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Veeam Backup for Microsoft 365: Restore Portal Deep Dive



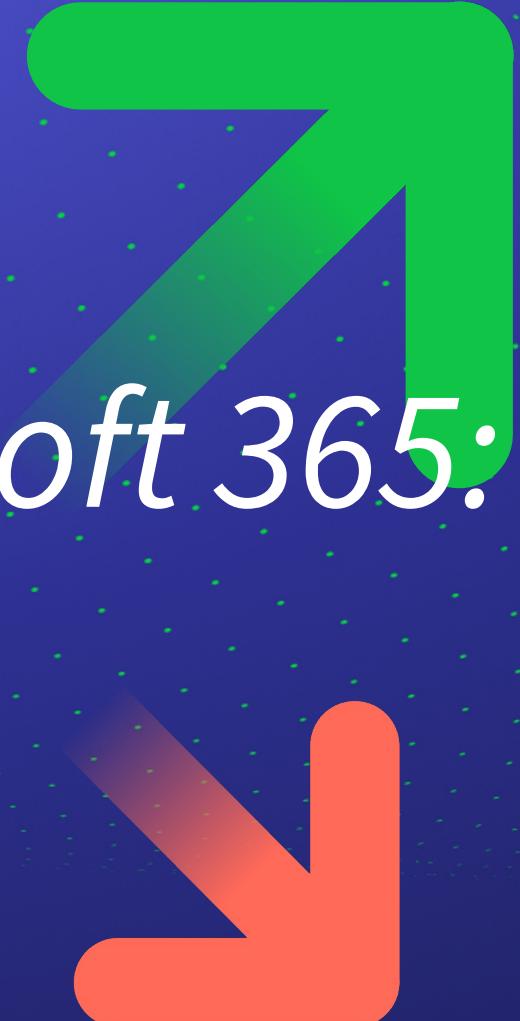
Chris Arceneaux

Sr. Solutions Architect,
Systems Engineering – VCSP
Veeam Software



Tim Hudson

Principal Solutions Architect,
Systems Engineering – VCSP
Veeam Software



Agenda

- V7 portal enhancements
- Self-service restore portal in action
- Architecture and best practices for SSP
- Diving into Azure permissions
- Veeam Service Provider Console enhanced integration
- Q&A

V7 portal enhancements



Point-in-time selection
enables recovery of data
from a specific point
in time



Support for Microsoft Teams allows restore operators to recover Microsoft Teams objects



SharePoint & OneDrive folders restore extends recovery of an entire folder with all its contents



OneDrive file versions restore
fills in the gap of granular
restores of specific versions
of a file

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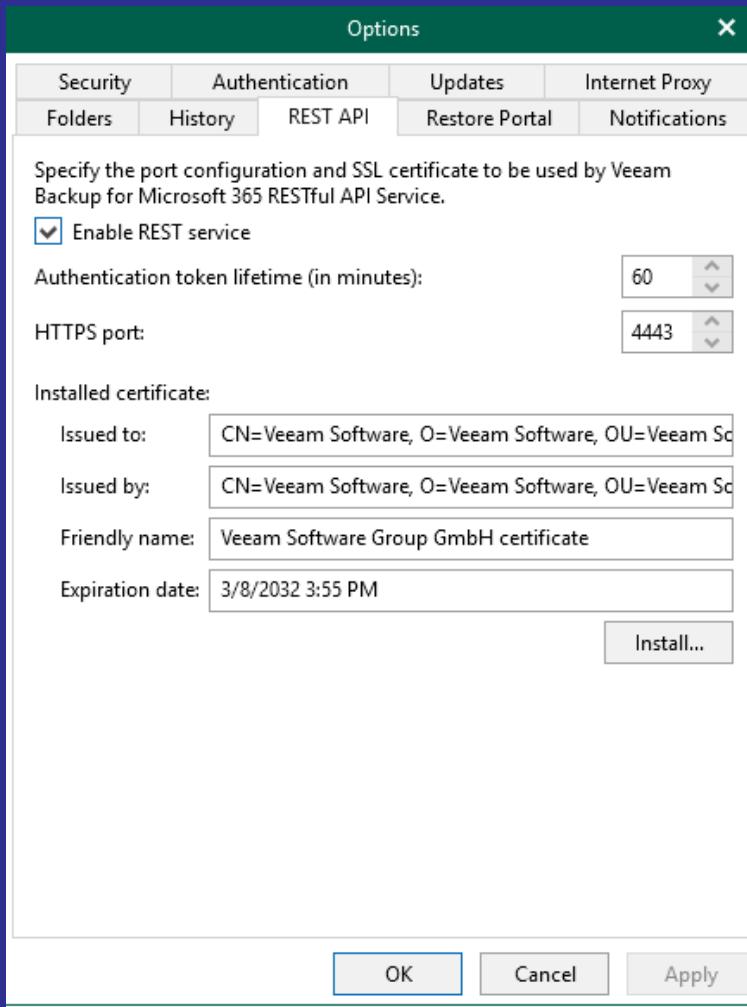
Self-service restore portal Demo



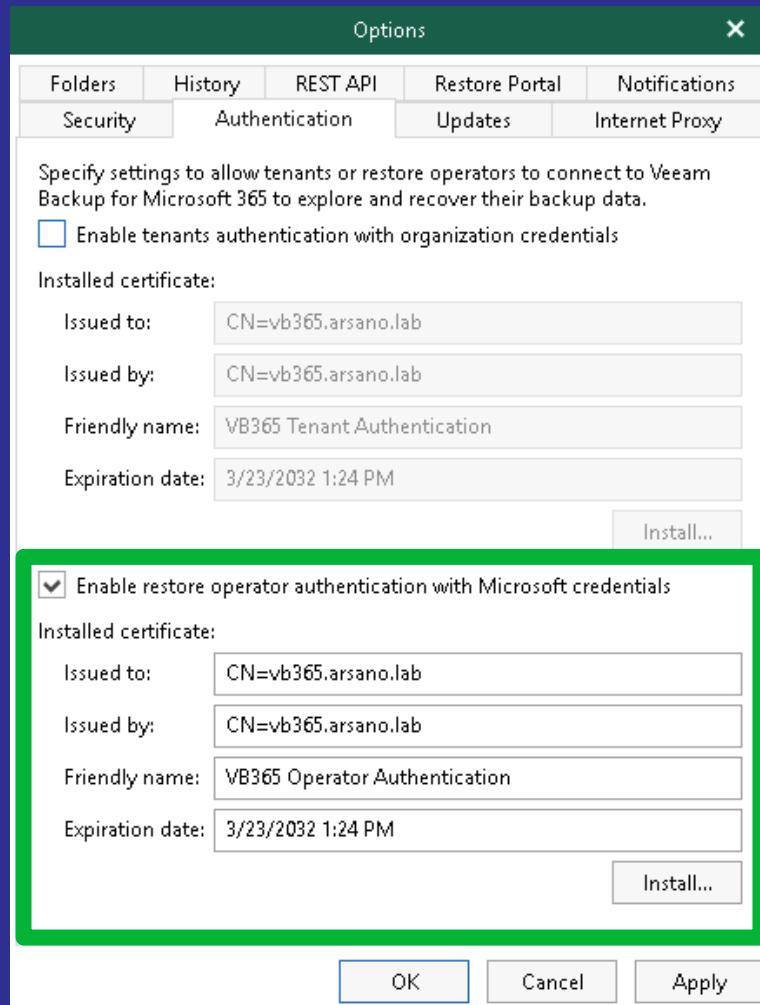
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Self-service restore portal Architecture & best practices

