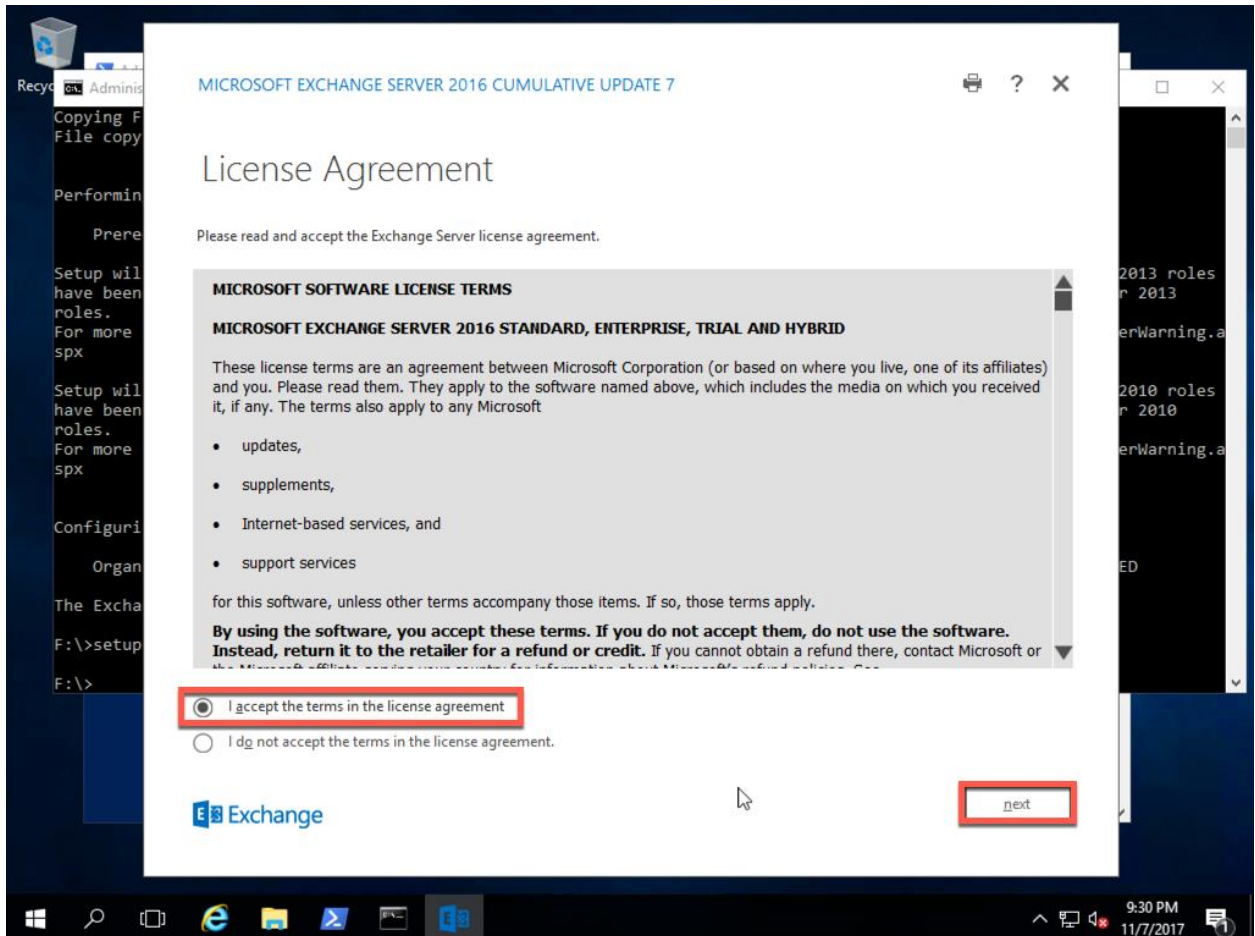
12. Initializing setup begins.

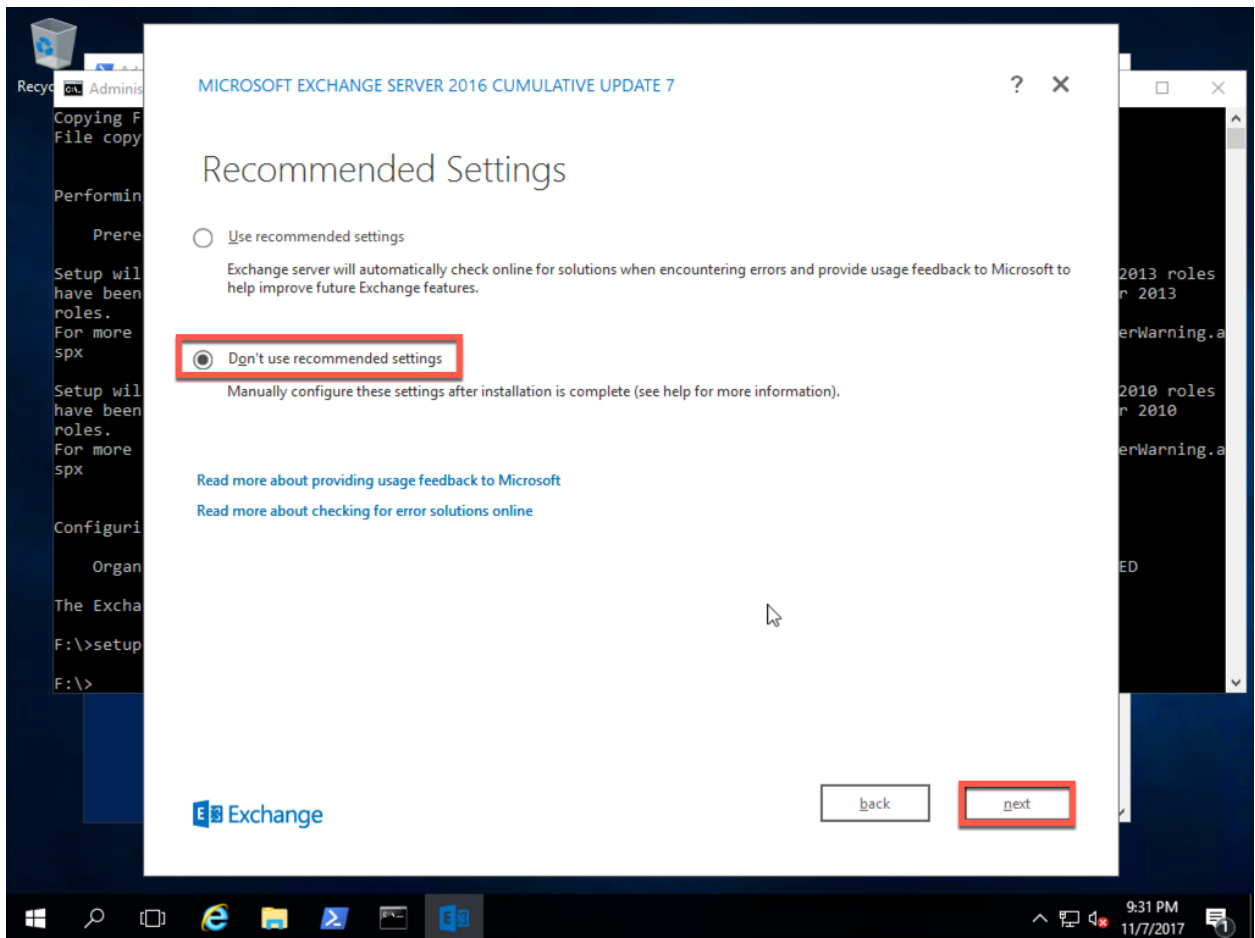