

veeam

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copaco

Hand on Labs

Bart Pellegrino

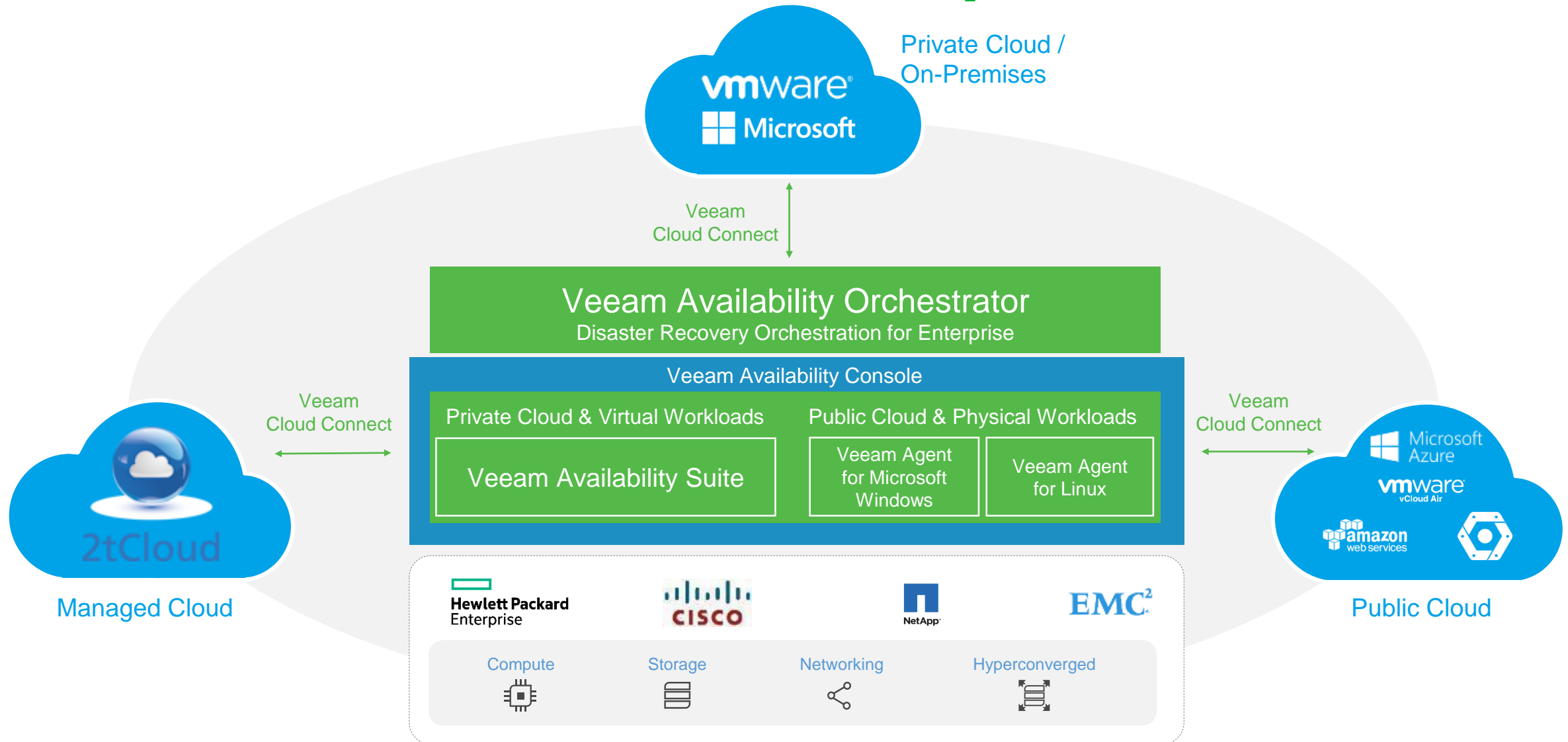
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Veeam Availability Platform



Veeam Backup

for Microsoft Office 365

Veeam Backup *for Microsoft Office 365*



Maintain email access
by securely backing up
Office 365 email data
back to your environment



Avoid data loss via quick
recovery of individual
mailbox items with best-
of-breed granularity

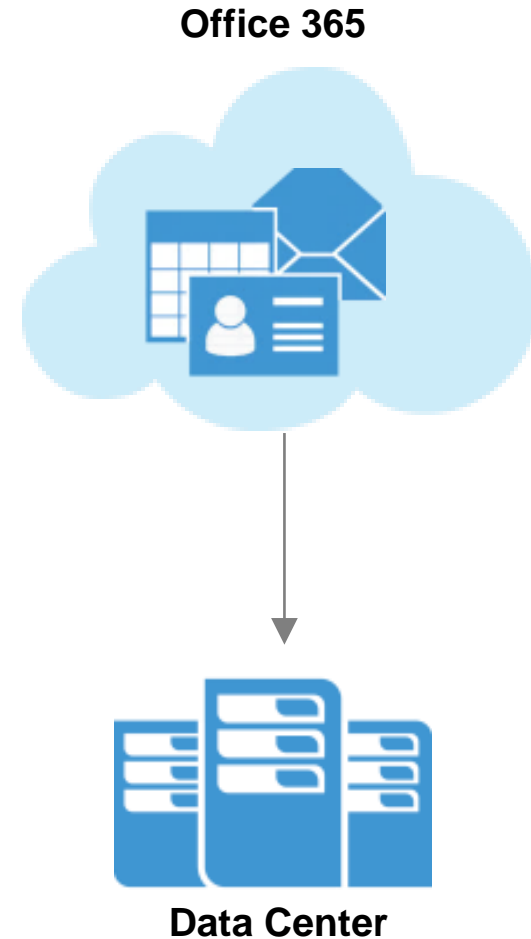


Satisfy legal & regulatory
requirements with
efficient eDiscovery of
email archives