REST API configuration

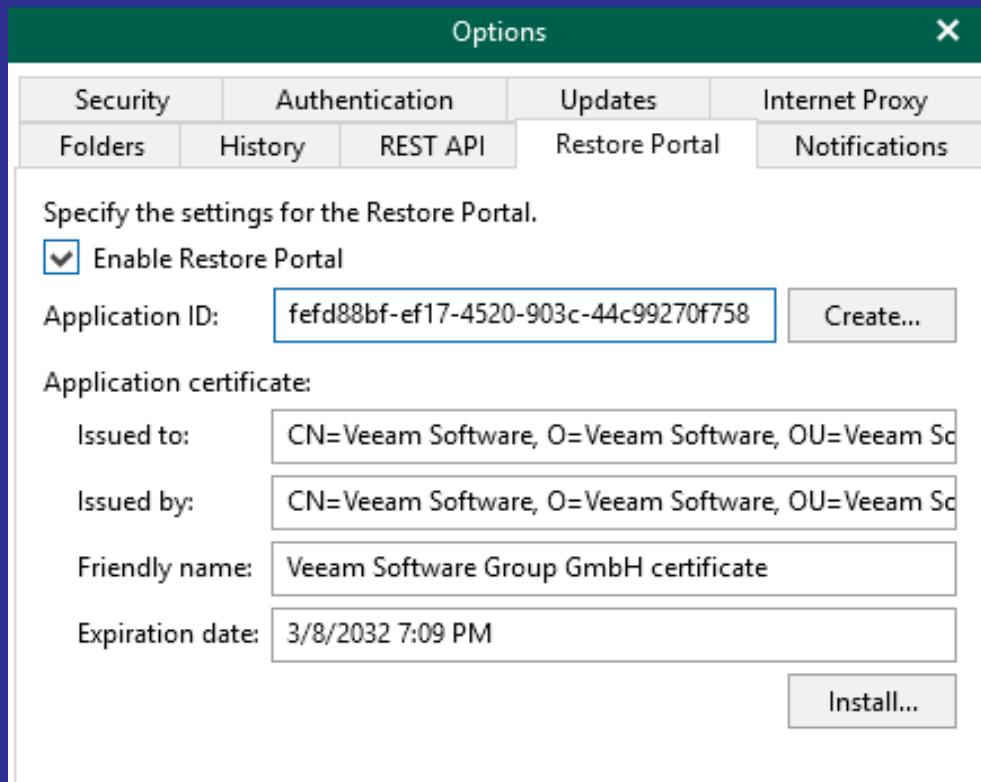


Restore operator auth configuration

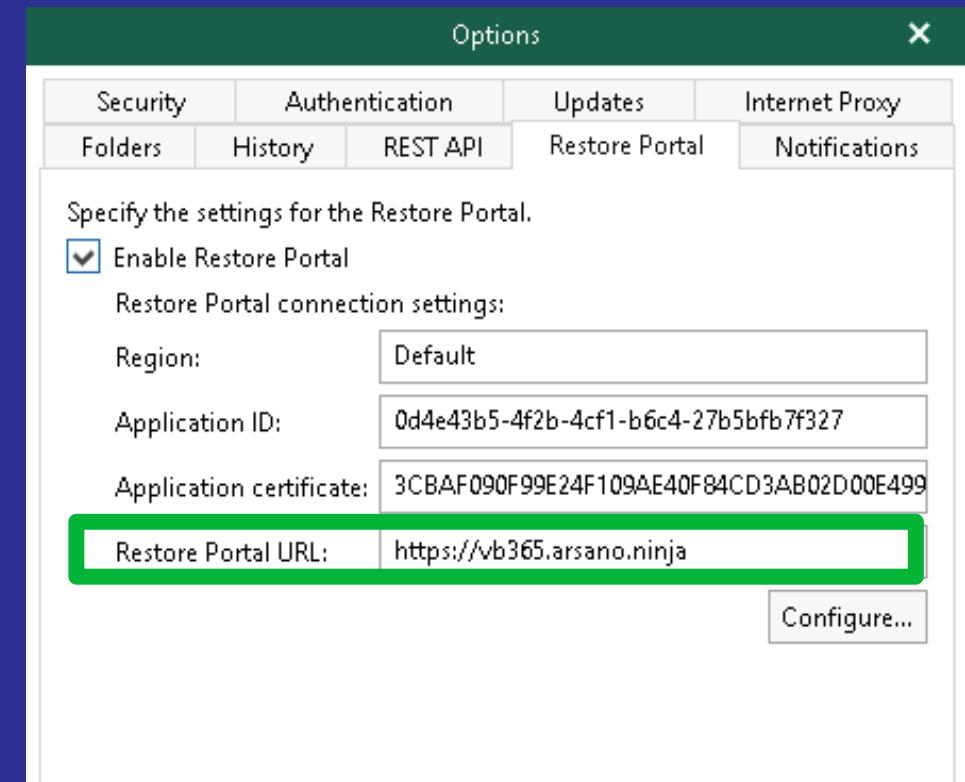


Enable/configure restore portal

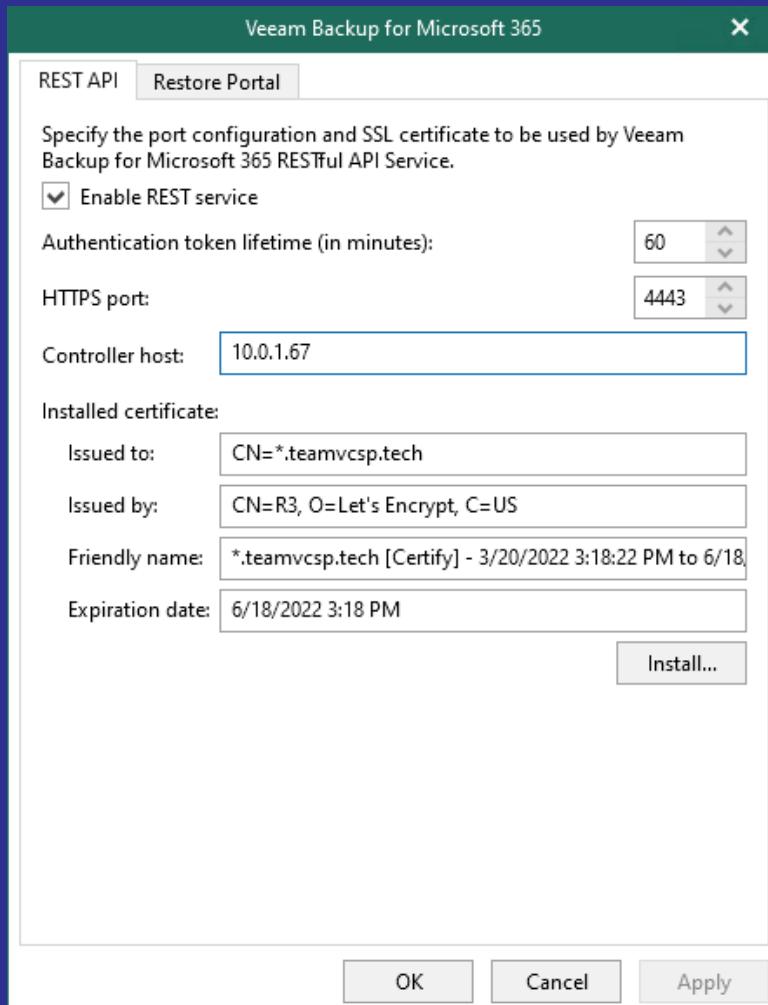
v6



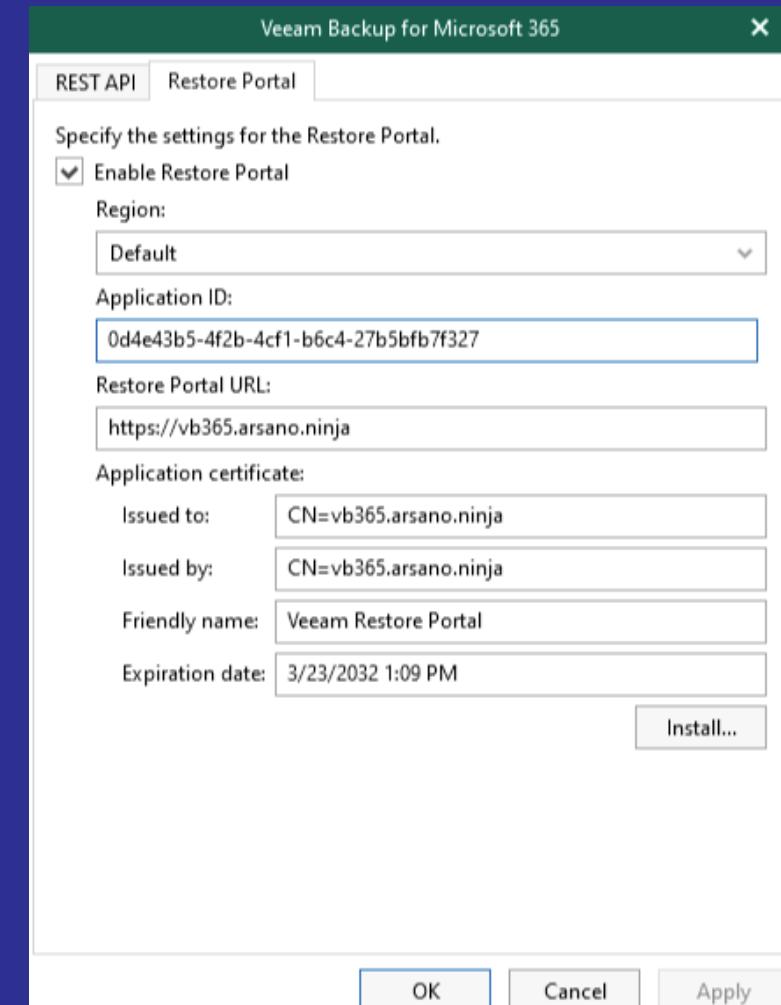
v7



*Dedicated REST API server config



The screenshot shows the 'REST API' configuration dialog for Veeam Backup for Microsoft 365. It includes fields for enabling the REST service, setting the authentication token lifetime (60 minutes), specifying the HTTPS port (4443), and entering the controller host IP (10.0.1.67). It also displays details of the installed certificate, such as the issuer (CN=*.teamvcsp.tech) and expiration date (6/18/2022 3:18 PM). A 'Install...' button is present at the bottom.



The screenshot shows the 'Restore Portal' configuration dialog for Veeam Backup for Microsoft 365. It includes fields for enabling the restore portal, selecting the region (Default), providing an application ID (0d4e43b5-4f2b-4cf1-b6c4-27b5bfb7f327), and specifying the restore portal URL (https://vb365.arsano.ninja). It also displays details of the application certificate, such as the issuer (CN=vb365.arsano.ninja) and expiration date (3/23/2032 1:09 PM). A 'Install...' button is present at the bottom.

