

# How to upgrade Exchange Server 2019 – CU6 to CU7

Microsoft released cumulative update 7 for Exchange Server 2019 on 15<sup>th</sup> Sep 2020. Here is the link for more info about CU7. **It is always good to restart the server before installing cumulative update.**

<https://support.microsoft.com/en-us/help/4571787/cumulative-update-7-for-exchange-server-2019>

<https://docs.microsoft.com/en-us/exchange/new-features/updates?view=exchserver-2019>

<https://docs.microsoft.com/en-us/exchange/plan-and-deploy/install-cumulative-updates?view=exchserver-2019>

## Known issues in this cumulative update

- In multidomain Active Directory forests in which Exchange is installed or has been prepared previously by using the `/PrepareDomain` option in Setup, this action must be completed after the `/PrepareAD` command for this cumulative update has been completed and the changes are replicated to all domains. Setup will try to run the `/PrepareAD` command during the first server installation. Installation will finish only if the user who initiated Setup has the appropriate permissions.

### Notes

- If you are upgrading from Cumulative Update 2 for Exchange Server 2019 or a later cumulative update for Exchange Server 2019 to Cumulative Update 7 for Exchange Server 2019, there's no need to run the `/PrepareAD` or `/PrepareDomain`. No additional actions (prepareAD, prepareDomain, or assigning permissions) are required.
- If you have ever skipped a Cumulative Update (for example, you are upgrading from an earlier version before Cumulative Update 2 for Exchange Server 2019), or this is a first Exchange Server installation in the AD, then this **Known Issue** section should be taken care of.

- **About the `/PrepareDomain` operation in multidomain:**

The `/PrepareDomain` operation automatically runs in the Active Directory domain in which the `/PrepareAD` command is run. However, it may be unable to update other domains in the forest. Therefore, a domain administrator should run the `/PrepareDomain` in other domains in the forest.

- **About the permission question:**

As the `/PrepareAD` is triggered in Setup, if the user who initiates Setup isn't a member of Schema Admins and Enterprise Admins, the readiness check will fail and you receive the following error messages.

```
Error:
The Active Directory schema isn't up-to-date, and this user account isn't a member of the 'Schema Admins' and/or 'Enterprise Admins' groups.
For more information, visit: http://technet.microsoft.com/library/EXCHG.150/ms.exch.setupreadiness.SchemaUpdateRequired.aspx

Error:
Global updates need to be made to Active Directory, and this user account isn't a member of the 'Enterprise Admins' group.
For more information, visit: http://technet.microsoft.com/library/EXCHG.150/ms.exch.setupreadiness.GlobalUpdateRequired.aspx
```

To avoid the errors, either the user should join Schema Admins and Enterprise Admins groups or another user in Schema Admins and Enterprise Admins groups manually runs the `/PrepareAD` for this Cumulative Update first. Then, the Exchange admin user can start Setup.

- Autodiscover Event ID 1 occurs after you install Cumulative Update 3 for Exchange Server 2019. For more information, see [KB 4532190](#).

## Issues that this cumulative update fixes

This cumulative update also fixes the issues that are described in the following Microsoft Knowledge Base articles:

- [4570248](#) Get-CASMailbox uses wrong LDAP filter for ECPEEnabled in Exchange Server 2019
- [4576652](#) Updates for Exchange Server 2019 Sizing Calculator version 10.5
- [4570252](#) Intermittent poison messages due to NotInBagPropertyErrorException in Exchange Server 2019
- [4576649](#) System.InvalidCastException when you change passwords in Outlook on the web in Exchange Server 2019
- [4570251](#) Inbox rule applying a personal tag doesn't stamp RetentionDate in Exchange Server 2019
- [4570245](#) ESEUtil /p fails if any long value (LV) is corrupted in Exchange Server 2019
- [4570255](#) NullReferenceException occurs when running TestFederationTrust in Exchange Server 2019
- [4576650](#) Can't add remote mailbox when setting email forwarding in Exchange Server 2019 Hybrid environment
- [4570253](#) CompletedWithErrors without details for mailbox migration batches in Exchange Server 2019
- [4570247](#) CSV log of Discovery export fails to properly escape target path field in Exchange Server 2019
- [4570246](#) EdgeTransport crashes with Event ID 1000 (exception code 0xc00000fd) in Exchange Server 2019
- [4570254](#) MExchangeMapiMailboxAppPool causes prolonged 100% CPU in Exchange Server 2019
- [4563416](#) Can't view Online user free/busy status in Exchange Server 2019
- [4576651](#) Can't join Teams meetings from Surface Hub devices after installing Exchange Server 2019 CU5
- [4577352](#) Description of the security update for Microsoft Exchange Server 2019 and 2016: September 8, 2020

I am going to upgrade my exchange server 2019 to CU7. It is currently running CU6. Here is the screen shot.

