

# Install Exchange Server 2013 SP1 in Windows Server 2012 R2



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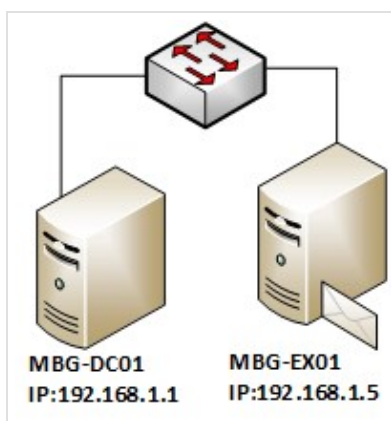
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Microsoft released **Exchange Server 2013 SP1** on Feb 25, 2014. With the release of Edge Transport server role, Exchange 2013 is finally a complete product. Exchange 2013 now has total of three roles, **Mailbox** server role, **Client Access** server role and **Edge Transport** server role. Exchange 2013 SP 1 also introduced many **new features**. In this post, I will show steps to install Exchange Server 2013 SP1 in **Windows Server 2012 R2**.

## Install Exchange Server 2013 SP1 in Windows Server 2012 R2

Here, I will install Mailbox server role and Client Access server role on same server. There are different set of **prerequisites you must follow** depending upon your scenario before you can install Exchange 2013 SP1, so make sure you follow them. This scenario is pretty straight forward with single **Domain Controller (MBG-DC01)** and single **Exchange Server (MBG-EX01)** as shown in the diagram below.



Prerequisites of this type of installation are: –

1. The Active Directory forest functional level must be at least Server 2003.
2. The Active Directory site must contain at least one Global Catalog server and a writable domain controller.
3. Exchange Server must be member of Domain Controller.
4. Perform Windows Update and reboot the Mail Server.
5. Install .NET Framework 4.5 and Windows Management Framework 4.0 in Mail Server. In most cases, this feature is installed by default.

Before beginning the installation of **Exchange 2013 SP1**, let's install some pre-requisite applications. At first, install the remote server administration toolkit and other required components in mail server. Log on to Exchange server and open powershell. Type *Install-WindowsFeature RSAT-ADDS* to install RSAT tool as shown below.

```

Administrator: Windows PowerShell
Windows PowerShell
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PS C:\Users\Administrator.MUSTBEGEEK> Install-WindowsFeature RSAT-ADDS

Success Restart Needed Exit Code      Feature Result
-----
True      No           Success      {Remote Server Administration Tools, Activ...
WARNING: Windows automatic updating is not enabled. To ensure that your newly-installed role or feature is
automatically updated, turn on Windows Update.

PS C:\Users\Administrator.MUSTBEGEEK> Install-WindowsFeature AS-HTTP-Activation, Desktop-Experience, NET-Framework-45-Fe
atures, RPC-over-HTTP-proxy, RSAT-Clustering, RSAT-Clustering-CmdInterface, RSAT-Clustering-Mgmt, RSAT-Clustering-PowerS
hell, Web-Mgmt-Console, WAS-Process-Model, Web-Asp-Net45, Web-Basic-Auth, Web-Client-Auth, Web-Digest-Auth, Web-Dir-Brow
sing, Web-Dyn-Compression, Web-Http-Errors, Web-Http-Logging, Web-Http-Redirect, Web-Http-Tracing, Web-ISAPI-Ext, Web-IS
API-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

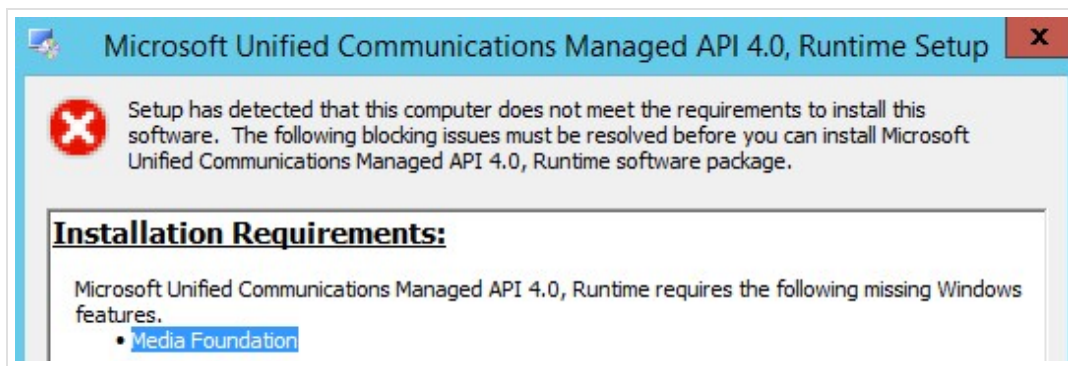
Success Restart Needed Exit Code      Feature Result
-----
True      Yes          SuccessRest... {Application Server, HTTP Activation, .NET...
WARNING: You must restart this server to finish the installation process.
WARNING: Windows automatic updating is not enabled. To ensure that your newly-installed role or feature is
automatically updated, turn on Windows Update.
  