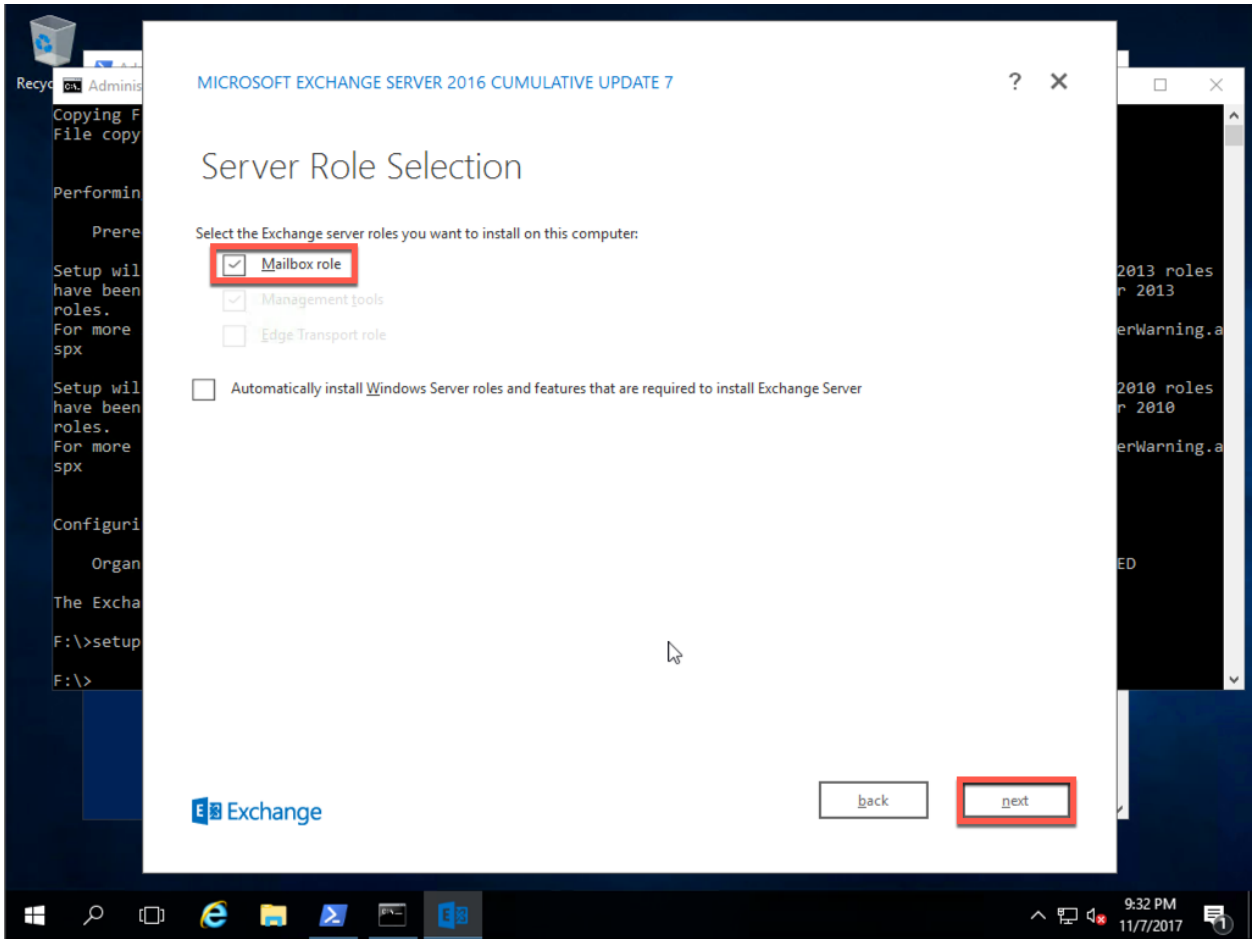13. On the Introduction window, click Next.

14. On the License Agreement