

#POWERCON2021

Protezione cloud-to-cloud
per Microsoft 365 con Veeam

Raffaele Valensise

Senior Systems Engineer, Veeam Software
raffaele.valensise@veeam.com



@rafvalensise

Agenda

- Perché fare il backup di Microsoft 365?
- Veeam Backup for Microsoft Office 365 v5
- Integrazione con Microsoft Azure
- Demo

Perché fare il backup di
Microsoft 365?

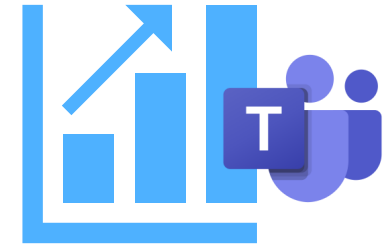
Microsoft Q3 2021 Earnings Call



300 milioni di
utenti
Office 365



145 milioni
di utenti attivi
Teams



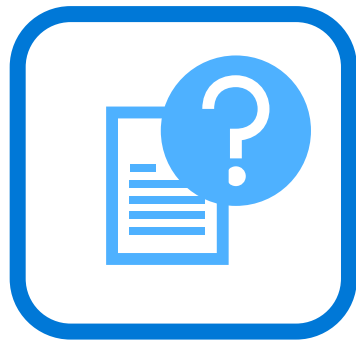
Crescita del 22%
degli utenti
Teams

<https://www.microsoft.com/en-us/Investor/earnings/FY-21-Q3/press-release-webcast>

6 motivi per cui fare il backup di Microsoft 365



Eliminazione
accidentale



Difficoltà nella
gestione granulare
della retention



Minacce interne
alla sicurezza
Utenti interni con
finalità dolose /
dipendenti uscenti