The need for Office 365 backup

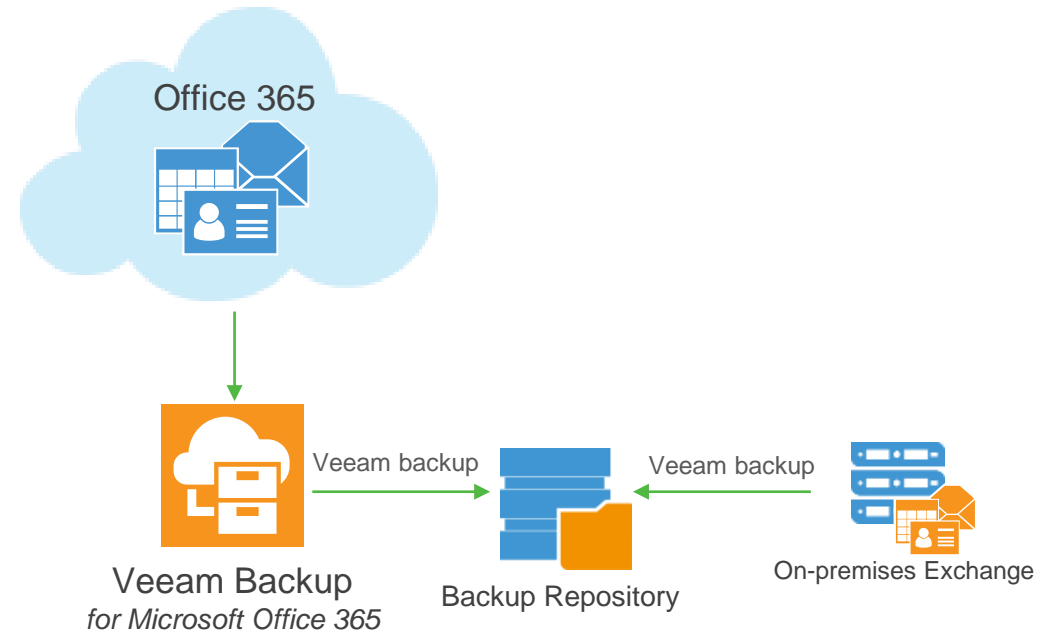
Microsoft Office 365 enables your Always-On Enterprise™ to work anywhere, anytime without the need to maintain your own email infrastructure.

However, it doesn't replace the need to have a local backup of your email data.



Veeam Backup *for Microsoft Office 365*

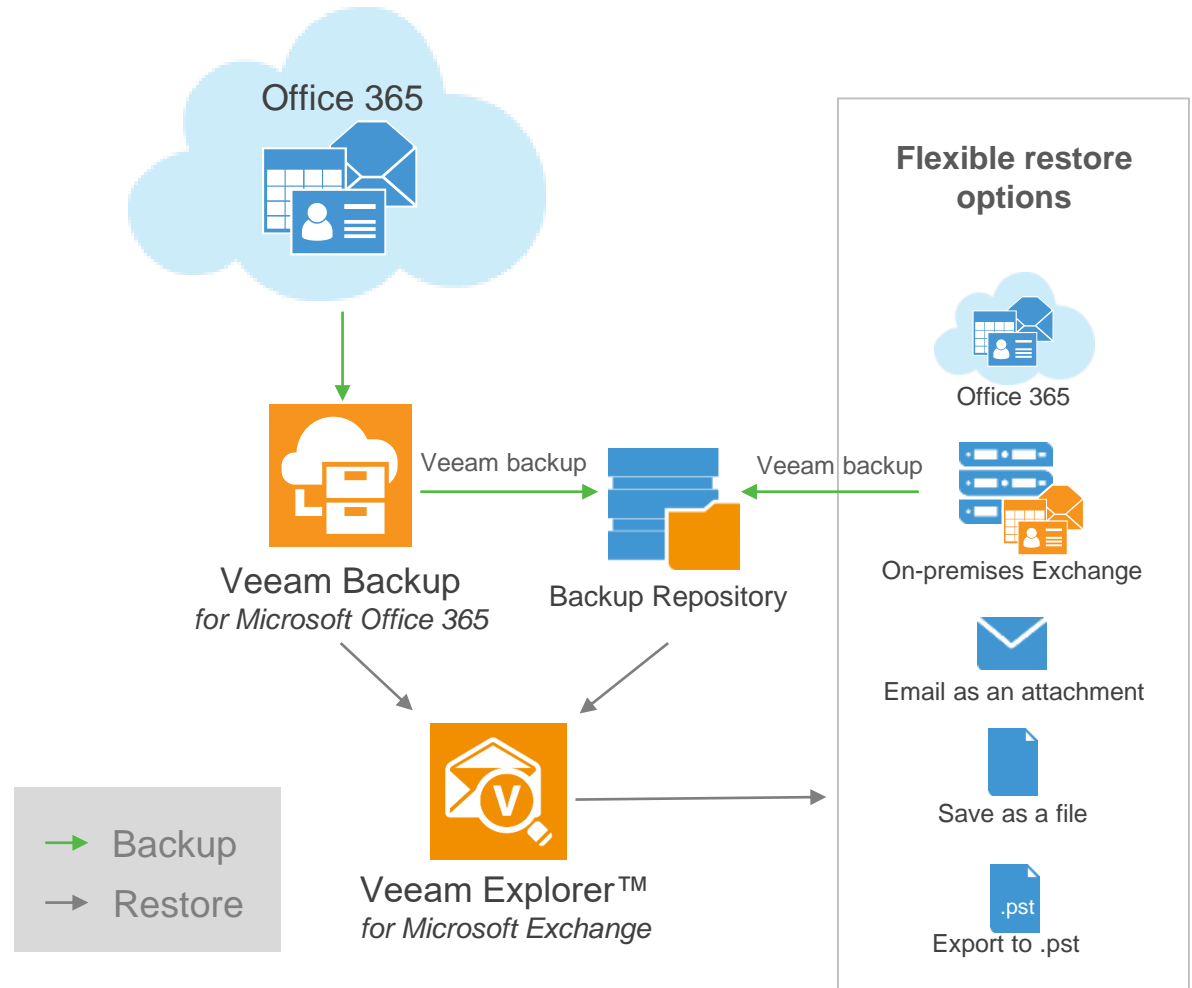
**Securely backup Office 365 email
data back to your environment**