window, select I accept the terms in the license agreement, and click Next.
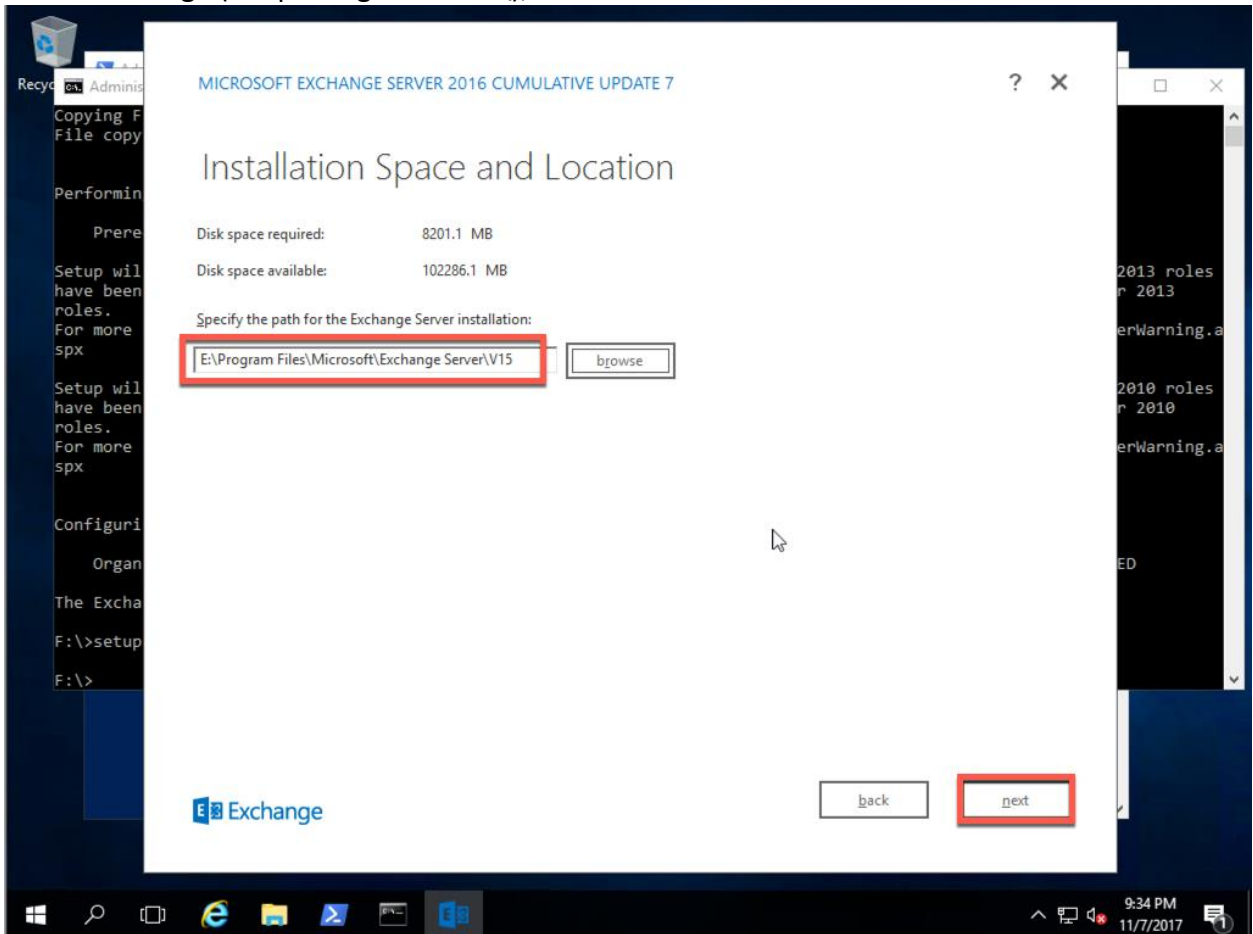
