

What's new in Exchange 2019

COURSE OVERVIEW This course helps IT specialists to gain knowledge about new features and changes in Exchange 2019, compare to Exchange 2013 and Exchange 2016

INTENDED AUDIENCE Mail administrators in Exchange 2013 or Exchange 2016 environments.

PREREQUISITE

- General knowledge of Windows Server 2012-2016-2019
- General knowledge of networking et mail system
- Good understanding of IT administration
- Good knowledge of Exchange 2013 or Exchange 2016

DURATION 2 days

CONTENT

Exchange 2019 requirements:

- Memory & CPU
- Software prerequisites
- Windows version
- AD version
- Server Core / Desktop experience
- Coexistence

Functionalities for administrators:

- Changes to search
- Client Access Rules
- Faster and more reliable DAG failovers
- Improvements to the core database engine
- Assign delegate permissions via PowerShell
- Improvements in cross-premises challenges of hybrid deployment
- Migration quite seamless

Functionalities for users:

- Default End Date
- Do Not Forward
- Improved calendar management.
- Changes in Out of office messages
- Non-English characters in email addresses
- Outlook 2013 minimum client support

What's discontinued or de-emphasized in Exchange 2019

- Unified Messaging removed
- Client access server role no longer exists
- Replacement of the MAPI/CDO library with Exchange Web Services
- Third-party replication APIs removed
- RPC over HTTP
- DAG support for failover administrative access points.
- No Hybrid License for Exchange 2019
- No direct upgrade path from Exchange 2010

Scale & performance improvements

- Redesigned to use Server Garbage Collection
- Switched to the Server mode
- Exchange 2019 handle of memory
- Tiered storage
- Dynamic Database Cache (DDC)
- MetaCache Database (MCDB)
- Public folder improvement in its scalability
- Maxed out with 48 CPU cores and as much as 256GB of RAM
- Improved search infrastructure

Security-focused

- Created with Windows Server Core version in mind
- All Microsoft Management Console (MMC) tools, like Hybrid Configuration Wizard, Event Viewer or EAC can be used remotely
- TLS 1.2
- Modern Authentication
- Control external access to the Exchange admin center
- Edge transport available as a role

Conclusions, questions & answers, evaluation...