```

Now, run the following command in Windows PowerShell to install other required components.

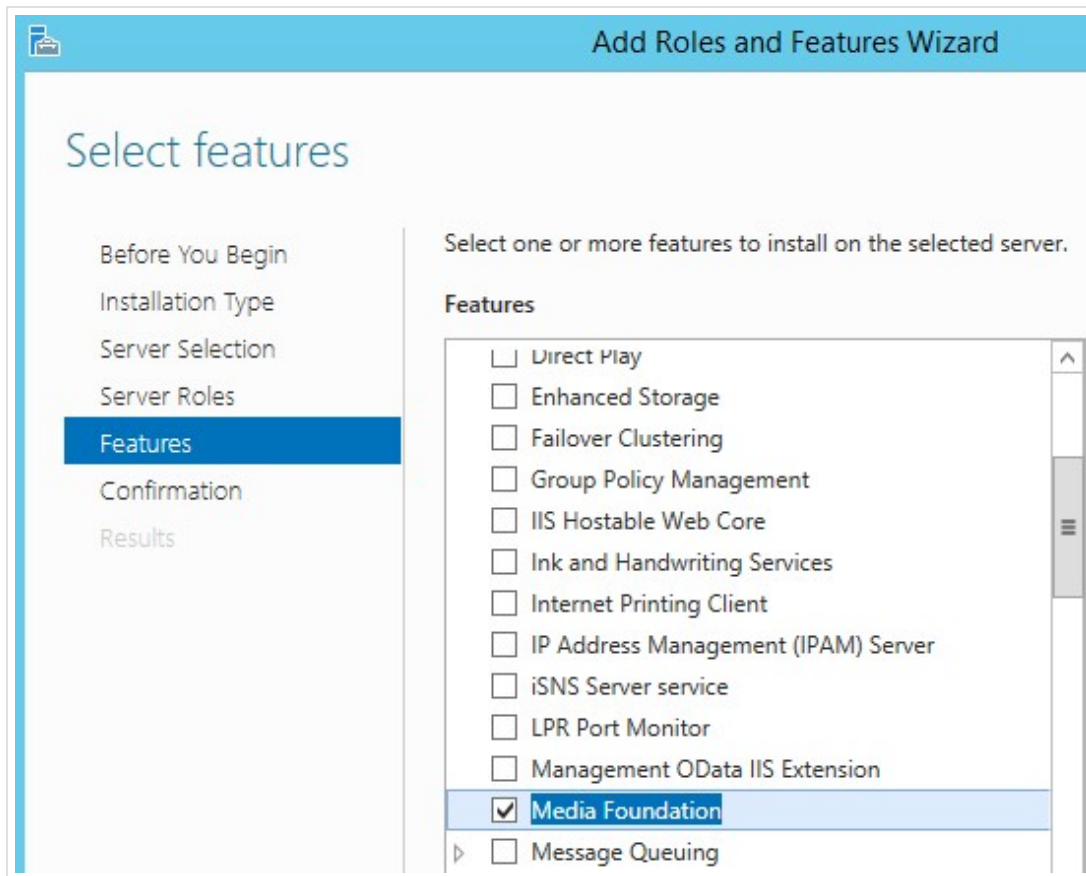
```

Install-WindowsFeature AS-HTTP-Activation, Desktop-Experience, 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
  
```

**Download** and install Microsoft Unified Communications Managed API 4.0, Core Runtime 64-bit in Mail Server. I got an error when I tried to install this application.