15. On the Recommended Settings window, select Don't use recommended settings, and click Next.
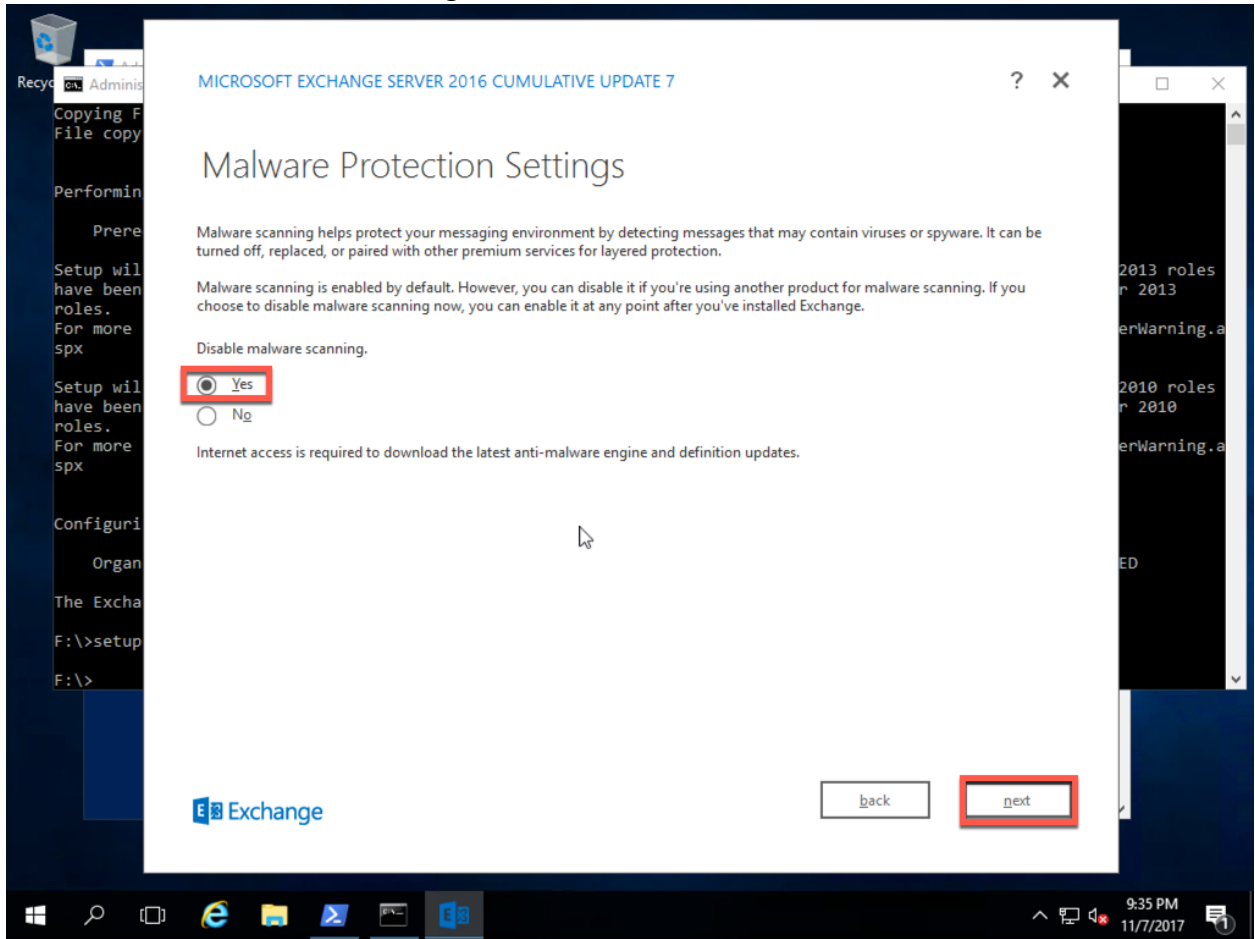
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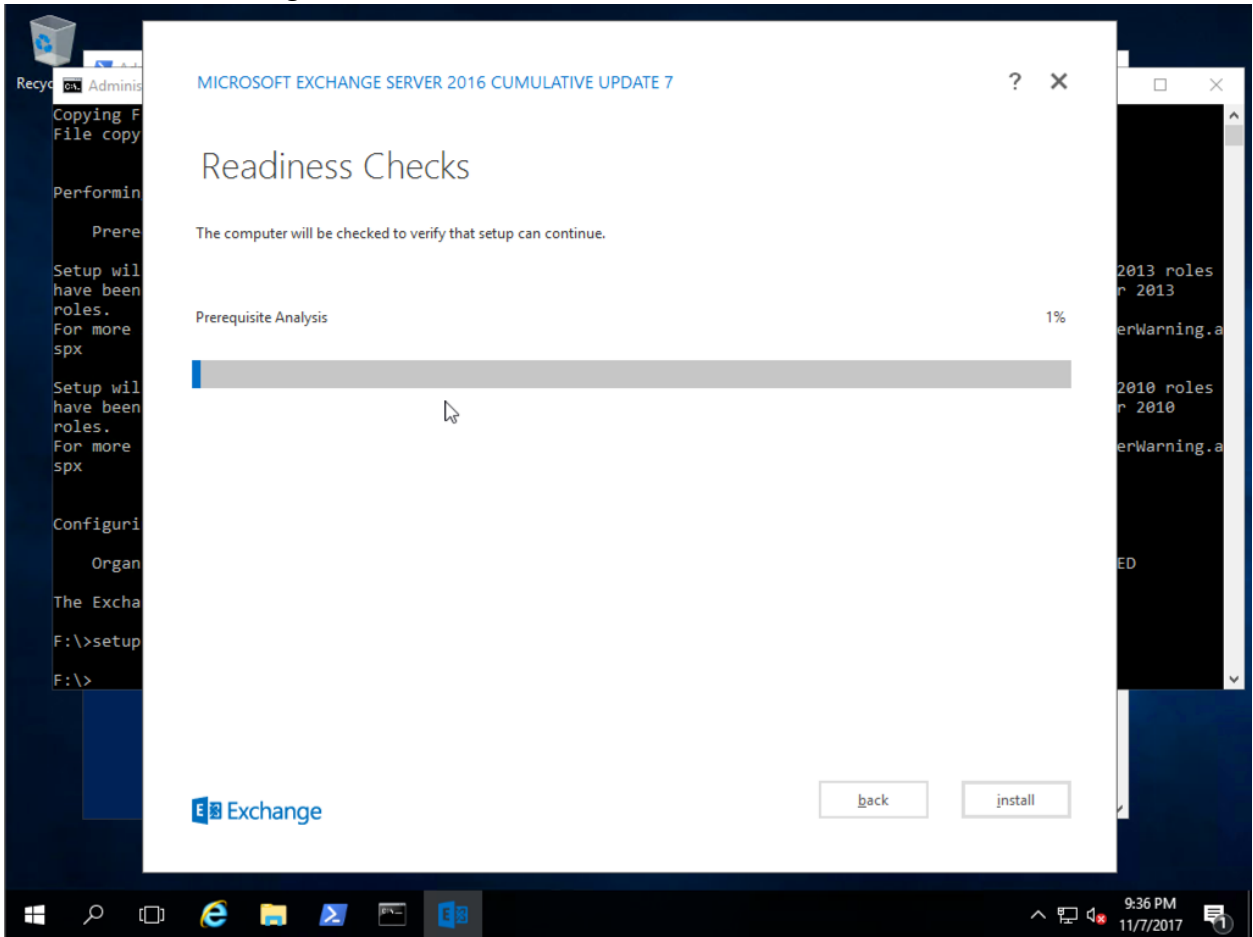
