

veeAMON2023

What's Next in Veeam Backup *for Microsoft 365*



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Agenda

- Introduction
- Disclaimer
- Security
- Functionality
- Scalability
- Microsoft specific
- Logs & stats
- Q&A



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Disclaimer



No technical details
Subject to change



Disclaimer

- vNext is in full development
- Some items discussed today might still be postponed to a future update or version
- No technical details will be given today



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Security



Multi-factor authentication

- You will be able to use MFA for the desktop and the Veeam® Explorers™
- Comparable with how MFA works in Veeam Backup & Replication™ console



Oauth for mail notifications in Veeam Explorers



- Oauth (Google/Microsoft) already exists in the VB365 desktop UI
- Coming to all Veeam Explorers also

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Functionality



Public folders coming to MFA mode

Public folders support

is coming to the (default) MFA mode

New PowerShell version

is needed and new(er) module from Exchange Online



Phone home



No, we are not checking upon you 😊

No, we are not sending sensitive information 😊

We are sending what workloads are being protected. Items such as:

- # of users.
- # of SharePoint sites
- # of Teams
- ...

Mailboxes? What type?

Before in MFA we could not identify what type a mailbox was. User? Resource? Shared?

We use a workaround today by checking if a mailbox is licensed in Microsoft 365:

- Shared and resource mailboxes can also have a license to exceed the amount of data
- Therefore, a license is also calculated in Veeam Backup *for Microsoft 365*

Now we can identify by asking a new property that Microsoft released

This will make it easier for you to split jobs or to identify what exactly you are protecting



Dynamic distribution groups



Some of you like to create jobs based on distribution groups

In MFA mode, we cannot query what is inside the distribution groups in V7 (and before)

But with the new PowerShell module, it is possible to do so

So, we are bringing this functionality to MFA 😊

Education licenses

Through PowerShell and REST API you will be able to query the SKU(s) from a user



[Product names and service plan identifiers for licensing - Microsoft Entra](#) | [Microsoft Learn](#)

Based on the above list, you will be able to define what type of user it is (for example, student)



Private and shared channels backup



On popular demand, you will be able to protect private and shared channels inside a team

They will be visible with a special icon

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Scalability



Introducing: proxy pools!

In vNext, we will introduce the concept of proxy pools

A proxy pool is a collection of multiple proxies

Those proxies can only connect to object storage repositories

Metadata (cache DB) will not be hosted on the proxy anymore but will be in a central database

A job can be pointing to a proxy pool

When a job starts, objects that need to be protected (after enumeration) will be placed in a queue

The queue will divide those over the least busy proxy



Linux proxies are coming!



As a result of the previous feature,
Linux proxies come to Veeam Backup
for Microsoft 365

We are on the path of migrating all
of our code to a later version of .NET

That allows us to run a Linux proxy,
but only for object storage
repositories in a pool

Configuration/cache DB

Metadata DB for object storage repositories can be moved to a central DB

What DB is not yet decided, but PostgreSQL is a candidate

Configuration DB, currently running on the controller can also be moved to a central DB

The DB is not yet decided, but being able to cluster it is a potential requirement



SharePoint incremental backup



In V7, we need to crawl through the entire SharePoint Online sites to find out what is changed (and needs to be downloaded)

In larger environments, this process could last longer than the actual backup

Microsoft has delivered us (in private preview now) a new type of API that allows us to query the DELTA compared to previous backup

This will speed-up the total backup time as we will be able to start the download of data much faster

Migration from Jet DB to OSR

Some of our customers have been with us for many years now. **THANK YOU!**

This also means that some of their repositories are still running on Jet DB

In order to migrate those to object storage repository, we are working on two items:

- **Improve** the migration speed of the current solution we already have
- **Allow** the migration to happen while backup jobs can continue to run



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Microsoft specific



Log in methods to Microsoft 365

Legacy:

- Deprecated by Microsoft already, although some will still have exceptions

MFA + Legacy:

- Will soon be deprecated (ETA: September 2023)
- Will need to be re-enabled (most likely) in June

MFA:

- Will become de-facto standard
- Hence all the enhancements that I talked about in the presentation



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Logs



Logs enhancement

Quite a few enhancements are being made to the logs

One of those is that we will show private fixes & build number in logs

Those enhancements are made on request of our GREAT support department, in order to let them troubleshoot even faster



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Q&A





Thank you!

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