Veeam Backup *for Microsoft Office 365*

Securely backup Office 365 email data back to your environment

Quickly recover individual mailbox items with best-of-breed granularity

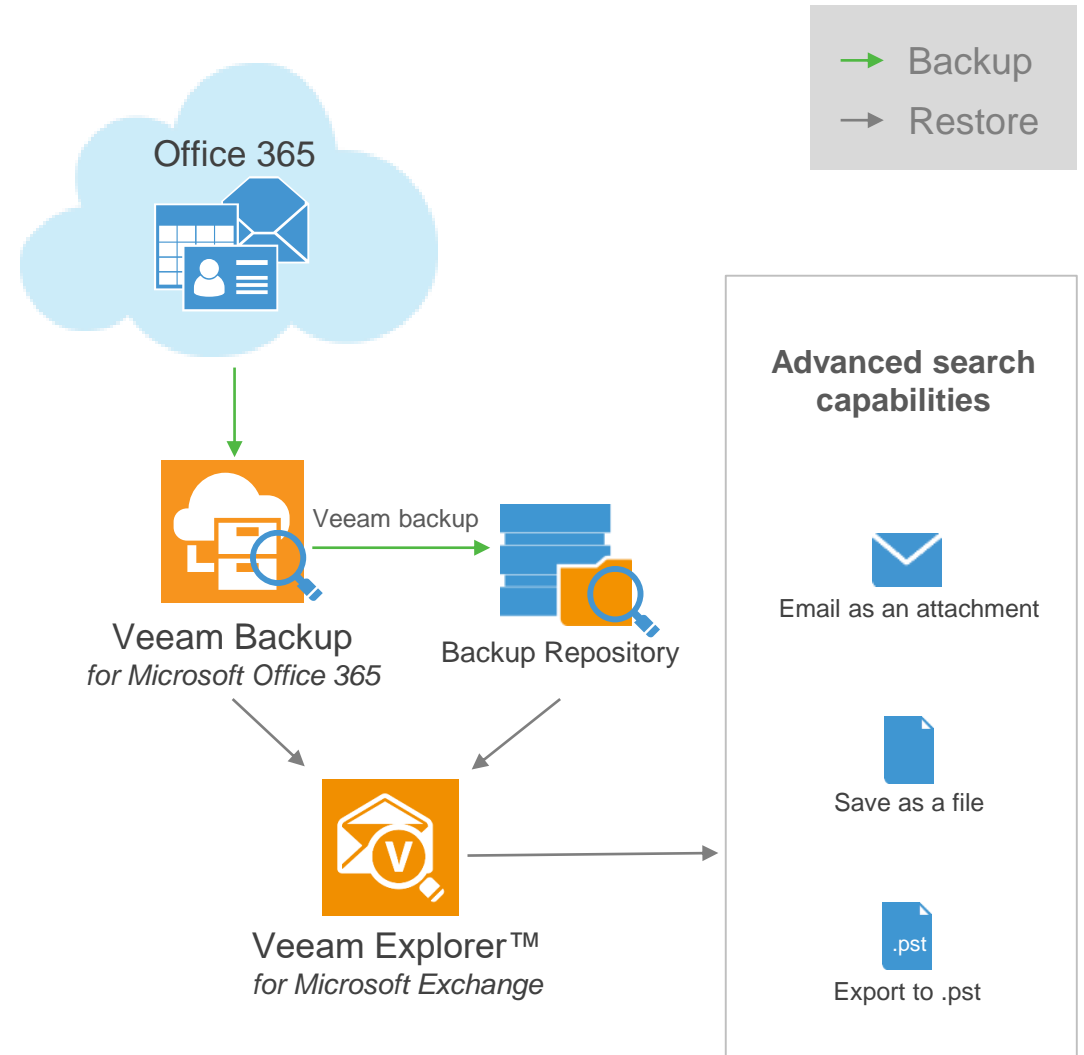


Veeam Backup *for Microsoft Office 365*

Securely backup Office 365 email data back to your environment

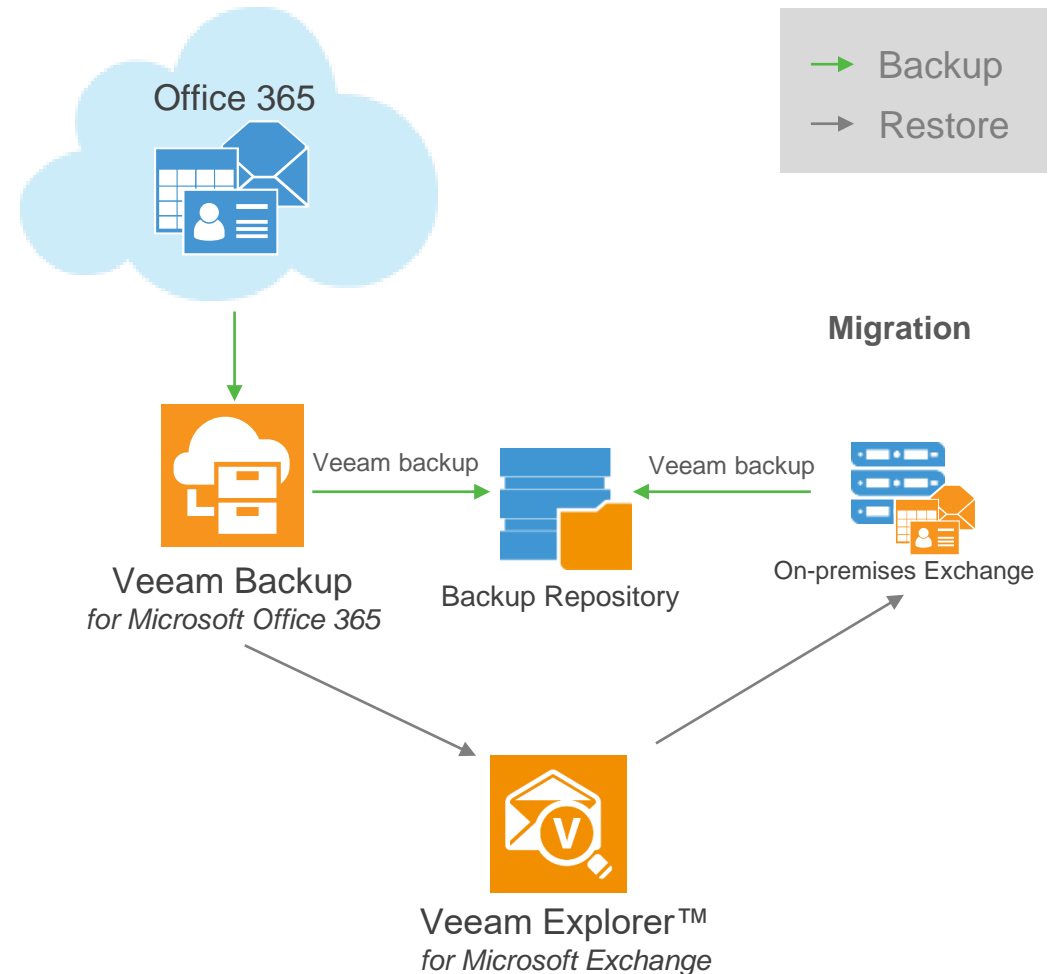
Quickly recover individual mailbox items with best-of-breed granularity