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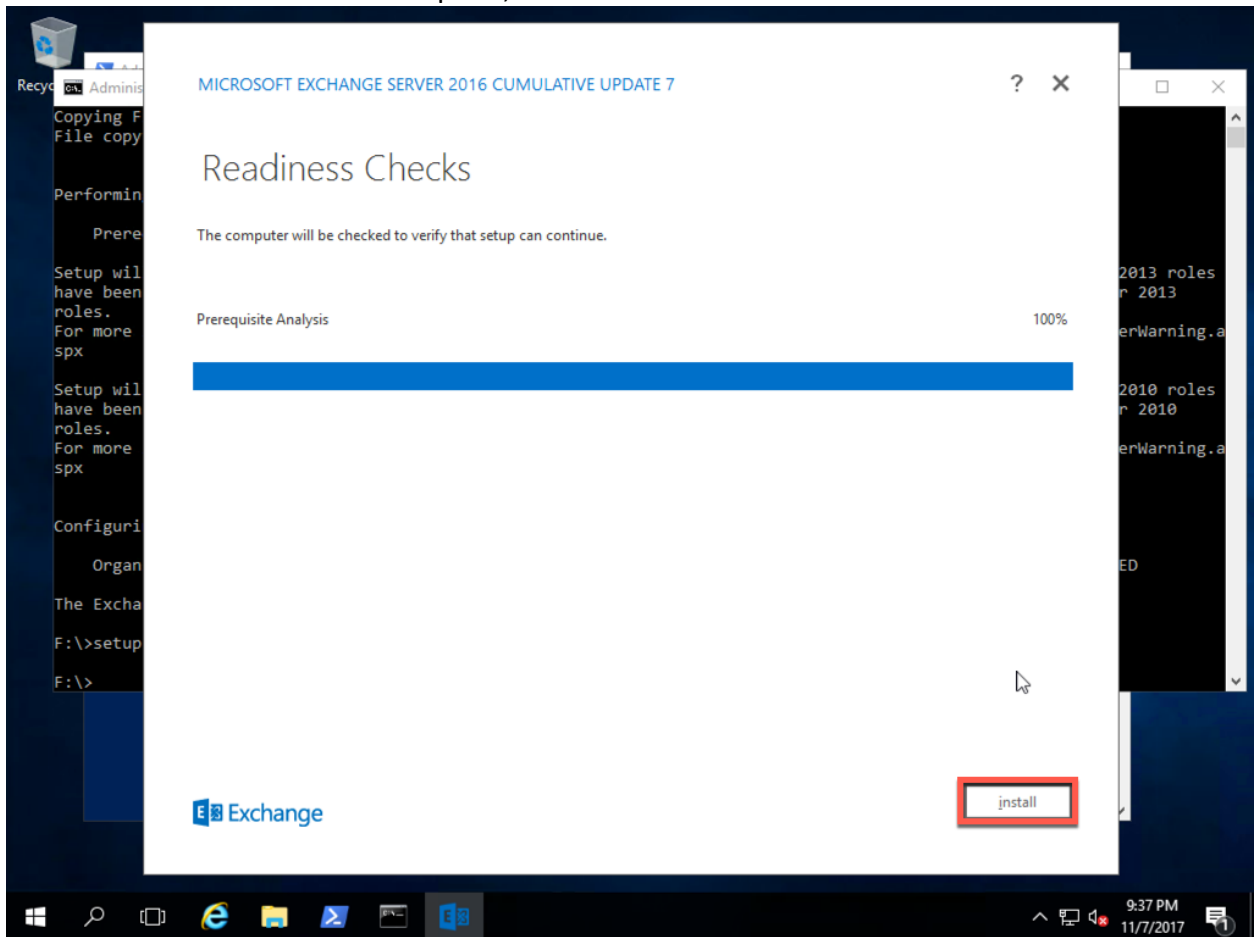