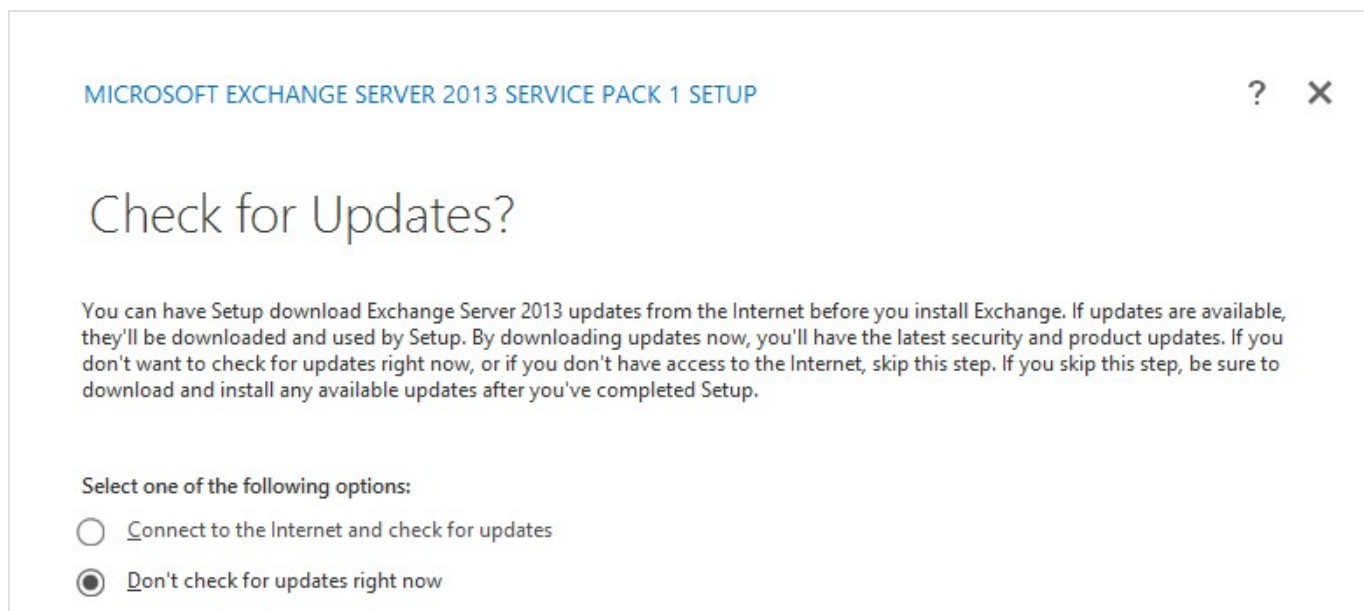
To fix this error, install media foundation feature from **Server Manager**.