Efficiently perform eDiscovery of email archives

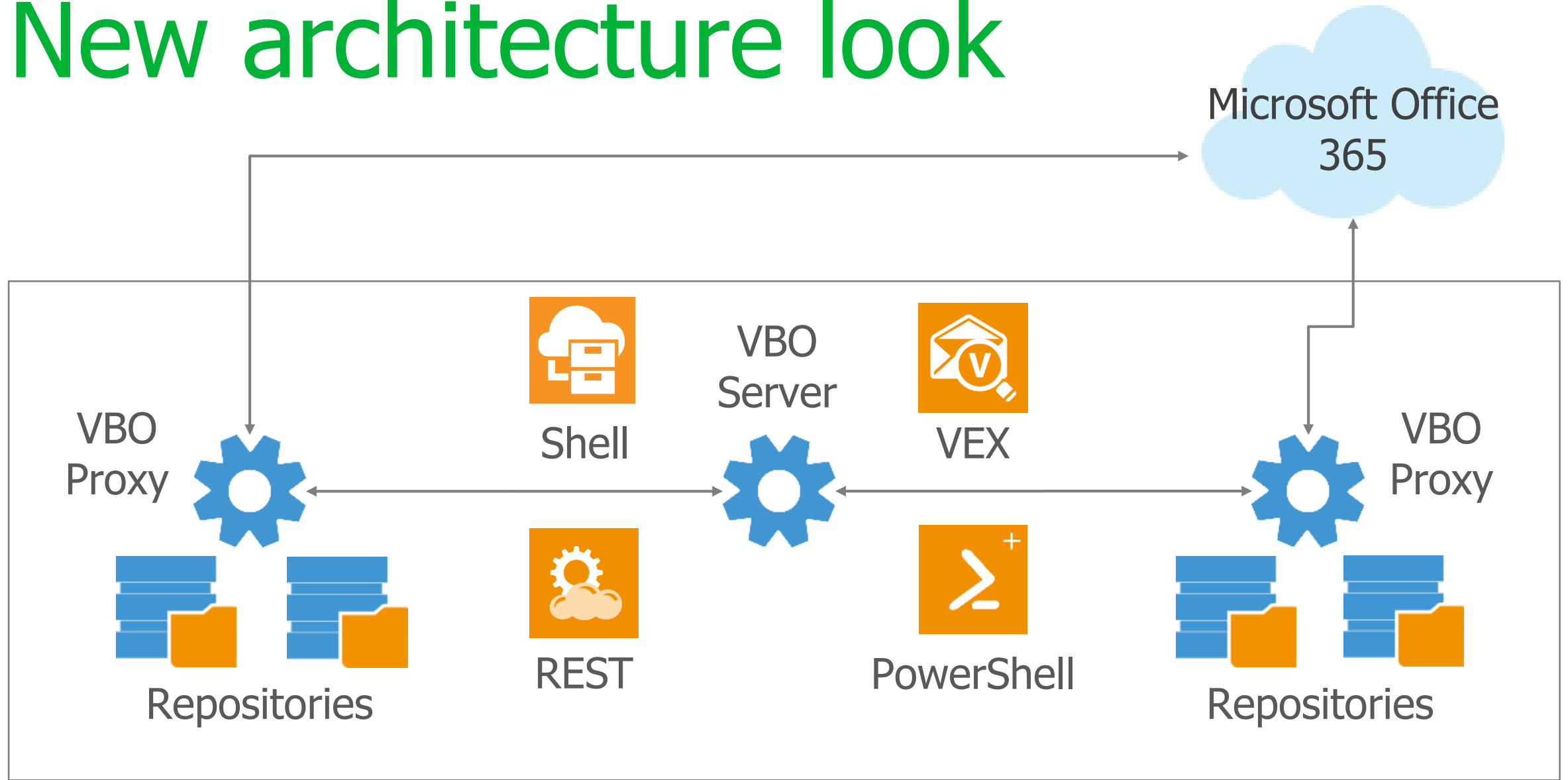


Veeam Backup *for Microsoft Office 365*

Integrated with Veeam Backup & Replication, you can backup hybrid cloud environments and migrate mailbox data between Office 365 and on-premises Exchange.



New architecture look



NEW Veeam Backup for Microsoft Office 365 **2.0**

Much-requested support for...



SharePoint
Online



OneDrive
for Business



VEEAM BACKUP FOR MICROSOFT OFFICE 365

HOMEJOBS

StartStopEnableDisableEditDeleteExplore

Job ControlManage JobIntegration

ORGANIZATIONS

Organizations

veeambackupdiv3.onmicrosoft.de

veeambackupdiv3.onmicrosoft.com

Last 24 hours

Running (1)

Completed

NAME ↑

STATUS

DETAILS

LAST BACKUP

NEXT RUN

REPOSITORY

OneDrive job	Success	Transferred: 3,4 KB (1 item) at 2 B/s (0 it...	30.04.2017 19:35	01.05.2017 1:00	Default Backup Repos...
Job 1		511589 items) at 7,...	30.04.2017 17:36	01.05.2017 1:00	Default Backup Repos...

STATUS

Session status: Su

Bottleneck: So

Last backup: 01.

ErrorsWarningsSuccess

ACTION

Job started at 30.04.2017 23:38:38

Connected to organization

Mailboxes enumerated: {0} found

Processing mailbox: kyasyuk@veeamba

Processing mailbox: mresseler@veeam

Processing OneDrive: Kostya Yasyuk

Transferred: 3,4 KB (1 item) at 2 B/s (0 it

Job finished at 01.05.2017 0:00:47

StartStopExplore latest Exchange state of Monday 01.05.2017, 0:00Explore Exchange point-in-time state...Explore latest OneDrive state of Monday 01.05.2017, 0:00Explore OneDrive point-in-time state...

Summary

Duration: 22 minutes 8 seconds

VEEAM EXPLORER FOR MICROSOFT SHAREPOINT

HOMELIBRARY

Restore LibraryExport LibrarySave LibrarySend LibraryAdvanced Find

RestoreSearch

CONTENT DATABASES

Databases

veeambackupdiv3.onmicrosoft.com

OneDrive of Kostya Yasyuk

Search OneDrive of Kostya Yasyuk

NAME	SIZE	VERSION	CHECKIN COMMENT
Folder 2		1.0	
Generated		1.0	
Generated (Small)		1.0	
Generated Subfolders		1.0	
1024.bin	1 GB	1.0	
Document22.docx	11,2 KB	9.0	
Rnd_64.bin	64 MB	1.0	

ORGANIZATIONS

BACKUP INFRASTRUCTURE

HISTORY

LICENSES USED: 2

Veeam Agents

The background features a solid blue upper half and a lower half with a green-to-blue gradient. A series of wavy, dotted lines in green and blue sweep across the bottom half of the image, creating a sense of motion and depth.

What is an agent?

Persistent software that runs continuously within the operating system.

Required for protecting:

- Physical servers, workstations and endpoints
- Workloads running in Microsoft Azure, AWS or other public cloud
- Veeam restore options that enable workload mobility



Why agents?