### Get-ExchangeServer | Format-List Name,Edition,AdminDisplayVersion

```
Show quick reference guide: QuickRef  
[PS] C:\Windows\system32>Get-ExchangeServer | Format-List Name,Edition,AdminDisplayVersion  
  
Name           : EX2019  
Edition        : Enterprise  
AdminDisplayVersion : Version 15.2 (Build 659.4)
```

### Exchange 2019 Version History:

Product name	Release date	Build number (short format)	Build number (long format)
Exchange Server 2019 CU6	June 16, 2020	15.2.659.4	15.02.0659.004
Exchange Server 2019 CU5	March 17, 2020	15.2.595.3	15.02.0595.003
[Exchange Server 2019 CU4]	December 17, 2019	15.2.529.5	15.02.0529.005
Exchange Server 2019 CU3	September 17, 2019	15.2.464.5	15.02.0464.005
Exchange Server 2019 CU2	June 18, 2019	15.2.397.3	15.02.0397.003
Exchange Server 2019 CU1	February 12, 2019	15.2.330.5	15.02.0330.005
Exchange Server 2019 RTM	October 22, 2018	15.2.221.12	15.02.0221.012
Exchange Server 2019 Preview	July 24, 2018	15.2.196.0	15.02.0196.000

Mount the ISO and run setup.exe

EX2019 > DVD Drive (D:) EXCHANGESERVER2019-X64-CU7 >

Name	Date modified	Type	Size
th	03-Sep-2020 7:58 ...	File folder	
tk-tm	03-Sep-2020 7:58 ...	File folder	
tr	03-Sep-2020 7:58 ...	File folder	
tt	03-Sep-2020 7:58 ...	File folder	
UCMARedist	03-Sep-2020 7:58 ...	File folder	
ug-cn	03-Sep-2020 7:58 ...	File folder	
uk	03-Sep-2020 7:58 ...	File folder	
ur	03-Sep-2020 7:58 ...	File folder	
uz	03-Sep-2020 7:58 ...	File folder	
vi	03-Sep-2020 7:58 ...	File folder	
zh-hans	03-Sep-2020 7:58 ...	File folder	
zh-hant	03-Sep-2020 7:58 ...	File folder	
autorun.inf	01-Sep-2020 10:11...	Setup Information	1 KB
EXCHANGESERVER.msi	03-Sep-2020 7:15 ...	Windows Installer ...	7,140 KB
Microsoft.Exchange.CabUtility.dll	03-Sep-2020 7:10 ...	Application extens...	270 KB
Microsoft.Exchange.Data.Common.dll	03-Sep-2020 7:14 ...	Application extens...	1,647 KB
Microsoft.Exchange.Diagnostics.dll	03-Sep-2020 7:09 ...	Application extens...	2,161 KB
Microsoft.Exchange.Setup.AcquireLangu...	03-Sep-2020 7:15 ...	Application extens...	56 KB
Microsoft.Exchange.Setup.Bootstrapper....	03-Sep-2020 7:11 ...	Application extens...	91 KB
Microsoft.Exchange.Setup.SignVerfWrap...	03-Sep-2020 7:10 ...	Application extens...	74 KB
Setup.EXE	03-Sep-2020 7:09 ...	Application	20 KB

## Check for Updates?

You can have Setup download Exchange Server updates from the Internet before you install Exchange. If updates are available, they'll be downloaded and used by Setup. By downloading updates now, you'll have the latest security and product updates. If you don't want to check for updates right now, or if you don't have access to the Internet, skip this step. If you skip this step, be sure to download and install any available updates after you've completed Setup.

Select one of the following options:

- Connect to the Internet and check for updates
- Don't check for updates right now

Exchange

next

## Downloading Updates...

No updates found, click next to continue with setup.

Exchange

next

## Copying Files...

Setup needs to copy files that are required to install Exchange Server.

Copying files...

50%



## Exchange

## Initializing Setup...

Setup is preparing the necessary resources before it can continue to the next step.



## Exchange

# Upgrade

You are about to upgrade Microsoft Exchange Server. This wizard will guide you through the upgrade process.

Plan your Exchange Server deployment:

[Read about Exchange Server](#)

[Read about supported languages](#)

[Use the Exchange Server Deployment Assistant](#)

Exchange

next

# License Agreement

Please read and accept the Exchange Server license agreement.

## MICROSOFT SOFTWARE LICENSE TERMS

### MICROSOFT EXCHANGE SERVER 2019 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,
- Internet-based services, and
- 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

- I accept the terms in the license agreement
- I do not accept the terms in the license agreement.

Exchange

next

# Readiness Checks

The computer will be checked to verify that setup can continue.

Prerequisite Analysis

1%



Exchange

back

install

# Readiness Checks

The computer will be checked to verify that setup can continue.

Prerequisite Analysis

100%



**Warning:**  
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: <https://docs.microsoft.com/Exchange/plan-and-deploy/deployment-ref/readiness-checks?view=exchserver-2019>

Exchange

install

# Setup Progress

Step 1 of 17: Organization Preparation

28%



## Exchange

# Setup Completed

Congratulations! Setup has finished successfully. To complete the installation of Microsoft Exchange Server, reboot the computer.

You can also start the Exchange Administration Center after Setup is finished.

Launch Exchange Administration Center after finishing Exchange setup.

## Exchange

finish

```
Name : EX2019
Edition : Enterprise
AdminDisplayVersion : Version 15.2 (Build 721.2)
```

Product name	Release date	Build number (short format)	Build number (long format)
Exchange Server 2019 CU7	September 15, 2020	15.2.721.2	15.02.0721.002
Exchange Server 2019 CU6	June 16, 2020	15.2.659.4	15.02.0659.004
Exchange Server 2019 CU5	March 17, 2020	15.2.595.3	15.02.0595.003
Exchange Server 2019 CU4	December 17, 2019	15.2.529.5	15.02.0529.005
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Exchange Server 2019 RTM	October 22, 2018	15.2.221.12	15.02.0221.012
Exchange Server 2019 Preview	July 24, 2018	15.2.196.0	15.02.0196.000

This conclude the upgrade process of Exchange Server 2019.

Thanks

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**20<sup>th</sup> Sep 2020**

Upgrade start time – 1011AM

Upgrade end time – 1123AM