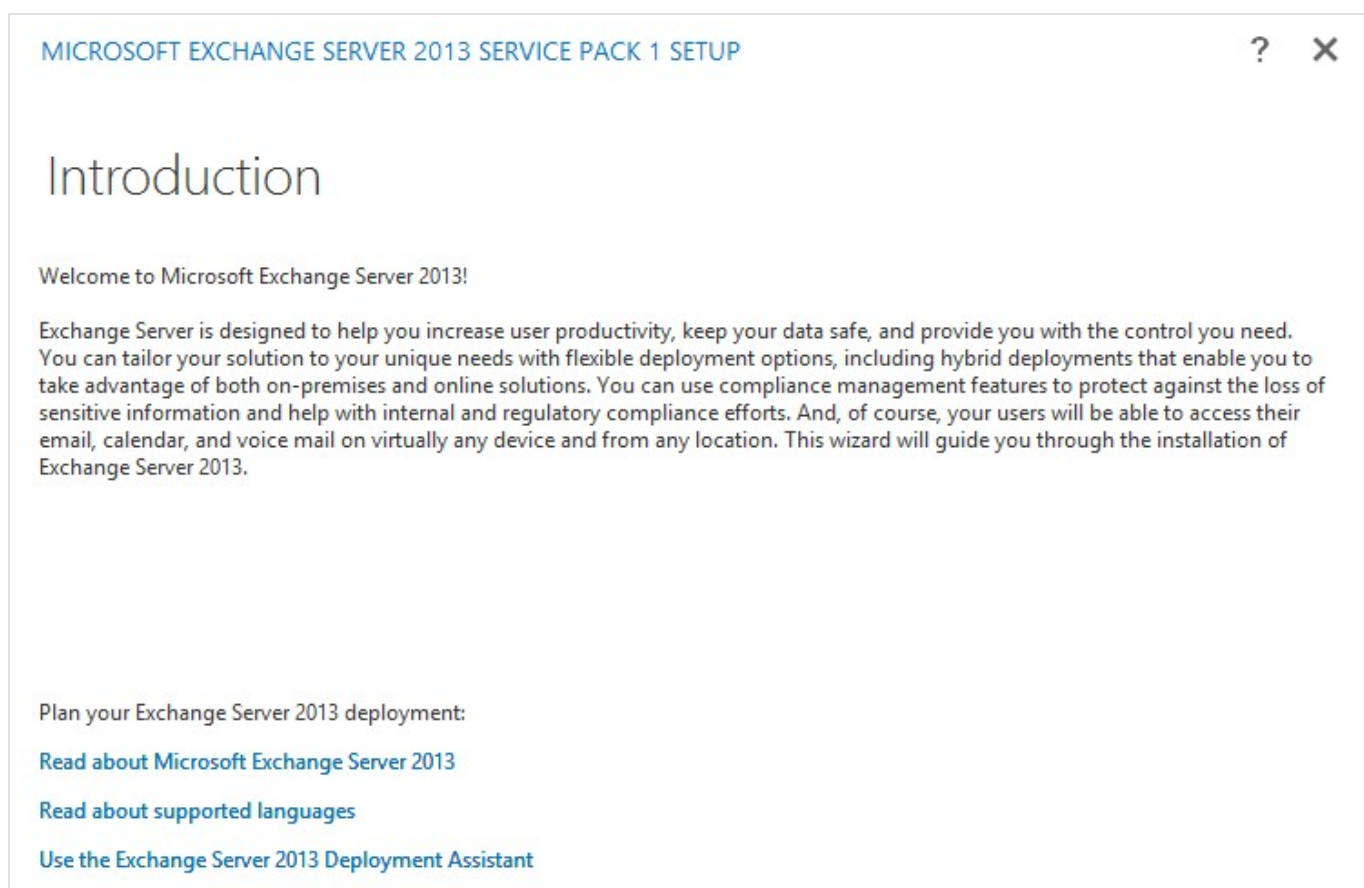
Now try installing Microsoft Unified Communications Managed API 4.0 again. After installing all the prerequisites, let's begin the installation of Exchange 2013 SP1.

## Exchange 2013 SP1 Installation Steps

Now run the Exchange 2013 SP1 installer. The setup will try to get Exchange updates, you can check and download the updates. But here, I will ignore and click **Next**.



The setup will now take some time to copy the installation files and following Introduction page will appear. Read the page and click **Next**.



Now you are asked to accept license agreement. Choose I accept and click **Next**.



MICROSOFT EXCHANGE SERVER 2013 SERVICE PACK 1 SETUP


License Agreement

Please read and accept the Exchange Server 2013 license agreement.

**MICROSOFT SOFTWARE LICENSE TERMS**  
**MICROSOFT EXCHANGE SERVER 2013 STANDARD, ENTERPRISE, TRIAL AND HYBRID**  
These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft  

- updates,
- supplements,
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- support services

for this software, unless other terms accompany those items. If so, those terms apply.  
**By using the software, you accept these terms. If you do not accept them, do not use the software. Instead, return it to the retailer for a refund or credit.** If you cannot obtain a refund there, contact Microsoft or the Microsoft affiliate serving your country for information about Microsoft's refund policy. See  
☒ I acccept the terms in the license agreement  
☐ I do not accept the terms in the license agreement.

 next

Here, do not choose the recommended settings and click **Next**.

MICROSOFT EXCHANGE SERVER 2013 SERVICE PACK 1 SETUP ? X

## Recommended Settings

☐ Use recommended settings

Exchange server will automatically check online for solutions when encountering errors and provide usage feedback to Microsoft to help improve future Exchange features.

☒ Don't use recommended settings

Manually configure these settings after installation is complete (see help for more information).

[Read more about providing usage feedback to Microsoft](#)

[Read more about checking for error solutions online](#)

Choose Exchange Server roles and click **Next**. Here, I will choose Mailbox server role and Client Access server role.