18. On the Malware Protection Settings window, select Yes, and click Next.
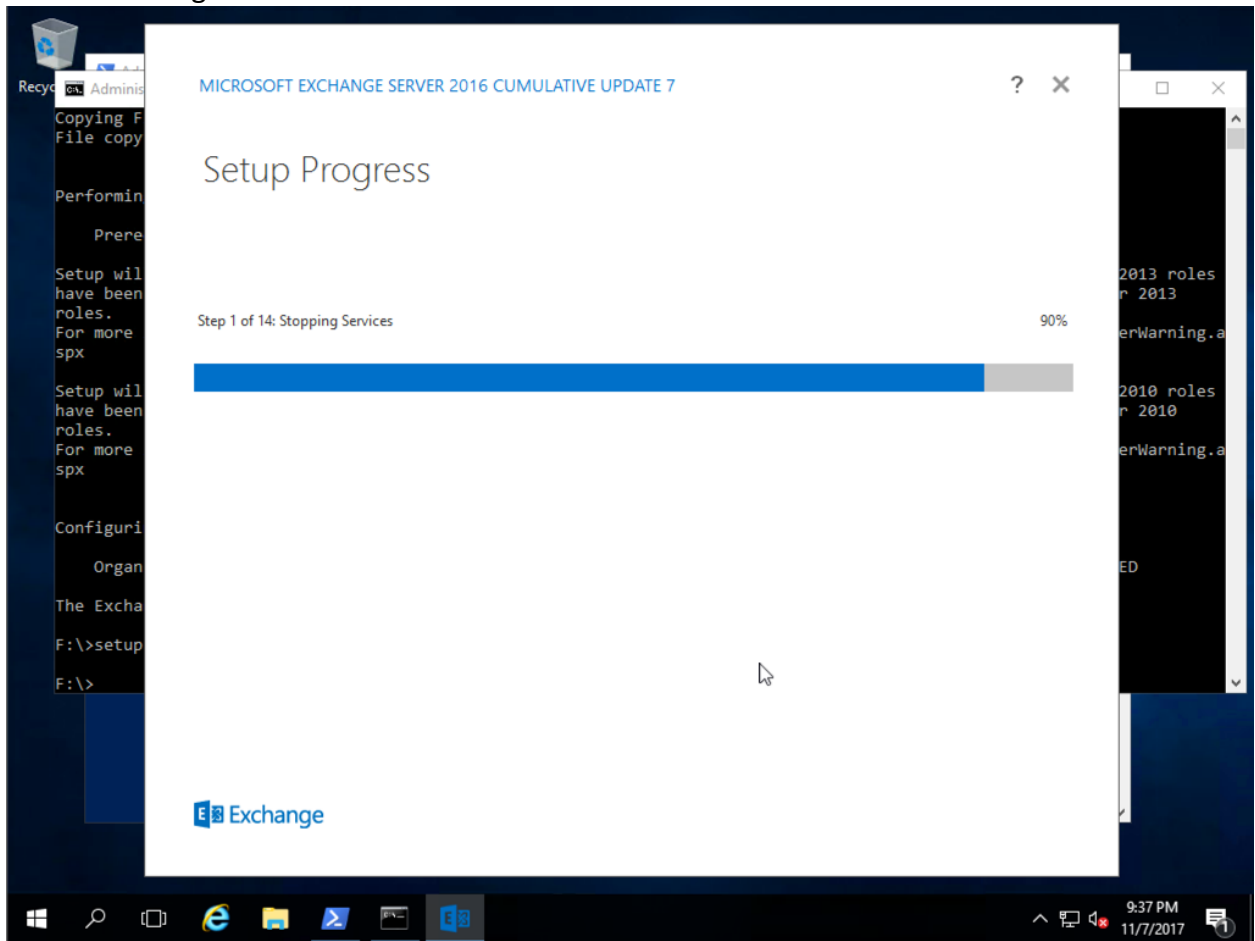
19. A Readiness Check begins.

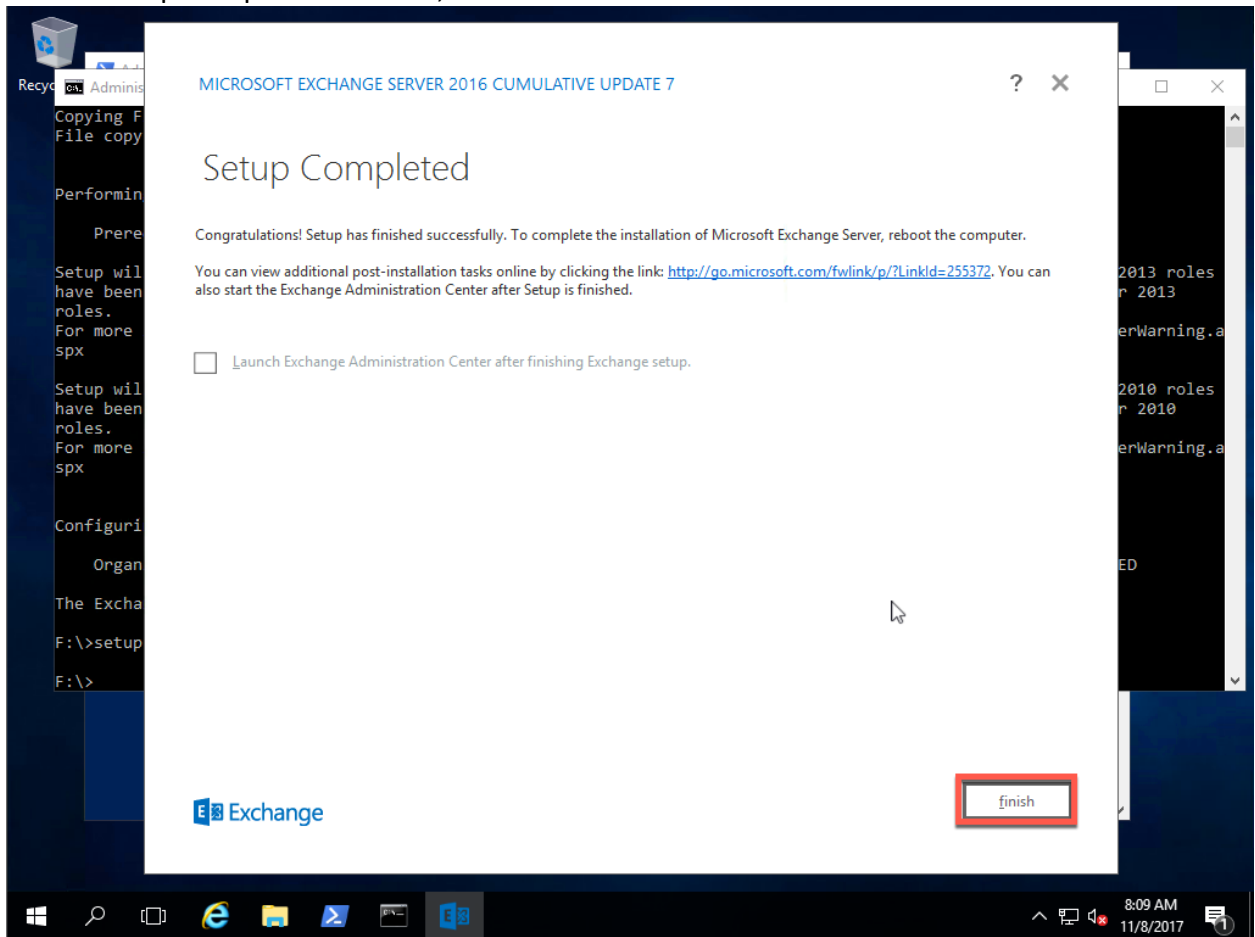20. Once the Readiness Check is complete, click Install.

21. Installation begins. This can take a while.

22. On the Setup Completed window, click Finish.

23. Restart the server to complete the install.