How to upgrade Exchange Server 2019 – CU9 to CU10

Microsoft released cumulative update 10 for Exchange Server 2019 on 29th Jun 2021. Here is the link - more info about CU10. **It is always good to restart the server before installing cumulative update**.

https://support.microsoft.com/en-us/topic/cumulative-update-10-for-exchange-server-2019-kb5003612-b1434cad-3fbc-4dc3-844d-82568e8d4344
https://docs.microsoft.com/en-us/exchange/new-features/updates?view=exchserver-2019
https://techcommunity.microsoft.com/t5/exchange-team-blog/released-june-2021-quarterly-exchange-updates/ba-p/2459826
https://docs.microsoft.com/en-us/exchange/new-features/build-numbers-and-release-dates?view=exchserver-2019

Version:
15.02.0922.007

Date Published:
6/29/2021

File Name:
ExchangeServer2019-x64-CU10.ISO

File Size:
5.8 GB

Exchange Server 2019

The table in this section provides build numbers and general release dates for each version of Microsoft Exchange Server 2019.

Product name	Release date	Build number (short format)	Build number (long format)
Exchange Server 2019 CU10	June 29, 2021	15.2.922.7	15.02.0922.007
Exchange Server 2019 CU9 May21SU	May 11, 2021	15.2.858.12	15.02.0858.012

Cumulative Update 10 for Exchange Server 2019 (KB5003612)

Exchange Server 2019

Important: This regularly scheduled cumulative update contains all the security fixes of the security updates in June and other previous security updates..

Cumulative Update 10 for Microsoft Exchange Server 2019 was released on June 29, 2021. It includes fixes for nonsecurity issues and all previously released fixes for security and nonsecurity issues. These fixes will also be included in later cumulative updates for Exchange Server 2019.

This update also includes new daylight saving time (DST) updates for Exchange Server 2019. For more information about DST, see Daylight Saving Time Help and Support Center.

Known issues in this cumulative update

- In multidomain Active Directory forests in which Exchange is installed or was 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.

  - **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:**

    Because **/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 1:

    > 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 informaion, visit: http://technet.microsoft.com/library(EXCHG.150)/ms.exch.setipreadiness.SchemaUpdateRequired.aspx.

    Error 2:

    > 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.GlobalUpdateRequred.aspx.

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

- "500 Unexpected Error" when trying to create a user mailbox in ECP. For more information, see KB 5001874.

- "Cannot Send Mail - Your mailbox is full" error when you use iPhone mail to send very large attachments. For more information, see KB 5004622.

Issues that this cumulative update fixes

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

- 5004612 Message body not displayed in OWA if the message was added in Outlook to a new mailbox

- 5004613 OutOfMemory exception when moving a public folder that has a large ICS sync state

- 5004614 Korean text is garbled in calendar invitation to a user with a Chinese display name

- 5004615 "InvalidOperationException" and Store Worker process crashes during mailbox move

- 5004616 Changing the email address in EAC doesn't work in modern browsers

- 5004617 TLS 1.2 is not set as default after you install Exchange 2019 with Edge Transport role

- 5004618 MSExchangeMailboxAssistants 4999 Crash in ELCAssistant.InvokeInternalAssistant with System.NullReferenceException

- 5004619 Mailbox creation through ECP fails after installing Exchange Server 2019 or 2016 April update

Get Cumulative Update 10 for Exchange Server 2019

Volume Licensing Center

To get Cumulative Update 10 for Exchange Server 2019, go to Microsoft Volume Licensing Center.

Note The Cumulative Update 10 package can be used to run a new installation of Exchange Server 2019 or to upgrade an existing Exchange Server 2019 installation to Cumulative Update 10.

Cumulative update information

Prerequisites

This cumulative update requires Microsoft .NET Framework 4.8.
A component that's used within Exchange Server requires a new Visual C++ component to be installed together with Exchange Server. This prerequisite can be downloaded at Visual C++ Redistributable Package for Visual Studio 2012.

For more information about the prerequisites to set up Exchange Server 2019, see Exchange 2019 prerequisites.

Restart requirement

You might have to restart the computer after you apply this cumulative update package.

Registry information

You don't have to make any changes to the registry after you apply this cumulative update package.

Removal information

After you install this cumulative update package, you can't uninstall the package to revert to an earlier version of Exchange Server 2019. If you uninstall this cumulative update package, Exchange Server 2019 is removed from the server.

File information

File hash information

File name	SHA256 hash
ExchangeServer2019-x64-cu10.iso	A5ABE84FDF53750D631CB4064CAE5E84C293EAD8B94367826925B90BEE6C1EAF

More information

For more information about the deployment of Exchange Server 2019, see Release notes for Exchange Server 2019.

For more information about the coexistence of Exchange Server 2019 and earlier versions of Exchange Server in the same environment, see Exchange Server 2019 system requirements.

For more information about other Exchange updates, see Exchange Server Updates: Build numbers and release dates.

I am going to upgrade my exchange server 2019 to CU10. It is currently running CU9. Here is screen shot.