MICROSOFT EXCHANGE SERVER 2013 SERVICE PACK 1 SETUP ? X

## Server Role Selection

Select the Exchange server roles you want to install on this computer:

☒ Mailbox role

☒ Client Access role

☐ Management tools

☐ Edge Transport role

☒ Automatically install Windows Server roles and features that are required to install Exchange Server

Point the installation location and click **Next**. Choose other than C: drive. But here, I will choose the default.

MICROSOFT EXCHANGE SERVER 2013 SERVICE PACK 1 SETUP

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✕

## Installation Space and Location

Disk space required: 8013 MB

Disk space available: 83148.2 MB

Specify the path for the Exchange Server installation:

Type the name for this Exchange organization. This could be your organization name. I will type MustBeGeek and click **Next**. Choose not to disable malware protection and click **Next**.

MICROSOFT EXCHANGE SERVER 2013 SERVICE PACK 1 SETUP

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✕

## Malware Protection Settings

Malware scanning helps protect your messaging environment by detecting messages that may contain viruses or spyware. It can be turned off, replaced, or paired with other premium services for layered protection.

Malware scanning is enabled by default. However, you can disable it if you're using another product for malware scanning. If you choose to disable malware scanning now, you can enable it at any point after you've installed Exchange.

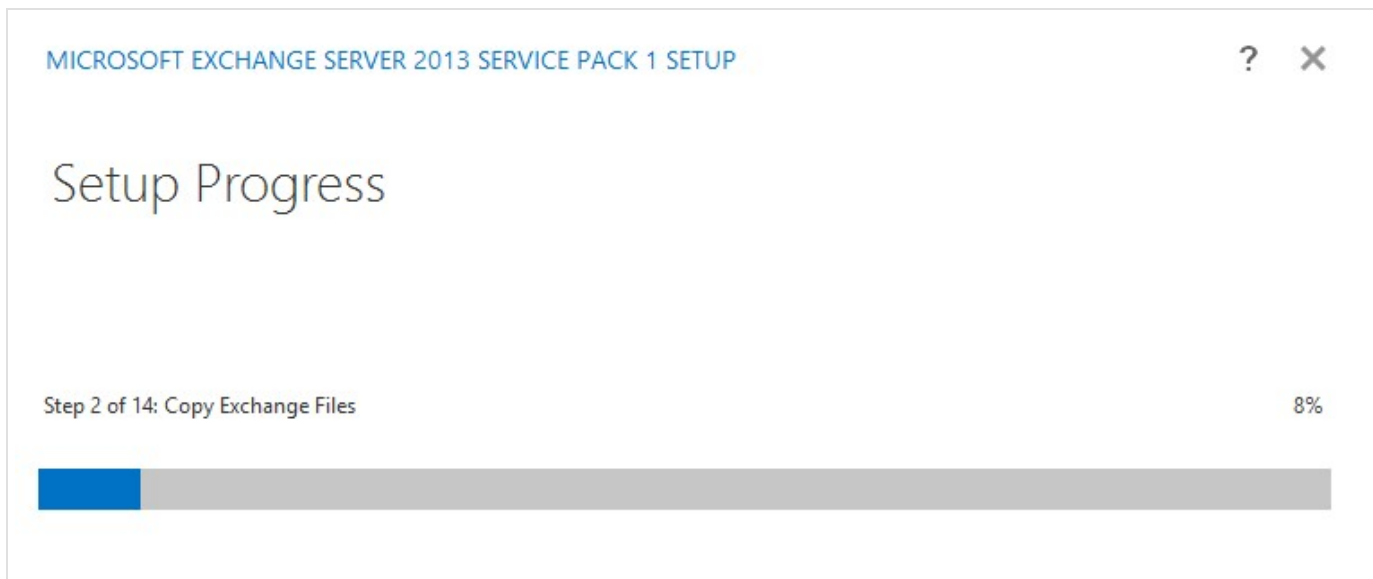
Disable malware scanning.