1

Required to interact
with public cloud
architectures

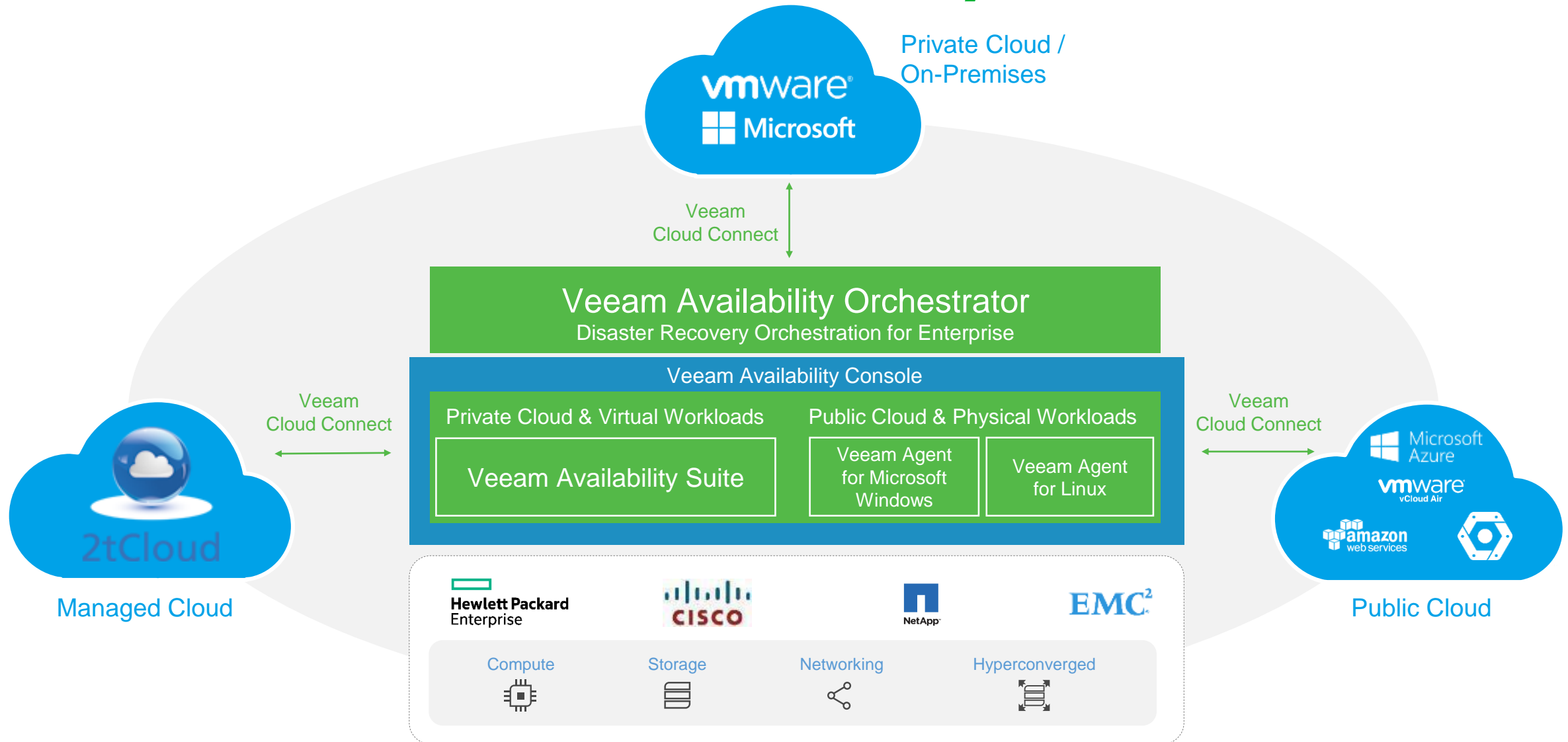
2

Better interaction
with physical servers
and workstations

3

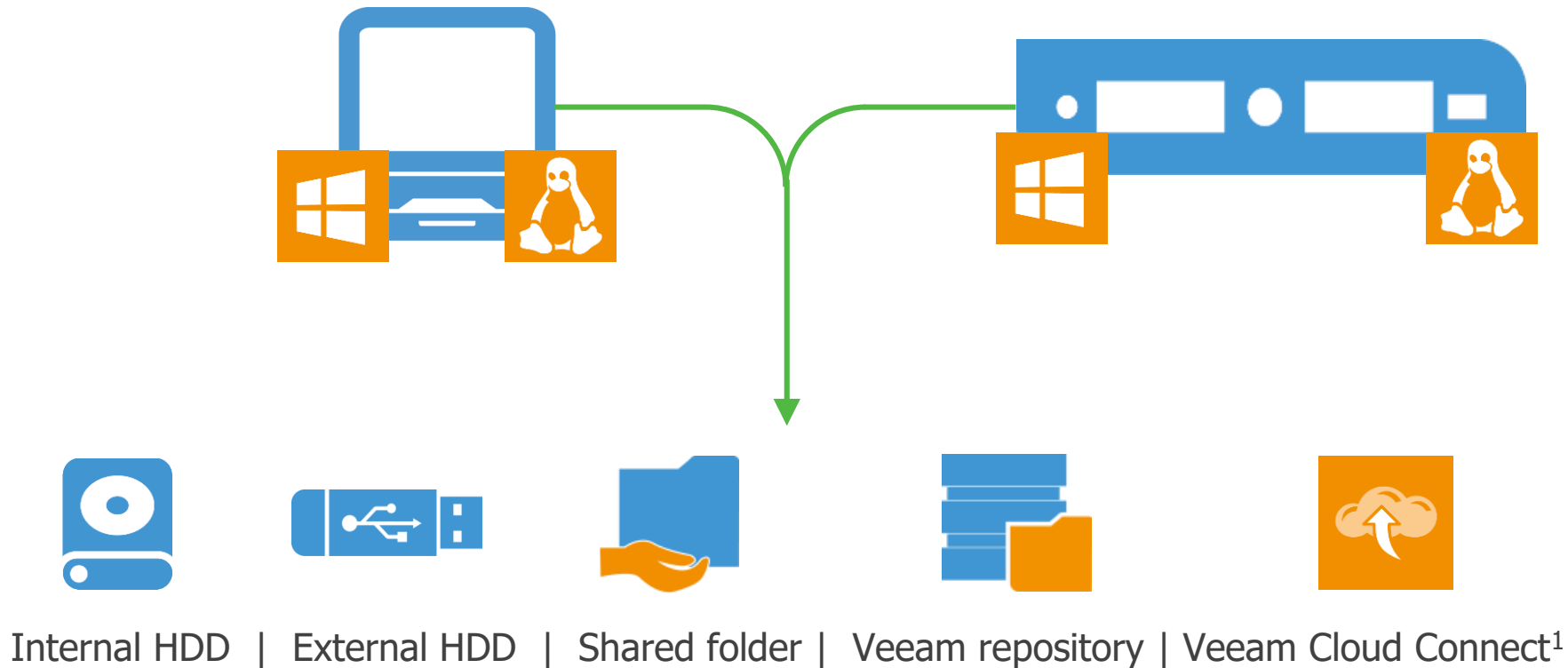
**Agentless is STILL
superior in
virtualized
environments**