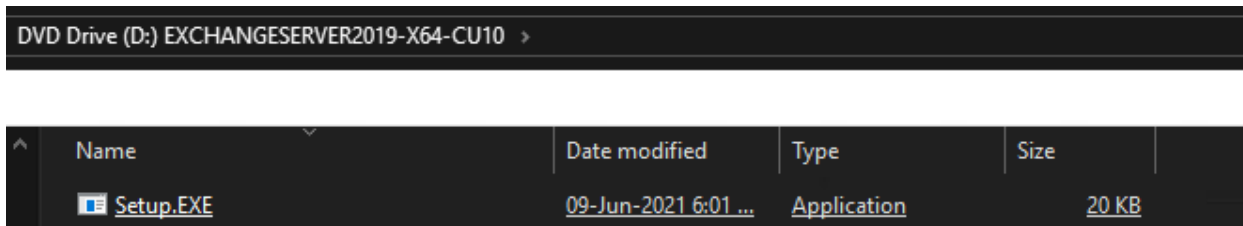**Get-ExchangeServer | Format-List Name,Edition,AdminDisplayVersion**

```
Show quick reference guide: QuickRef
VERBOSE: Connecting to EX2019.RAMLAN.CA.
VERBOSE: Connected to EX2019.RAMLAN.CA.
[PS] C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Microsoft Exchange Server 2019>Get-ExchangeServer | Format-Lis
t Name,Edition,AdminDisplayVersion


Name               : EX2019
Edition            : Enterprise
AdminDisplayVersion : Version 15.2 (Build 858.5)
```

Exchange 2019 Version History:

Product name	Release date	Build number (short format)	Build number (long format)
Exchange Server 2019 CU10	June 29, 2021	15.2.922.7	15.02.0922.007
Exchange Server 2019 CU9 May21SU	May 11, 2021	15.2.858.12	15.02.0858.012
Exchange Server 2019 CU9 Apr21SU	April 13, 2021	15.2.858.10	15.02.0858.010
Exchange Server 2019 CU9	March 16, 2021	15.2.858.5	15.02.0858.005

Mount the ISO and run setup.exe

DVD Drive (D:) EXCHANGESERVER2019-X64-CU10 >

Name	Date modified	Type	Size
Setup.EXE	09-Jun-2021 6:01 ...	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...   27%

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.

Configuring Prerequisites   85%

Exchange

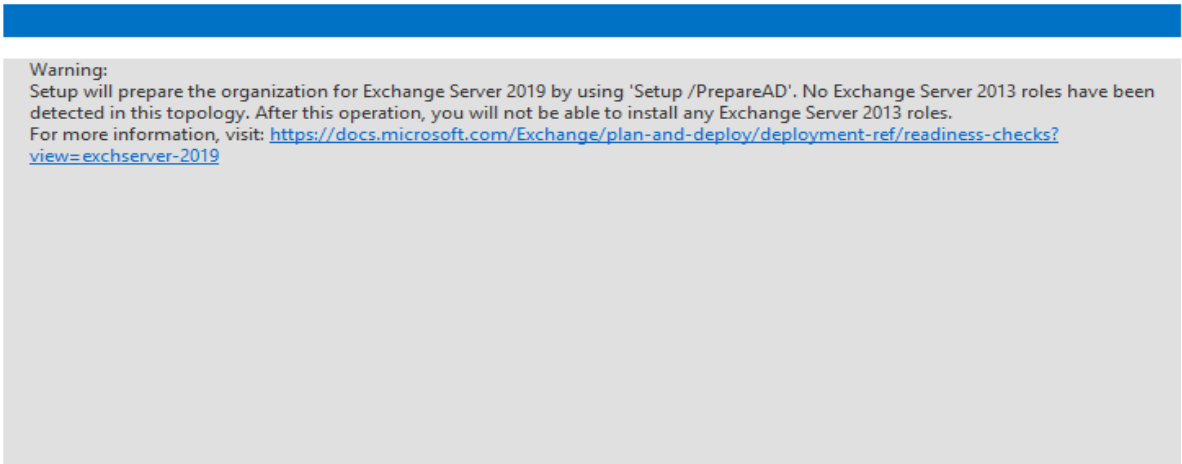back   install

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   2%

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`

Restart the server and check the version info by running this command

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

```
Show quick reference guide: QuickRef
VERBOSE: Connecting to EX2019.RAMLAN.CA.
VERBOSE: Connected to EX2019.RAMLAN.CA.
[PS] C:\ProgramData\Microsoft\Windows\Start Menu\Programs\Microsoft Exchange Server 2019>Get-ExchangeServer | Format-Lis
t Name,Edition,AdminDisplayVersion


Name               : EX2019
Edition            : Enterprise
AdminDisplayVersion : Version 15.2 (Build 922.7)
```

Product name	Release date	Build number (short format)	Build number (long format)
Exchange Server 2019 CU10 ⧉ ➡	June 29, 2021	15.2.922.7	15.02.0922.007

servers   databases   database availability groups   virtual directories   certificates

✎ 🔍 ⟳

NAME	▲	SERVER ROLES	VERSION	
EX2019		Mailbox	Version 15.2 (Build 922.7)	

EX2019

Mailbox
Version 15.2 (Build 922.7)
Enterprise

This conclude the upgrade process of Exchange Server 2019 CU10.

Thanks

Ram Lan
4ᵗʰ Jul 2021

Upgrade start time – 830AM   -   Upgrade end time – 1015AM