Restore operator configuration

New Restore Operator Role X

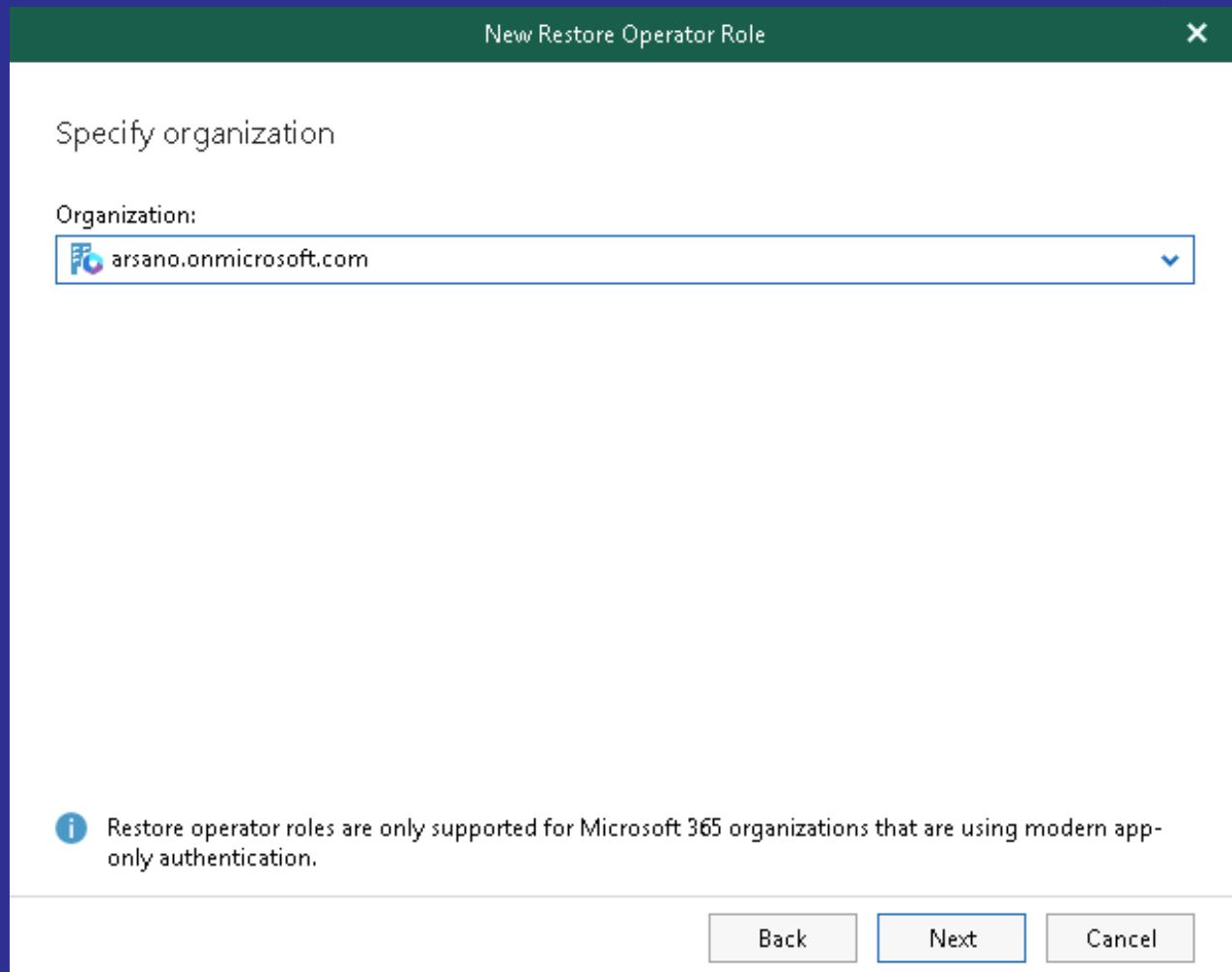
Specify role name and description

Name:

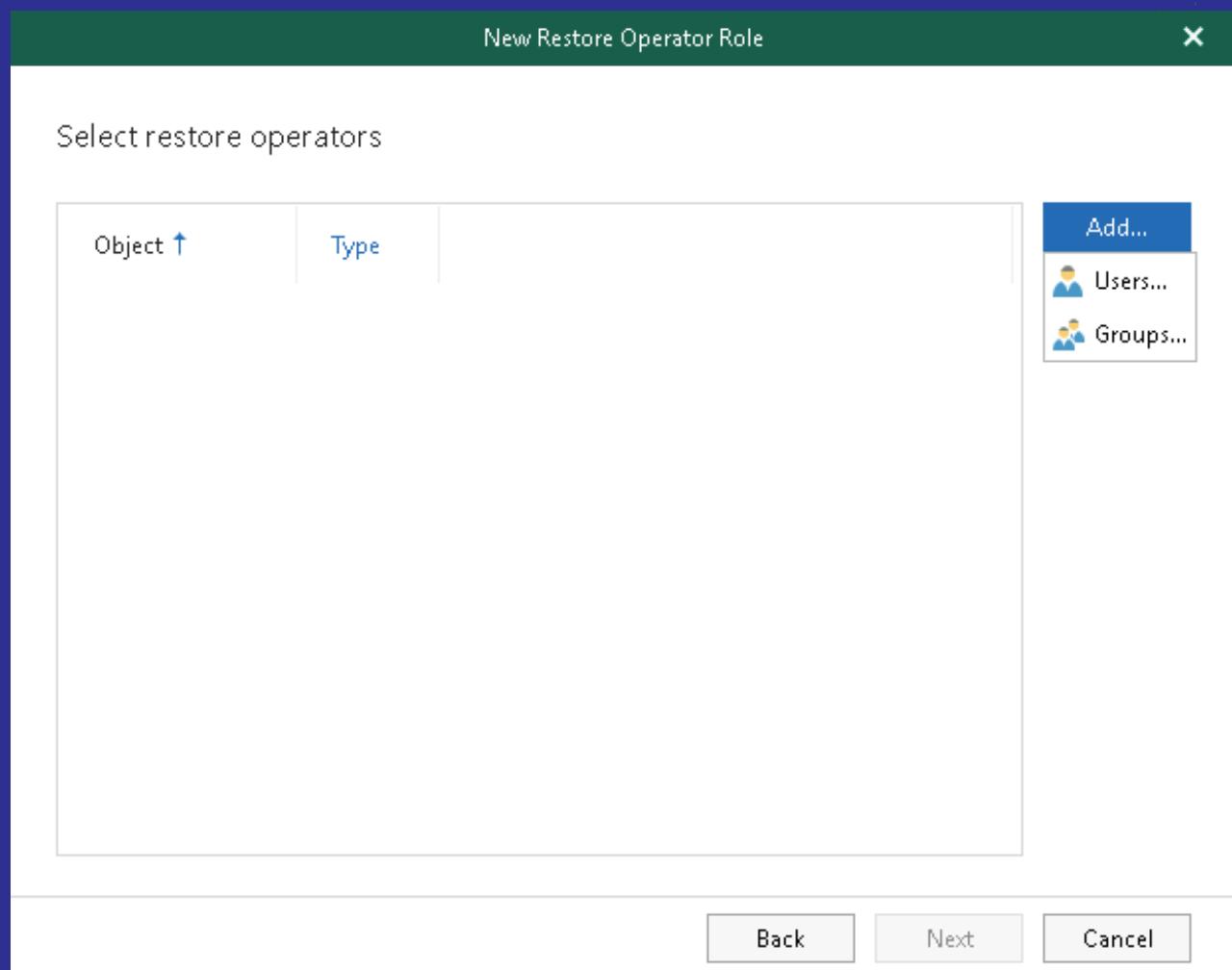
Description:

Next Cancel

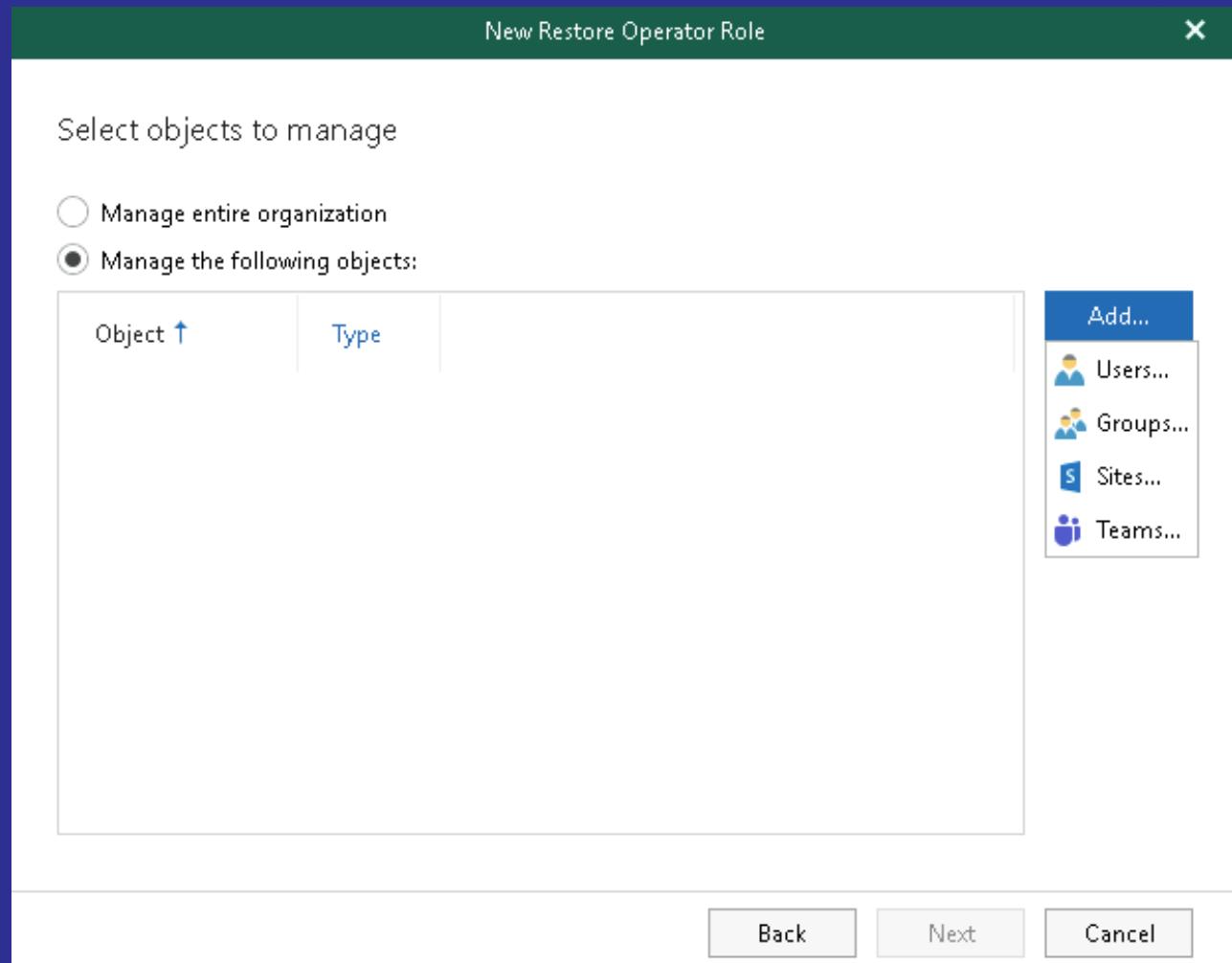
Restore operator configuration



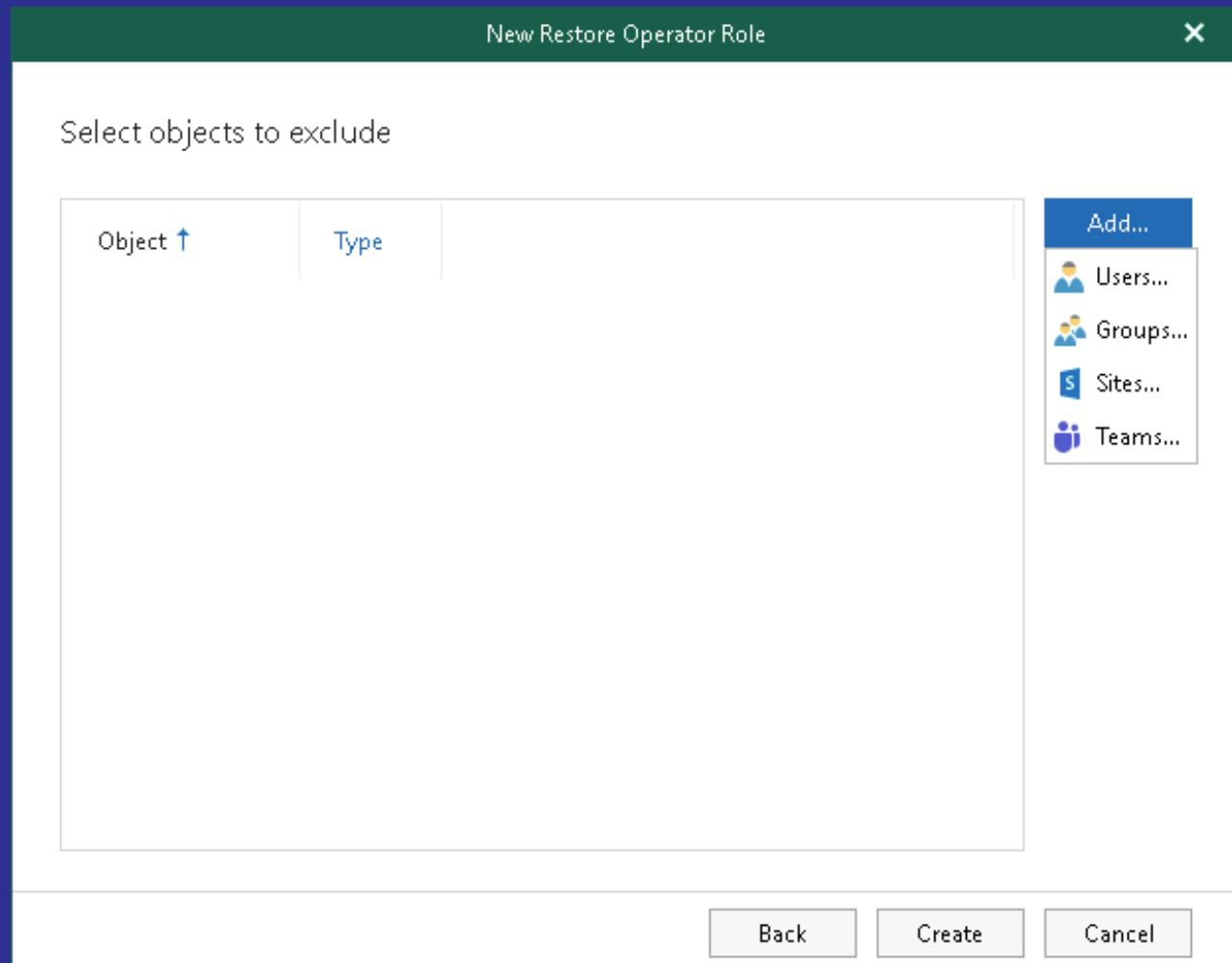
Restore operator configuration



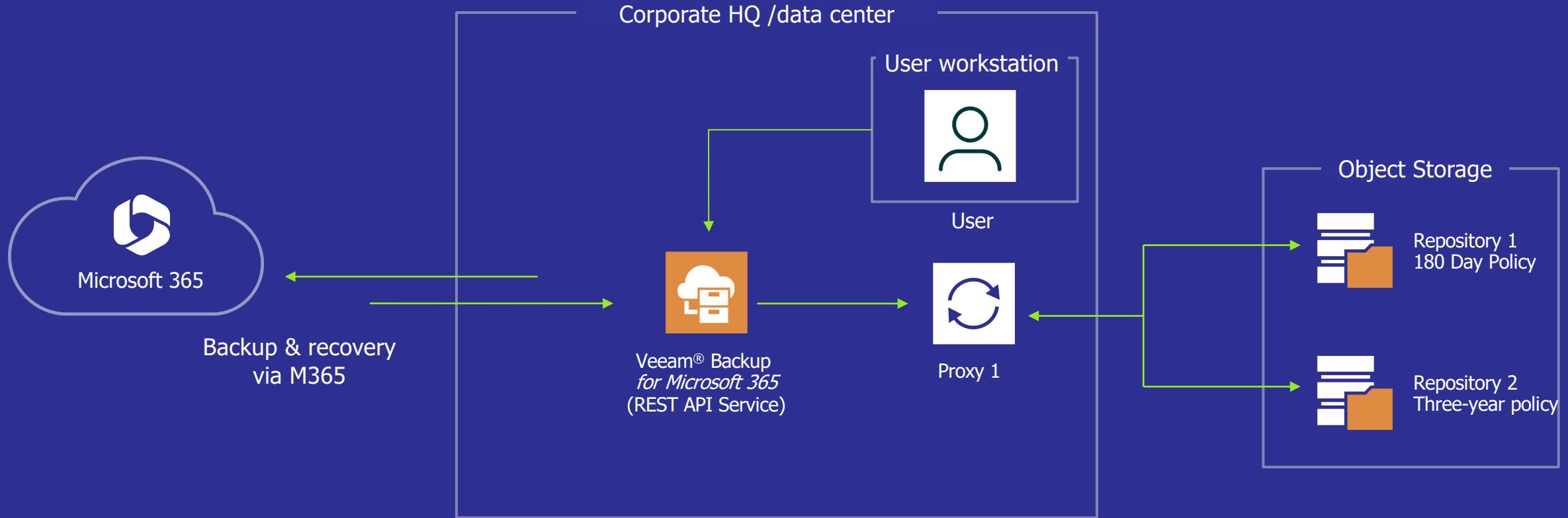
Restore operator configuration



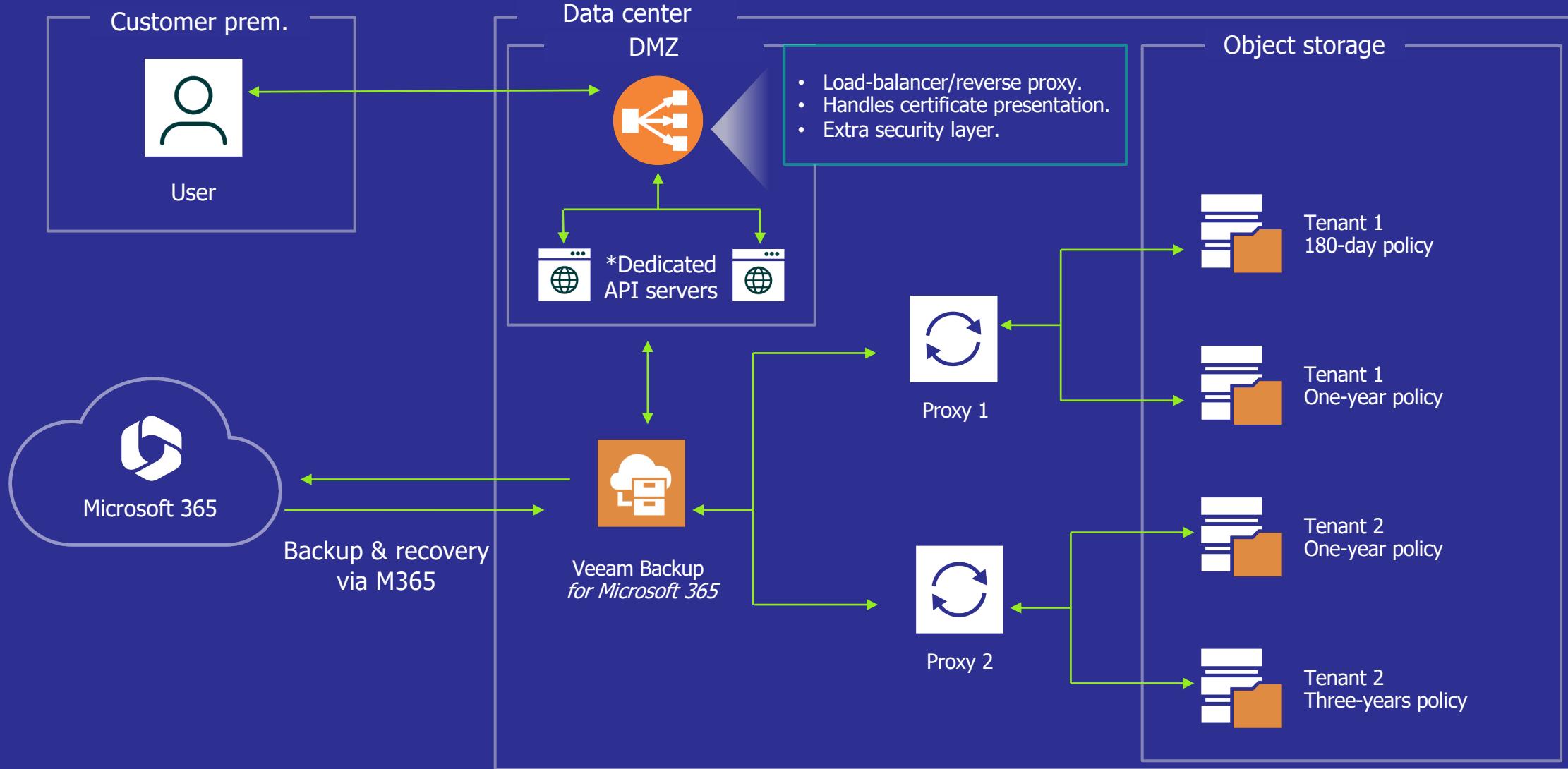
Restore operator configuration



Self-service restore portal (simple)



Self-Service restore portal (advanced)



Lessons from the field

Use a load balancer or reverse proxy in front of the SSP (self-service portal)

- To restrict network access to self-service portal API or controller servers.
- To present trusted certificates for self-service portal URL.

Maintain trusted certificates for one or more web-based services from a single system.

- Enables use of multiple dedicated REST API servers.
- Easier to include in initial design vs. add to design after the fact.

Lessons from the field

Maintain good certificate health

- Set **Friendly name** in certificates to something descriptive for ease of use.