Minacce esterne
alla sicurezza
Ransomware /
Applicazioni dannose

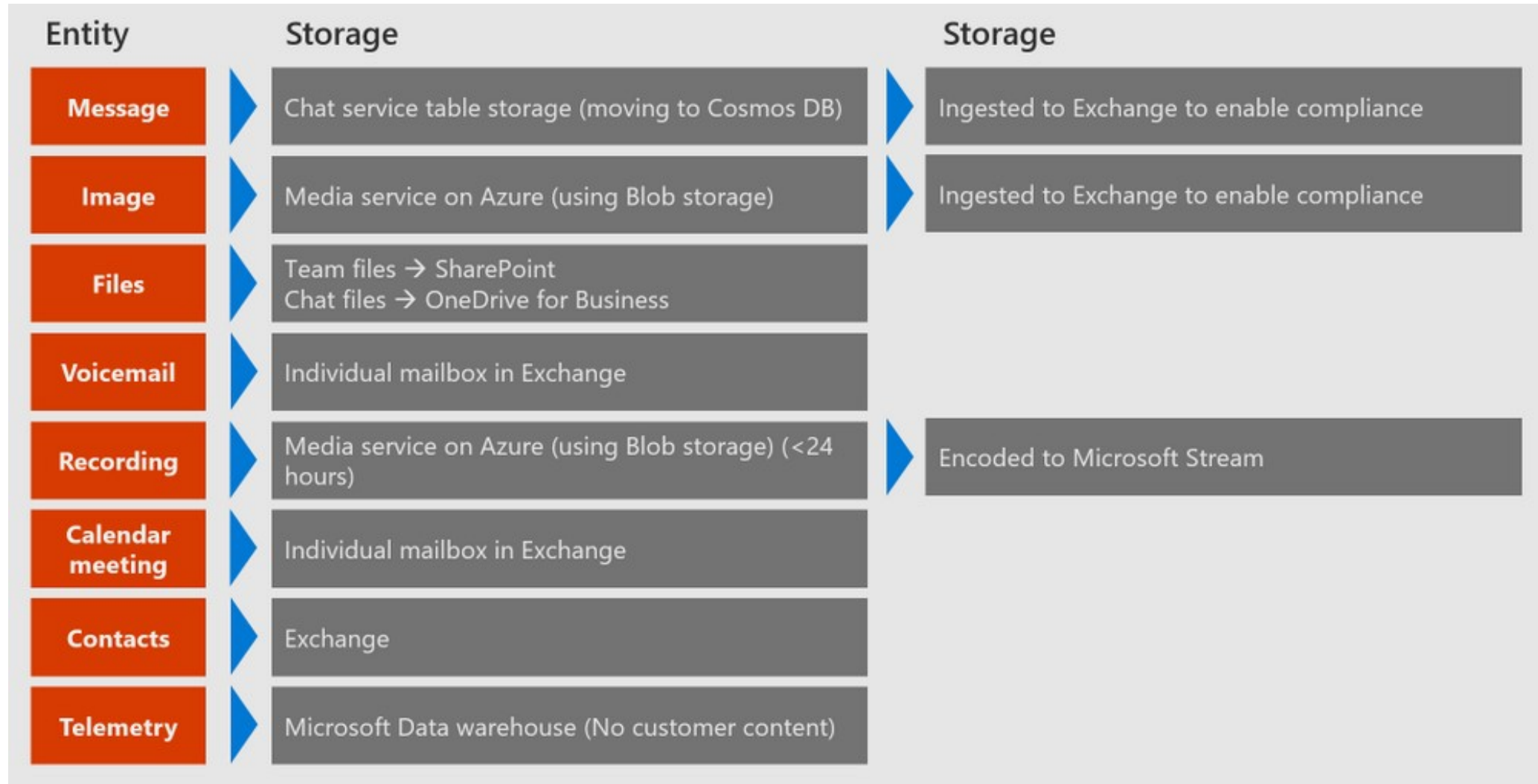


Requisiti legali e
di conformità



Gestione di
implementazioni
ibride e
migrazioni

Il settimo motivo: l'architettura di Teams



Responsabilità condivisa nel cloud



<https://docs.microsoft.com/it-it/azure/security/fundamentals/shared-responsibility>

Veeam Backup for Microsoft Office 365 v5

Caratteristiche

- Backup degli elementi di Exchange Online, SharePoint Online, OneDrive for Business e Teams con la frequenza desiderata
- Recupero veloce e flessibile degli elementi di Exchange, siti, documenti, librerie e liste di SharePoint, file e cartelle di OneDrive, oggetti di Teams (canali, schede, dati)
- Multi-Factor Authentication
- Multi-tenant
- Supporto per ambienti ibridi (on-prem + cloud)

Archiviazione diretta su Object Storage

NEW OBJECT STORAGE REPOSITORY ✕

Object storage type

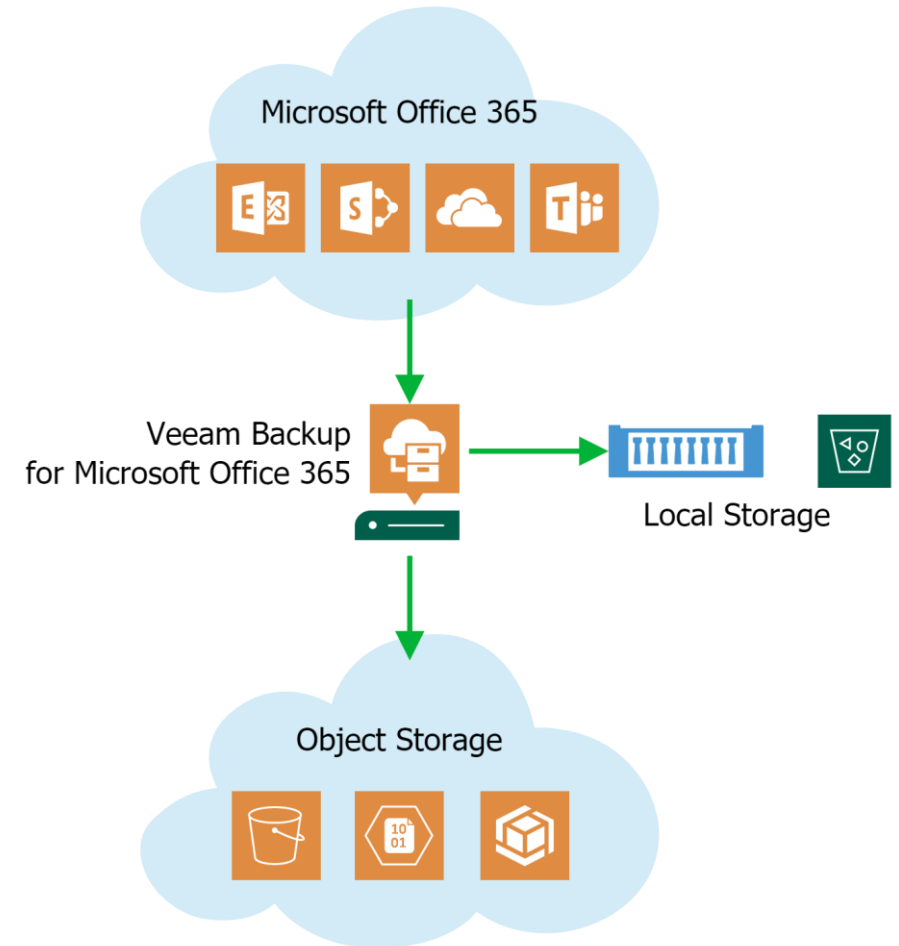
- S3 Compatible**
Adds a cloud object storage provider, or an on-premises object storage system.
- Amazon S3**
Adds Amazon S3 storage. Both standard and Infrequent Access (IA) storage classes are supported.
- Microsoft Azure Blob Storage**
Adds Microsoft Azure blob storage. Both hot and cold storage tiers are supported at the account level.
- IBM Cloud Object Storage**
Adds IBM Cloud object storage. S3 compatible versions of both on-premises and IBM Cloud storage offerings are supported.