☐ Yes

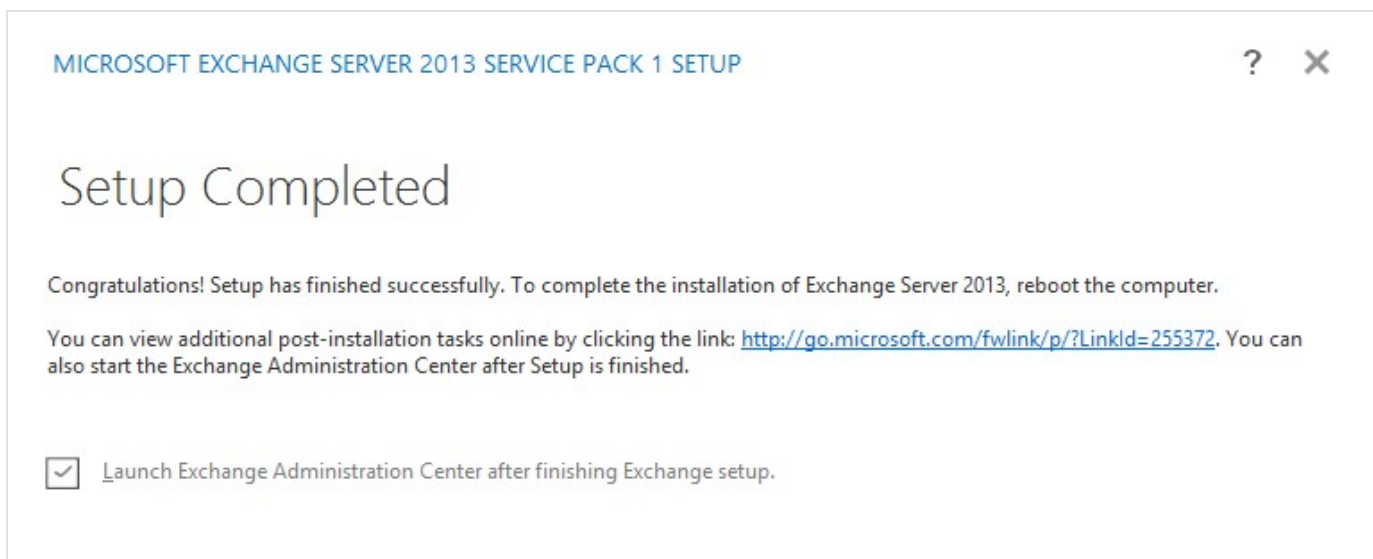
☒ No

Internet access is required to download the latest anti-malware engine and definition updates.

The server will now perform some prerequisite checks and if all good you can hit the install button. The setup will now start.