- Use trusted certificates for your REST API servers.
- Use self-signed certificates for Azure AD applications.

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Diving into Azure permissions

Demo

Lessons from the field

Single M365 organization

- Two different Azure AD applications will exist.
 - One for protecting & restoring data.
 - One for enabling restore portal authentication

Multiple M365 organizations

- One Azure AD application exists for each organization to protect data.
 - Only one restore portal Azure AD application exists.
Remaining organizations *trust* restore portal Azure AD application.
- VCSPs:** This application should exist in your Azure account. No M365 required.



**Automate restore
portal setup**



**Automate Trust
Creation**



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Veeam Service Provider Console Enhanced integration demo



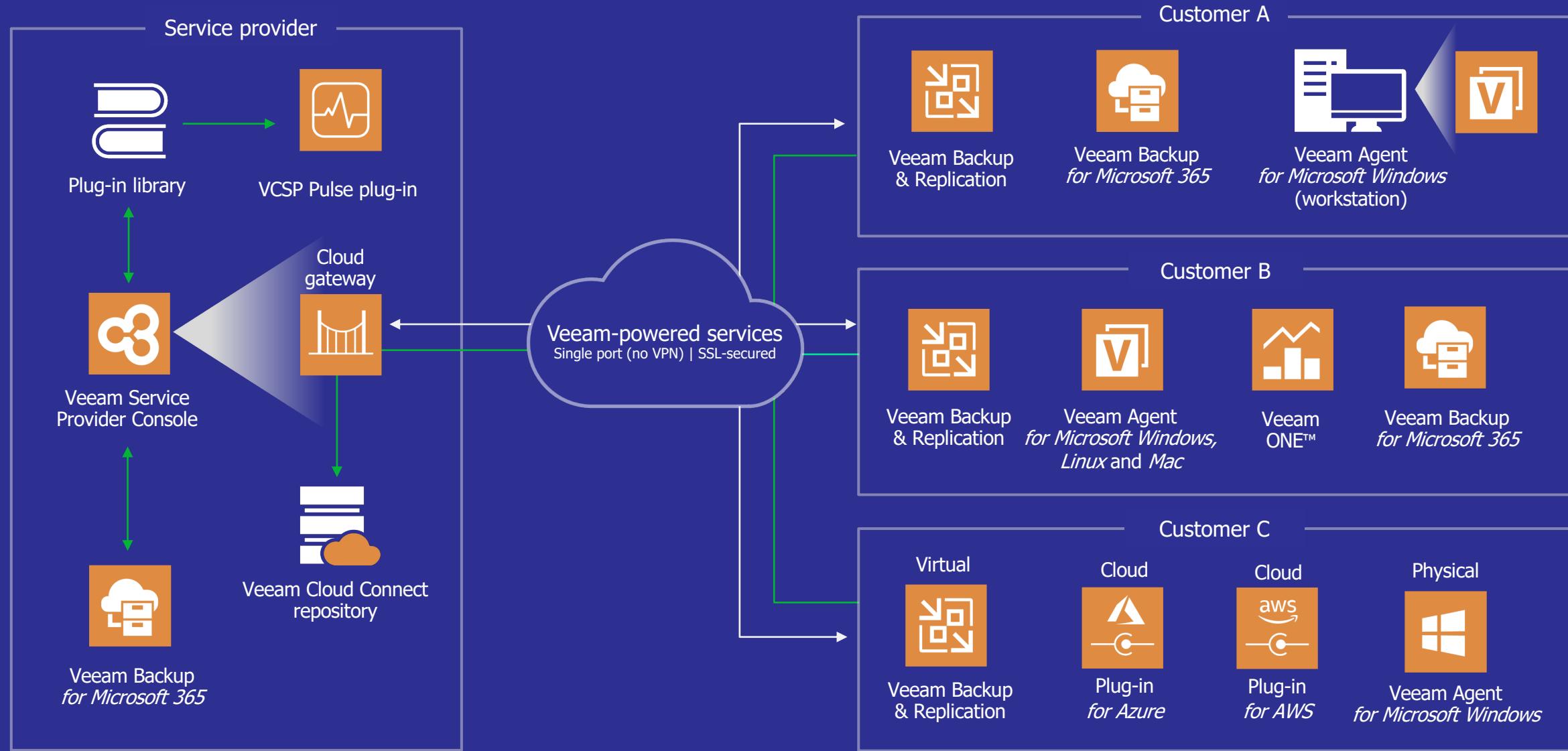
Questions?