Ripristino dei dati

- È possibile effettuare ricerche specificando criteri multipli
- Disponibile il confronto fra backup e tenant
- I risultati sono presentati nel giro di secondi e si può procedere con il ripristino in produzione direttamente dai risultati delle ricerche
- I ripristini possono essere granulari o bulk
- 40 metodi di ripristino a disposizione!

Componenti

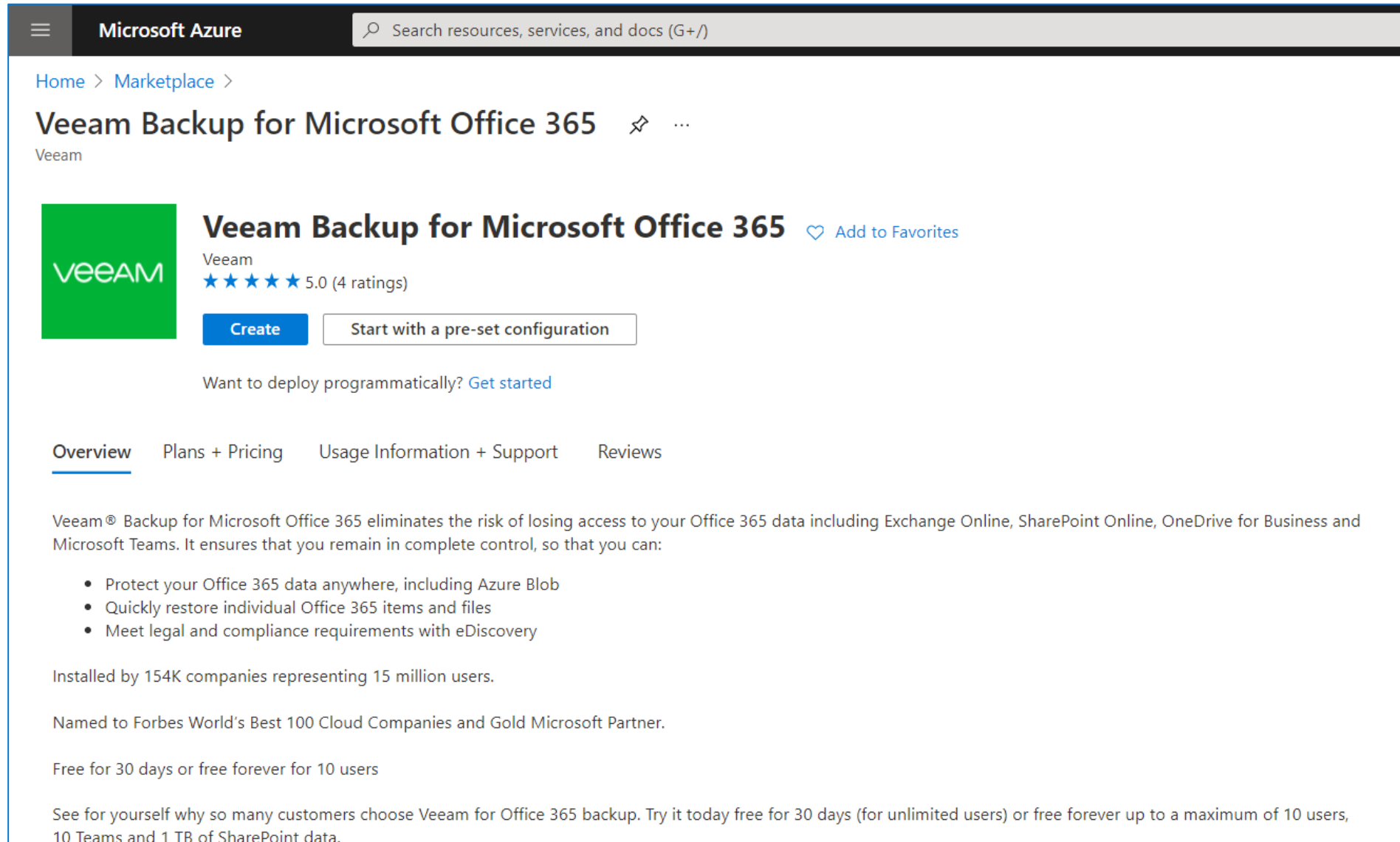
- Server
 - Console UI, Rest API, PowerShell, Archiver
- Proxy
 - Archiver
- Repository
 - DAS, SAN, SMB 3.0, Object Storage
- Veeam Explorers
 - Microsoft Exchange, SharePoint and OneDrive for Business, Teams