Veeam Availability Platform



Veeam Agents

Protect servers and workstations on-premises and in the cloud
Plus supports non-vSphere/Hyper-V hosts (other hypervisors)



¹ Veeam Cloud Connect support currently only available in Veeam Agent *for Microsoft Windows*

Agent Backup

Veeam Agent Beta

STATUS

SETTINGS

SUPPORT

ABOUT

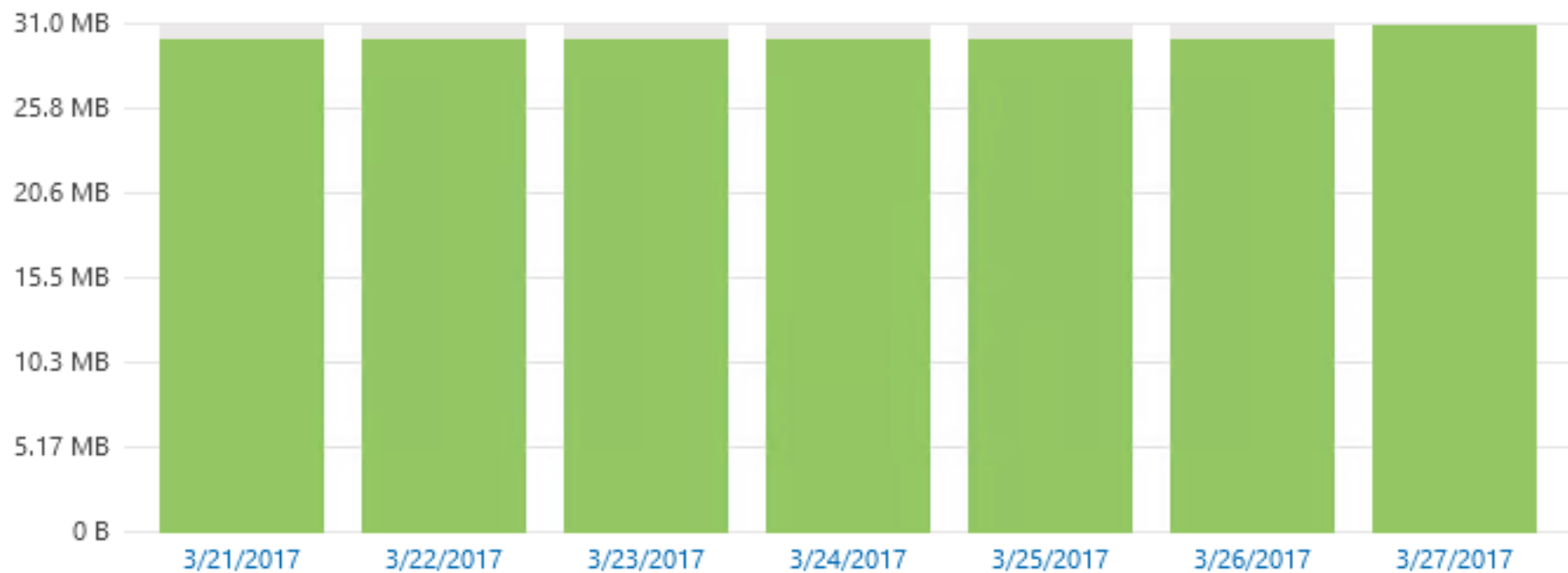


Last backup:
3/27/2017

Backup Now



Configure backup



Agent Recovery

Veeam Endpoint Recovery



Bare Metal Recovery

Restore Veeam endpoint backup to the original or a new computer.



Windows Recovery Environment

Launch Microsoft Windows system image recovery environment.



Tools

Browse tools for system management and diagnostics.