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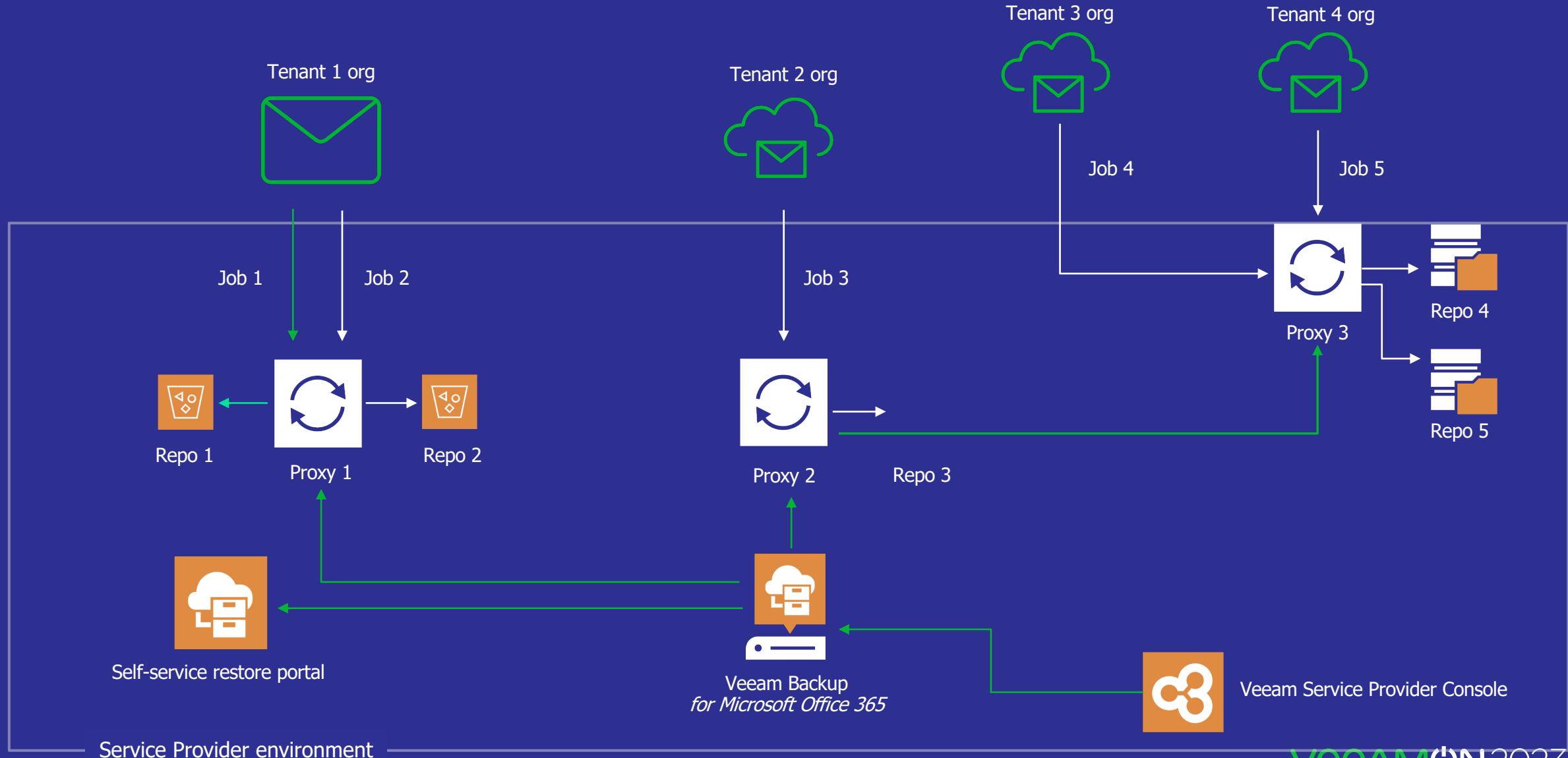


Veeam Service Provider Console

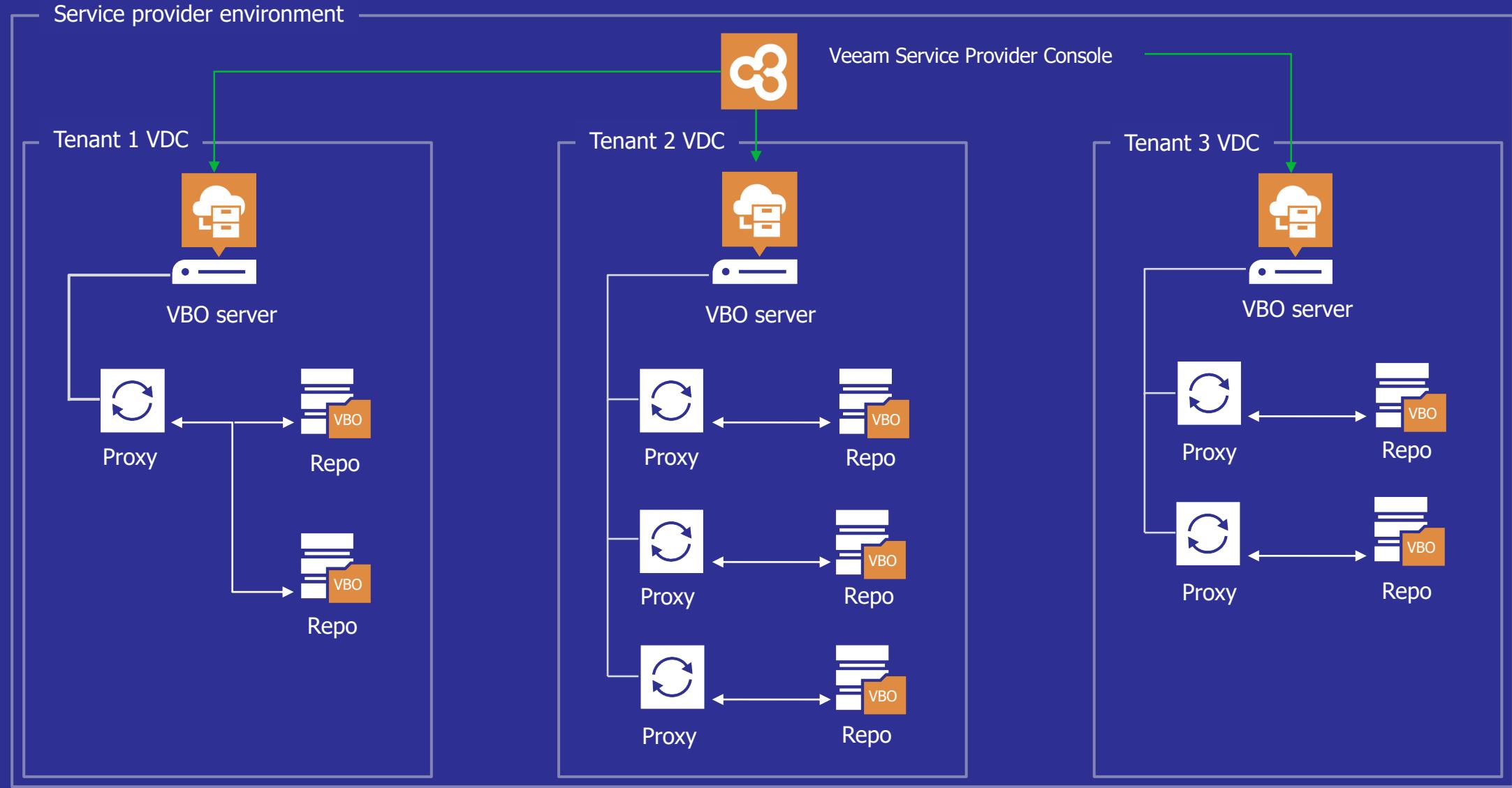
— Remote management and monitoring
— Backup/recovery