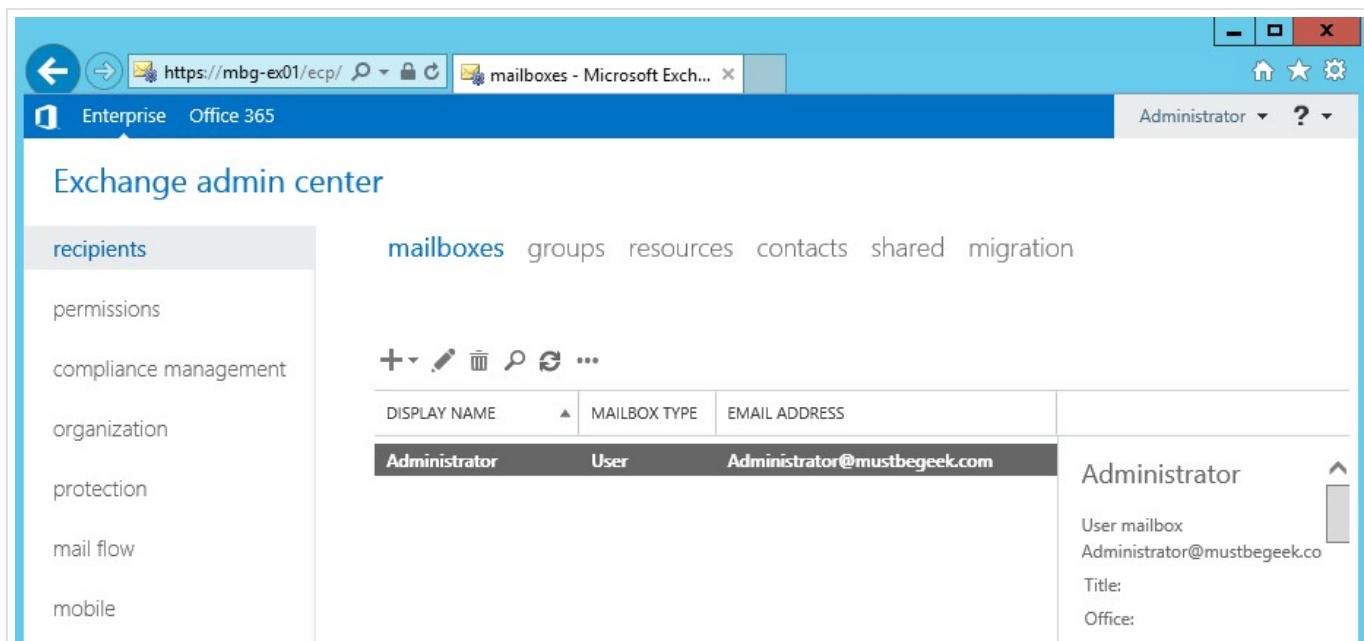


The setup will take some time to complete the installation.



Check **launch EAC** and click **Finish**. Enter administrator credentials and login. You can also open the Exchange Admin Center by browsing the link, **<https://localhost/ecp>** in the browser of the Exchange Server itself.

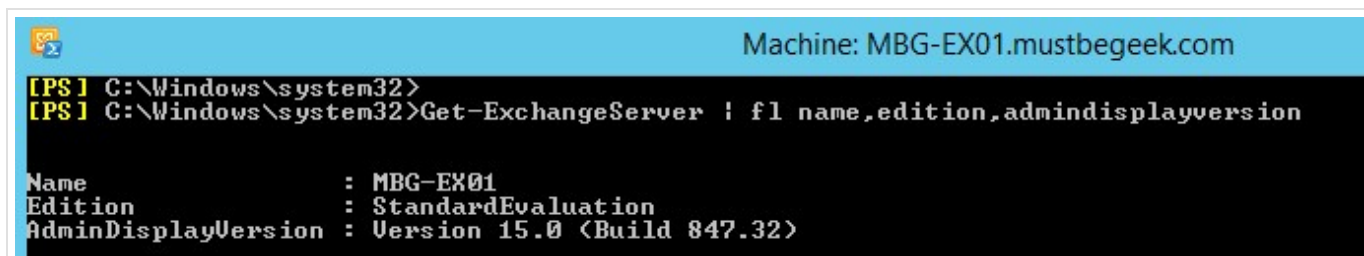




You have successfully installed Exchange 2013 SP1. Don't forget to [check the latest updates](#) and service packs. You can now [create mailboxes](#). In addition, setup [external and internal urls](#) to use mailboxes using different client applications. Also, [configure URL redirections](#). Then [configure send connectors](#) to send and receive emails from the Internet.

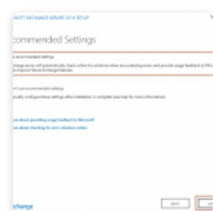
To check your current build of Exchange 2013 type following cmdlet in Exchange Management Shell.

**[PS] C:\Windows\System32>Get-ExchangeServer | fl name,edition,admindisplayversion**

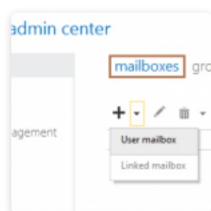


In this way you can install Exchange Server 2013 SP1 in Windows Server 2012 R2.

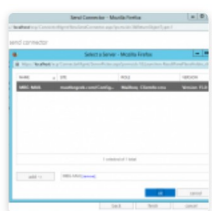
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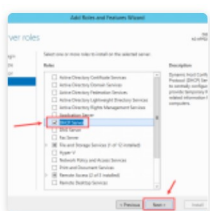
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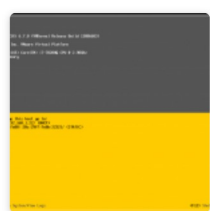
Configure User Mailbox in Exchange Server 2013



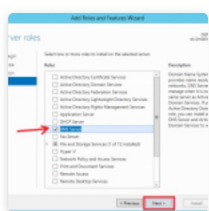
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**Bipin**

Bipin is a freelance Network and System Engineer with expertise on Cisco, Juniper, Microsoft, VMware, and other technologies. You can hire him on [UpWork](#). Bipin enjoys writing articles and tutorials related to Network technologies. Some of his certifications are, MCSE:Messaging, JNCIP-SEC, JNCIS-ENT, and others.



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