



Exchange 2016 CU15



Microsoft hat am 16.12.2019 das neue Cumulative Update 15 für Exchange Server 2016 herausgebracht.

Dieses Update beseitigt folgende Fehler:

- [4515256](#) "The function cannot be performed..." error when you send a message that's open for a long time in Exchange Server 2016
- [4528693](#) Get-CalendarDiagnosticLog is proxied for queries within the same forest in Exchange Server 2016
- [4523519](#) Set-SendConnector doesn't work for Exchange Server in hybrid scenarios with Edge Server installed
- [4528690](#) Can't move or delete folder in Outlook online mode if the destination has a folder with the same name in Exchange Server 2016
- [4528687](#) NotificationClient logs aren't purged and consume lots of disk in Exchange Server 2016
- [4528689](#) Outlook on the web shows MailTip when recipients equal the large audience size in Exchange Server 2016
- [4528688](#) Only one recipient shows when saving draft by using Exchange ActiveSync version 16.0 in Exchange Server 2016
- [4528695](#) Event ID 4009 when using SubjectOrBodyMatchesPatterns on Edge server in Exchange Server 2016
- [4528694](#) Can't open .ics file in Outlook on the web in Exchange Server 2016
- [4528692](#) "A parameter was specified that isn't valid" error when creating transport rule in Exchange Server 2016
- [4515257](#) Hash mismatch is reported for Exchange DLLs in the bin directory of Exchange Server 2016
- [4528696](#) Exchange PowerShell cmdlets take longer time to run in Exchange Server 2016
- [4532747](#) Address list separation not working for a user without a mailbox in Exchange Server 2016
- [4523171](#) Description of the security update for Microsoft Exchange Server 2019, 2016, and 2013: November 12, 2019



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Update Matrix, Voraussetzungen und Security Updates

Exchange 2016 CU1 03-16	MS16-079 06-16		
Exchange 2016 CU2 06-16	MS16-106 09-16		
.NET Framework 4.6.2			
Exchange 2016 CU3 09-16			
Exchange 2016 CU4 12-16			
Exchange 2016 CU5 03-17	MS16-106 06-17		
Exchange 2016 CU6 06-17			
Exchange 2016 CU7 09-17			
.NET Framework 4.7.1			
Exchange 2016 CU8 12-17			
Exchange 2016 CU9 03-18			
Exchange 2016 CU10 06-18	KB4468741 11-18	SUpdate 01-19	
.NET Framework 4.7.2			
Exchange 2016 CU11 10-18	KB4468741 11-18	SUpdate 01-19	SUpdate 04-19
Exchange 2016 CU12 02-19	SUpdate 04-19	SUpdate 09-19	
.NET Framework 4.8.0			
Exchange 2016 CU13 06-19	SUpdate 09-19	SUpdate 11-19	
Exchange 2016 CU14 09-19	SUpdate 11-19		
Exchange 2016 CU15 12-19	SUpdate 11-19		
Exchange 2016 CU16			
Exchange 2016 CU17			
Exchange 2016 CU18			
Exchange 2016 CU19			
Exchange 2016 CU20			



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CVE-2019-1373 | Microsoft Exchange Remote Code Execution Vulnerability

<https://portal.msrc.microsoft.com/en-us/security-guidance/advisory/CVE-2019-1373>

Microsoft Exchange Sicherheitsupdate:

Das CU 15 beinhaltet den Patch KB4523171.

<https://support.microsoft.com/de-de/help/4523171/security-update-for-exchange-server-2019-2016-and-2013>

Download und Informationen zum CU15:

<https://www.microsoft.com/de-DE/download/details.aspx?id=100780>

<https://support.microsoft.com/en-us/help/4522150/cumulative-update-15-for-exchange-server-2016>

Das CU 15 beinhaltet 13 Fixes bzw. Verbesserungen und 1 Sicherheitsupdate.

Nennenswerte Korrekturen:

<https://support.microsoft.com/en-us/help/4532747/address-list-separation-is-not-working-for-a-user-without-a-mailbox-in>

<https://support.microsoft.com/en-us/help/4528690/can-t-move-or-delete-folder-in-outlook-online-mode-if-the-destination>

<https://support.microsoft.com/en-us/help/4528694/can-t-open-ics-file-in-outlook-on-the-web-in-exchange-server-2019-and>

Voraussetzungen:

.NET Framework 4.8

<https://www.microsoft.com/de-de/techwiese/news/die-neue-version-ist-da-net-framework-48-steht-zum-download-bereit.aspx>

Wenn Prepare/AD bzw. PrepareDomain mit ab CU 13 bereits ausgeführt wurde, ist das bei CU 15 nicht notwendig.



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AD-Schema-Version:

Exchange Version	Forest (rangeUpper)	Forest (objectVersion)	Domain (objectVersion)
2019 CU2-CU4*	17001	16754	13237
2019 CU1	17000	16752	13236
2019 RTM	17000	16751	13236
2016 CU13-CU15*	15332	16217	13237
2016 CU12	15332	16215	13236
2016 CU11	15332	16214	13236
2016 CU7-CU10*	15332	16213	13236
2016 CU6	15330	16213	13236
2016 CU4-CU5*	15326	16213	13236
2016 CU3	15326	16212	13236
2016 CU2	15325	16212	13236
2016 CU1	15323	16211	13236
2016 RTM	15317	16210	13236
2016 Preview	15317	16041	13236

*Ein /PrepareAD muss nicht durchgeführt werden.

Powershellabfragen zur Versionsnummer:

```
Get-ADObject -Identity "CN=ms-Exch-Schema-Version-  
Pt,CN=schema,CN=configuration,DC=ndsedv,DC=de" -properties rangeUpper | select  
rangeUpper | format-List
```

```
$RootDSE= ([ADSI]"").distinguishedName  
([ADSI]"LDAP://CN=ms-Exch-Schema-Version-  
Pt,CN=Schema,CN=Configuration,$RootDSE").rangeUpper  
([ADSI]"LDAP://cn=Contoso,cn=Microsoft  
Exchange,cn=Services,cn=Configuration,$RootDSE").objectVersion
```

```
Get-ADObject -Identity "CN=ms-Exch-Schema-Version-  
Pt,CN=schema,CN=configuration,DC=ndsedv,DC=de" -properties rangeUpper | select  
rangeUpper | format-List
```

```
Get-ADObject -Identity "CN=ndsedv,CN=Microsoft  
Exchange,CN=Services,CN=Configuration,DC=ndsedv,DC=de" -properties  
msExchProductId | select msExchProductId | Format-List
```

```
$RootDSE= ([ADSI]"").distinguishedName  
([ADSI]"LDAP://CN=Microsoft Exchange System Objects,$RootDSE").objectVersion
```

Exchange Version abfragen:

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



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Troubleshooting:

Sollte es nach der Installation zu Problemen kommen, das sich z.B. die ECP nicht öffnen lässt, dann empfehle ich folgenden Artikel sofern dieser stimmig ist.

Something went wrong 😞

<https://www.der-windows-papst.de/2019/09/08/could-not-load-file-or-assembly-microsoft-exchange-common/>

Es kann aber auch passieren, dass der Dienst HostControllerService deaktiviert wird.