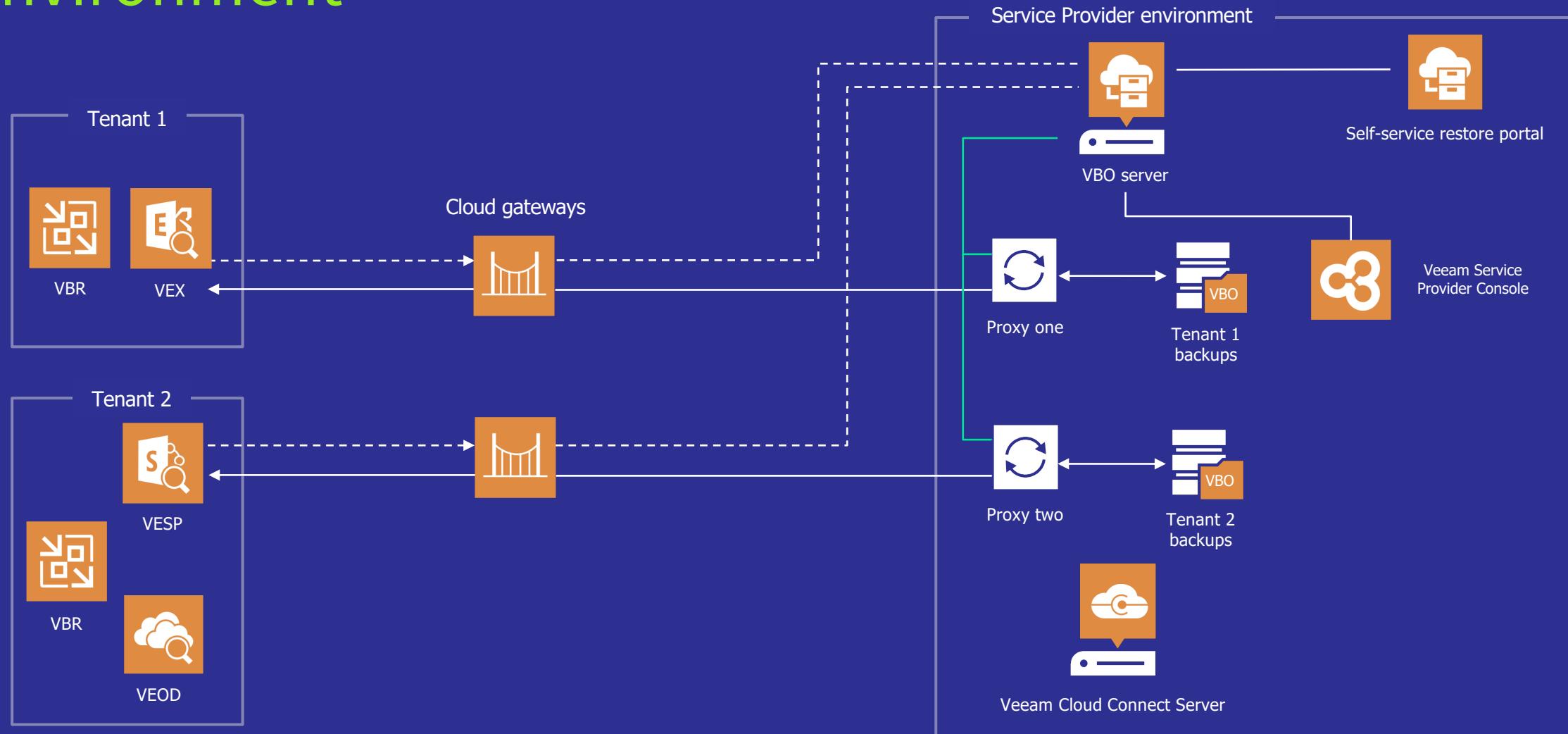
Scenario 1: Multi-tenant deployment



Scenario 2: Separate VB365 instances

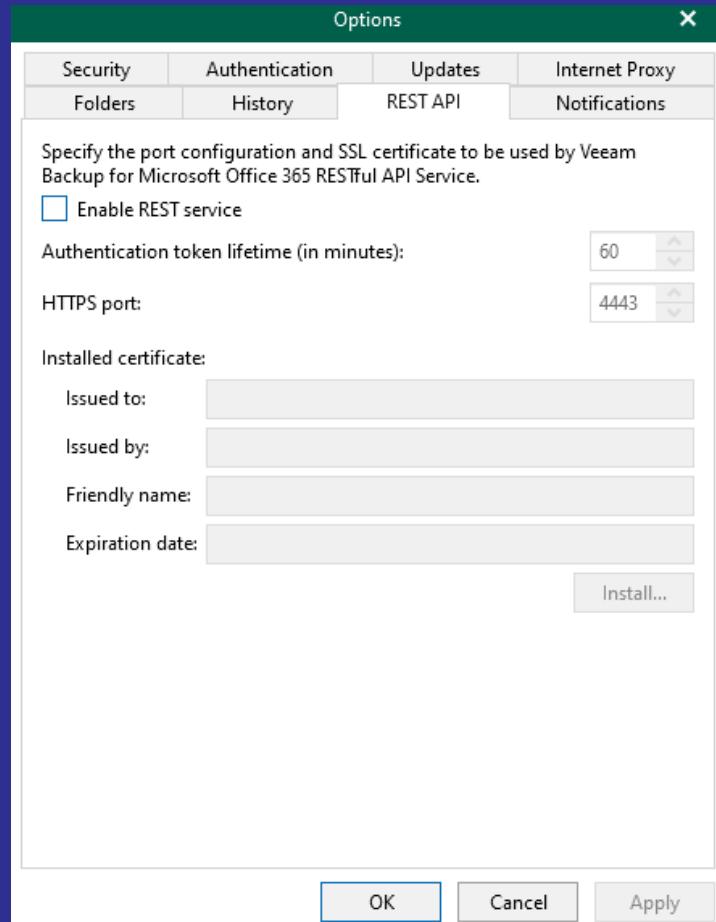


Scenario 3: utilize existing Veeam Cloud Connect environment

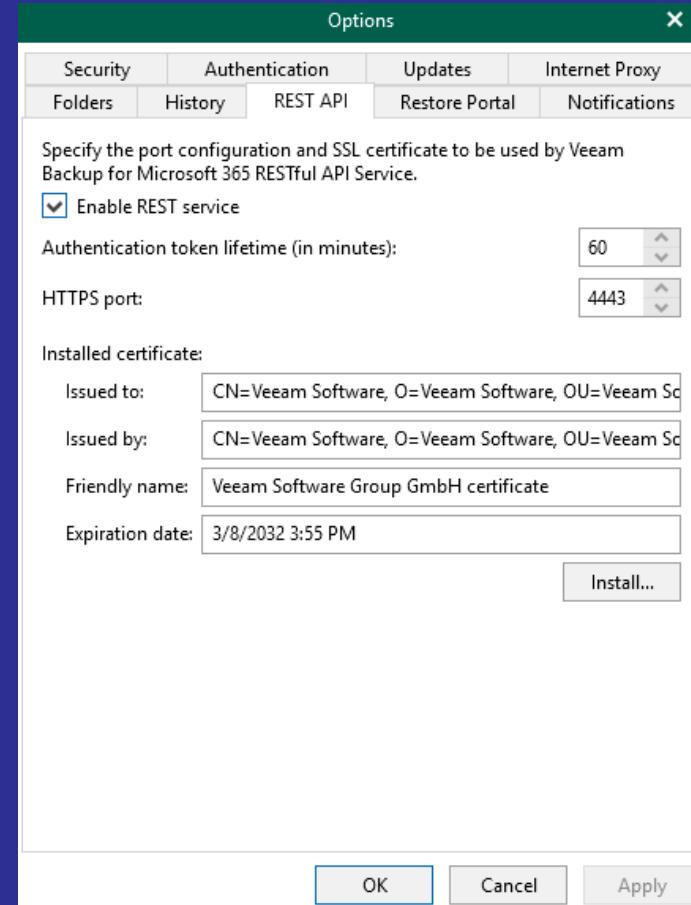


REST API configuration

v5



v6



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Backup for Microsoft 365 v6

New features to enhance your current offering



Chris Arceneaux

Senior Solutions Architect
chris.arceneaux@veeam.com
@chris_arceneaux



Tim Hudson

Senior Solutions Architect
timothy.hudson@veeam.com
@vL0bster

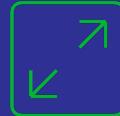


Office 365 backup solution checklist



Features

- Back up Exchange Online/on-premises
- Back up SharePoint Online/on-premises
- Back up OneDrive for Business
- Back up Microsoft Teams
- 40+ restore options



Flexibility and choice

- Deploy on premises or in the cloud
- Utilize any storage target you want
- No lock-ins, switch storage anytime
- Flexible job configurations



Innovation

- Simple UI, powerful features
- Implement customer feedback
- Easy tools for eDiscovery



Scale

- Handles large number of users
- SMB friendly
- Backup proxies



Integration

- Natively integrated with Office 365
- Large ecosystem of service providers
- Integrated with hyperscale clouds
- S3-compatible



Breadth of service

- Veeam Data Platform:
Cloud, physical, virtual

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Veeam Backup for Microsoft 365

v6 New features

Key NEW V6 features



Self-service restore portal

Allowing end-user restores
and restore operator role
(for MSPs)



Automatic update

Install > updates for Veeam Backup
for Microsoft 365 in the background
avoiding interruptions of your backup
and restore operations



Integration with Veeam Service Provider Console

For centralized license provision
and usage reporting



Self-service restore portal

NEW self-service restore portal

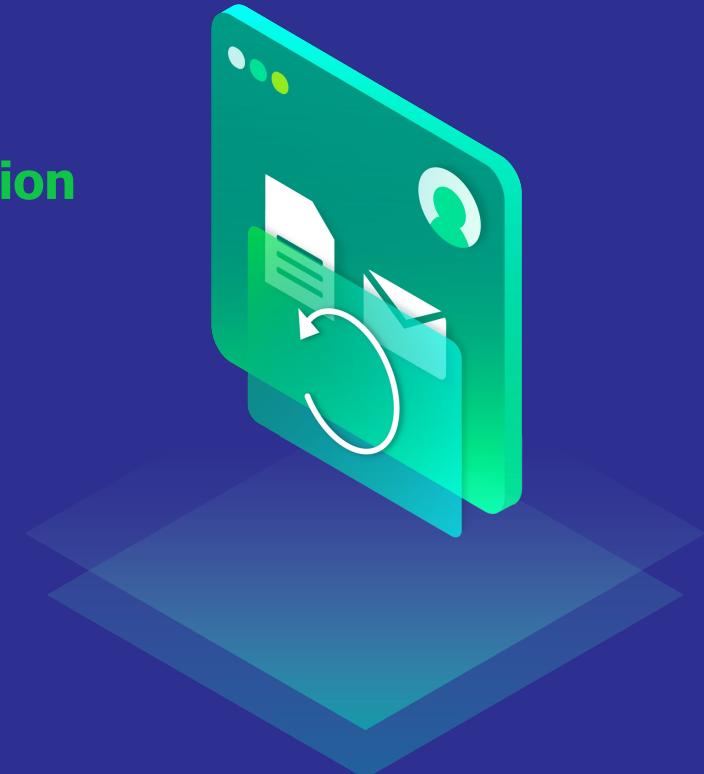
Now the #1 provider of Microsoft 365 backup is empowering IT administrators to securely delegate restores of emails, files and more with the **self-service restore portal** for Microsoft 365 environments



Provides one centralized location to efficiently divide restore permissions and access across your organization



Enables restore access without the need to provide direct access to the backup server