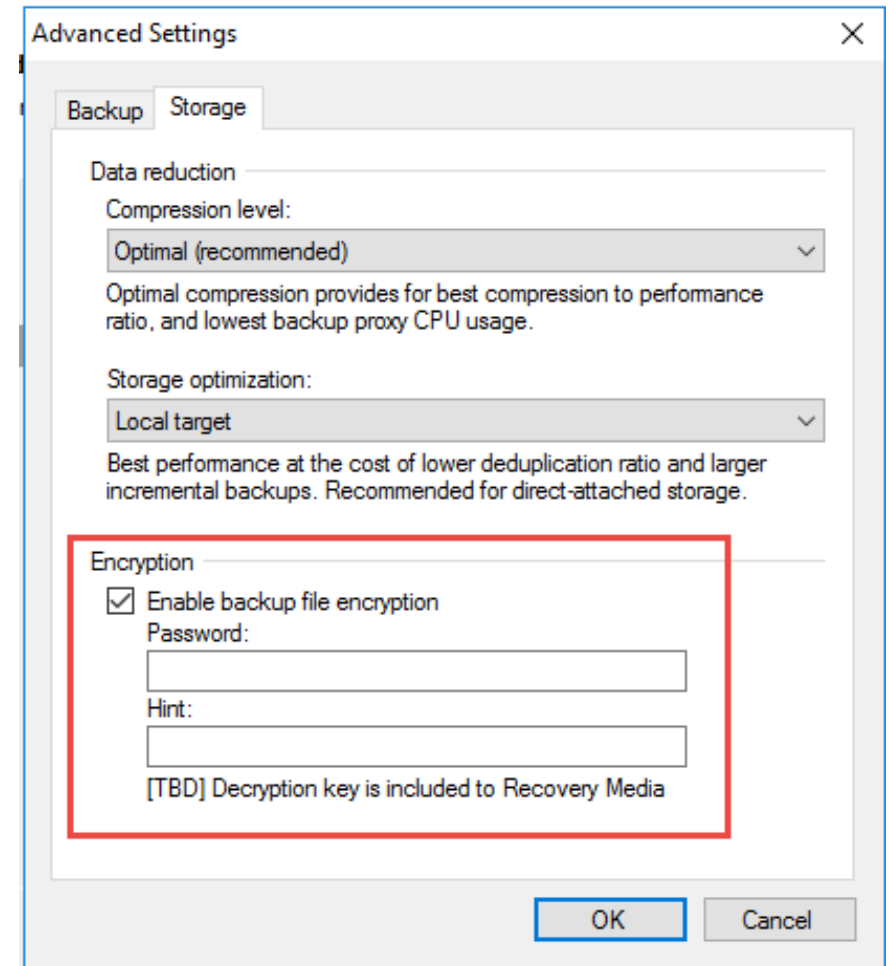


Agent Recovery



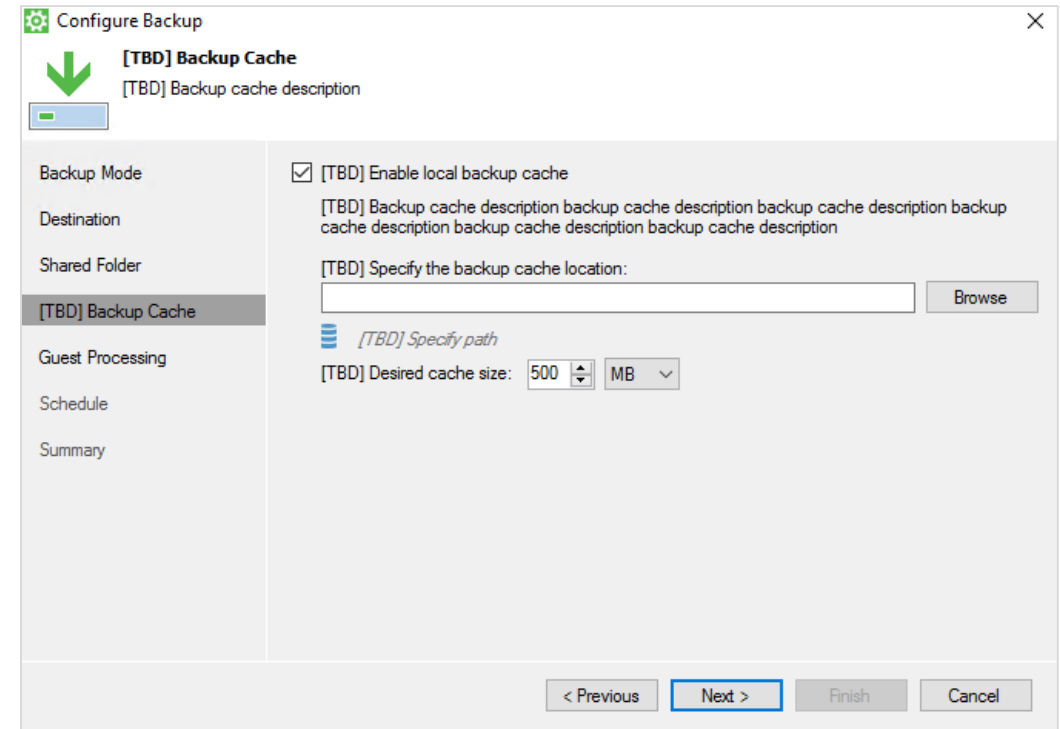
Veeam Agent *for Microsoft Windows*

- ***Free Edition***
- Instant Recovery to Hyper-V VM
- Direct Restore *to Microsoft Azure*
- Source-side encryption
- Flexible backup modes



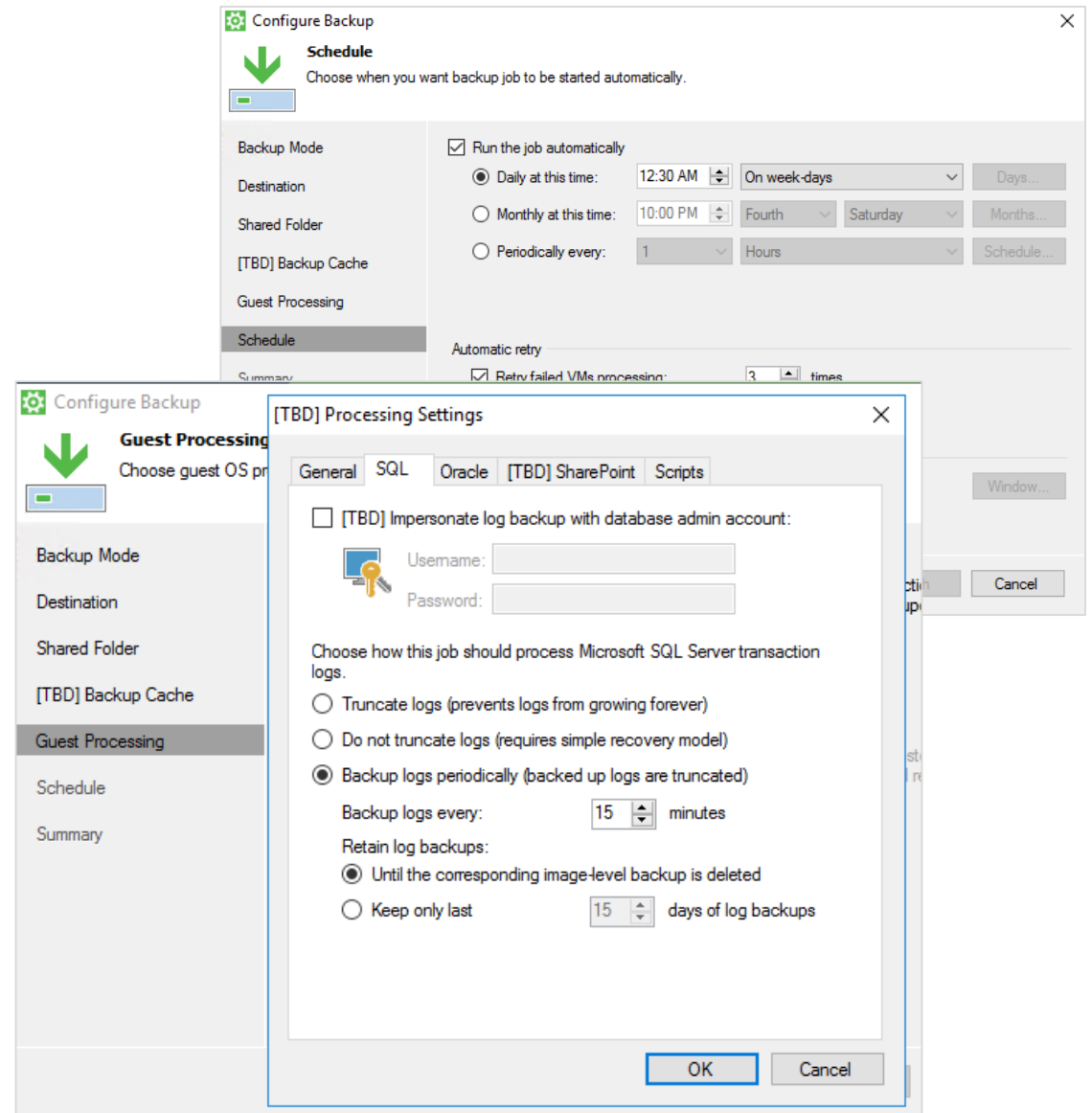
Veeam Agent *for Microsoft Windows*

- ***Workstation Edition***
- Free Edition, **plus...**
- 24.7.365 technical support
- Remote configuration and management API
- Endpoint protection for mobile users
- Back up directly to Veeam Cloud Connect repository



Veeam Agent *for Microsoft Windows*

- ***Server Edition***
- Workstation Edition, **plus...**
- ***FULL server support!***
- Application-aware processing
- Transaction log backup
- Guest file system indexing and catalog search



Veeam Agent *for Microsoft Windows*

	Free	Workstation	Server
Instant Recovery to Microsoft Hyper-V VM	●	●	●
Direct Restore <i>to Microsoft Azure</i>	●	●	●
Source-side encryption	●	●	●
Endpoint protection for mobile users		●	●
Back up directly to Veeam Cloud Connect		●	●
Remote configuration and management API		●	●
Application-aware processing			●
Transaction log backup for databases			●
Guest file indexing and search			●
24.7.365 technical support		●	●

Veeam Agent for Linux

in-guest backup of linux-based machines

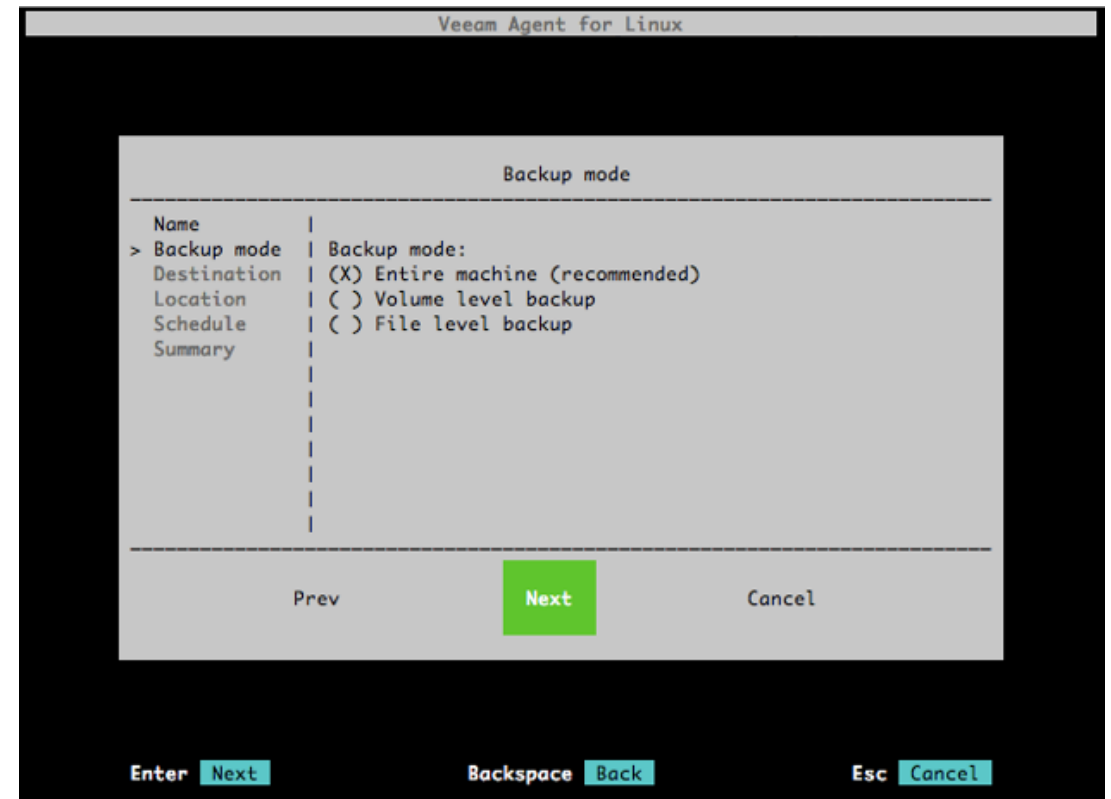
- Image-based backup with granular recovery and bare metal restore. Backup to external drives, a NAS, or Veeam Backup & Replication.
- Built-in volume snapshot and changed block tracking drivers.

WORKSTATION EDITION

Support for multiple jobs and 24/7 technical support.

SERVER EDITION

Pre-freeze and post-thaw snapshot script support, guest file system indexing and catalog search.



WEBSRV01 full backup into HoustonRepository [95%]

SUMMARY

Duration: 0:09:18
Processing rate: 200Mb/s
Bottleneck: Source

DATA

Processed: 85.0 GB (95%)
Read: 49.8 GB
Transferred 34.5 GB (1.4x)

TIME

ACTION

DURATION

3:54:12 PM	Job started at 8/25/2015 3:54:11 PM	
3:54:15 PM	Building VM list	0:00:15
3:54:32 PM	/dev/sda1 size 85.0 GB	
3:54:32 PM	Changed block tracking is enabled	
3:54:15 PM	Preparing next object for processing	0:00:05

Veeam Agent *for Linux*

	Free	Workstation	Server
Entire computer, volume-level and file-level image-based backup	●	●	●
Built-in volume snapshot and changed block tracking drivers	●	●	●
File-level, volume-level and bare metal recovery (same or different hardware)	●	●	●
Backup and recovery using console UI or command line	●	●	●
Integration with Veeam Backup & Replication	●	●	●
Support for multiple jobs			●
Pre-freeze/post-thaw snapshot scripts for application processing			●
Guest file indexing, catalog search and restore with Veeam Backup Enterprise Manager			●
24.7.365 technical support		●	●

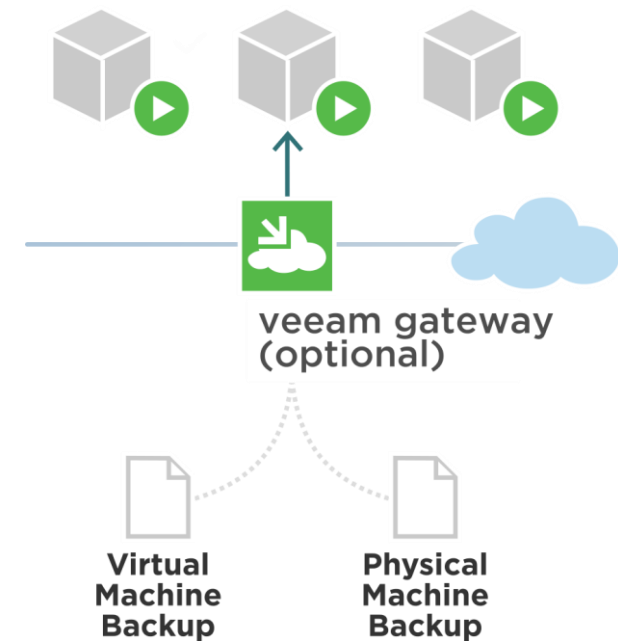
Veeam Backup & Replication

Direct restore to azure

Direct Restore for Microsoft Azure

restore physical and virtual workloads to Azure

- Quickly restore Windows and Linux based VMs, and physical workloads to Azure to minimize disruption
- Easily create an Azure-based test environment for testing backup reliability, patching and mitigating risks associated with deployment.
- Execute planned workload migrations from on-site to cloud





Thank you

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