Exchange Online and Exchange On-Premises

Restore Exchange item to Exchange Online mailbox or calendar	Restore Exchange item to on-premises Exchange mailbox or calendar
Restore Exchange items to another location	Email Exchange item as an attachment
Entire folder/mailbox compare and restore of missing/changed items	Export folder, item or mailbox as a .PST
Save Exchange items as a .MSG	Self-service restores for Exchange items
	Service provider restore of an Exchange item for a tenant



Microsoft Teams

Restore a Team with its membership and settings	Restore missing/changed Team membership	Restore a tab to original location	Restore posts back to the original Team	Restore changed or missing items and files	Restore any file to its prior version	Restore channel to original location	Restore file to original location	Self-service restores of an entire team
Export or restore selected posts	Export or restore posts within the specified time period	Exporting post as HTML	Save multiple or individual files	Save multiple files as ZIP	Save or send posts as MSG files	Send file as attachment	Service provider restore of Teams items for their tenant	Self-service export of team posts to an HTML file



OneDrive for Business

Restore users, folders or files (including OneNote notes) to OneDrive for Business	Email as an attachment	Save files or folders	Save multiple files or folders as a ZIP
Restore any file to a prior version	Restore and overwrite users, folders or files	Restore but keep original users, folders or files	Restore with extended attributes and custom access controls
Restore without extended attributes and custom access controls	Self-service restores for OneDrive for Business files	Service provider restore of a OneDrive file, folder or user for a tenant	Self-service restores for OneDrive for Business folders



SharePoint Online and SharePoint On-Premises

Restore online site, library, document to SharePoint Online	Restore on-premises site, library, document to On-Premises SharePoint
Restore an object to a prior version	Restore SharePoint items to another location
Email SharePoint objects as an attachment	Save SharePoint object as a file
Save multiple SharePoint objects as a ZIP	Self-service restores for SharePoint objects
Service provider restore of a SharePoint object for a tenant	Self-service restores for SharePoint Online folders

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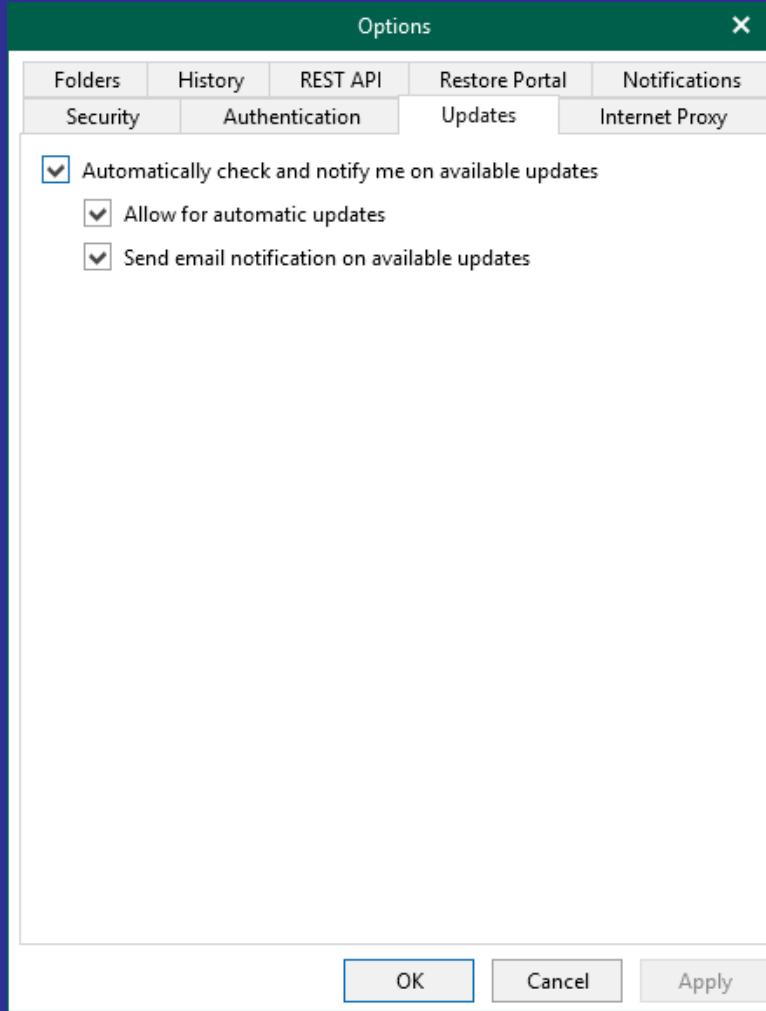
Recovery options in
Veeam Backup for Microsoft 365

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Automatic update



Automatic update



Quickly address M365 breaking changes

Check online for critical updates

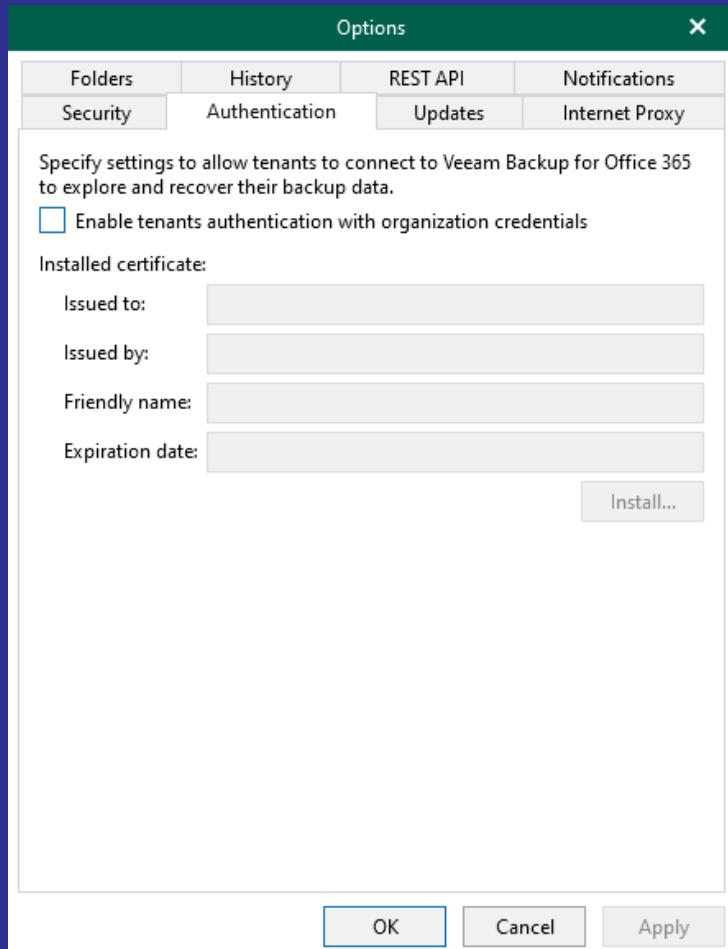
Download critical updates

Notifies via e-mail

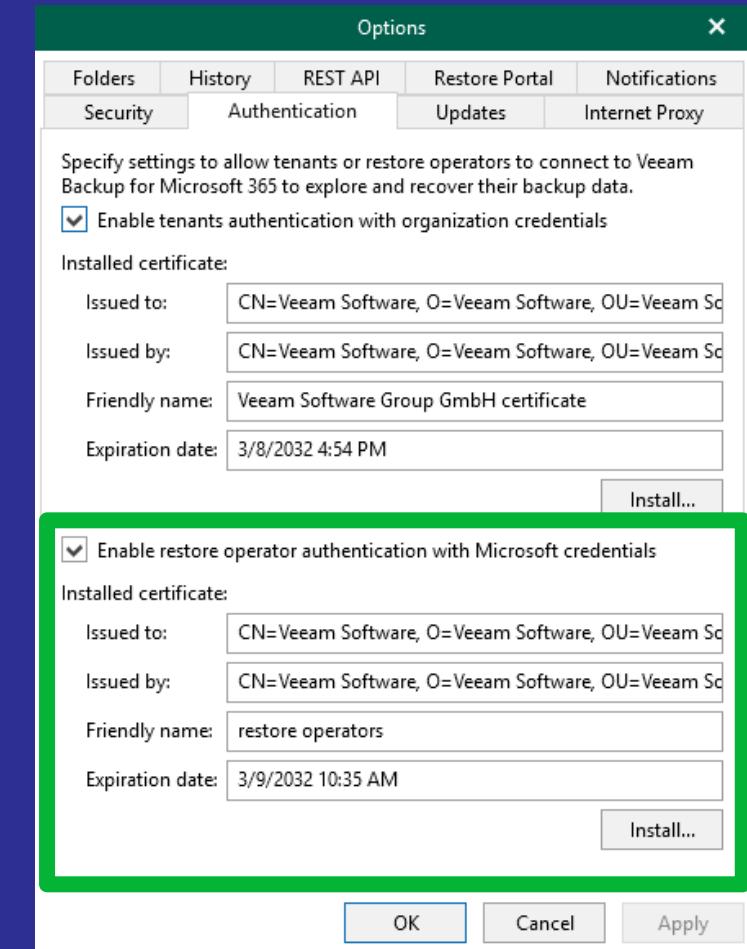
Installs critical updates automatically when load is minimal

Restore operator auth configuration

V5



V6





Thank you!

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