Requisiti

- Windows Server 2008R2 SP1 +
- Windows Server Core 2012 R2, 2016 LTSC (1709 e 1809)
- Microsoft .NET Framework 4.7.2 +
- CPU: 4 core min. / 8 racc.
- RAM: 8 GB min. / 16 racc.
- Storage: <https://calculator.veeam.com/vbo>
- Best Practices: <https://bp.veeam.com/vbo/>

Installazione da Marketplace Azure



The screenshot shows the Microsoft Azure Marketplace interface. At the top, there is a navigation bar with the Microsoft Azure logo and a search bar. Below the navigation bar, the breadcrumb path is "Home > Marketplace >". The main heading is "Veeam Backup for Microsoft Office 365" with a share icon and a menu icon. Below the heading, the publisher "Veeam" is listed. To the left of the product name is the Veeam logo. To the right of the product name is a heart icon and the text "Add to Favorites". Below the product name, the publisher "Veeam" is listed again, followed by a 5.0 star rating based on 4 ratings. There are two buttons: a blue "Create" button and a white "Start with a pre-set configuration" button. Below the buttons, there is a link "Want to deploy programmatically? Get started". At the bottom, there are tabs for "Overview", "Plans + Pricing", "Usage Information + Support", and "Reviews". The "Overview" tab is selected. The main content area contains a paragraph describing the product, followed by a bulleted list of features, and three additional paragraphs of text.

Microsoft Azure

Search resources, services, and docs (G+/)

Home > Marketplace >

Veeam Backup for Microsoft Office 365

Veeam

Veeam Backup for Microsoft Office 365 Add to Favorites

Veeam

★★★★★ 5.0 (4 ratings)

Create Start with a pre-set configuration

Want to deploy programmatically? [Get started](#)

Overview Plans + Pricing Usage Information + Support Reviews

Veeam® Backup for Microsoft Office 365 eliminates the risk of losing access to your Office 365 data including Exchange Online, SharePoint Online, OneDrive for Business and Microsoft Teams. It ensures that you remain in complete control, so that you can:

- Protect your Office 365 data anywhere, including Azure Blob
- Quickly restore individual Office 365 items and files
- Meet legal and compliance requirements with eDiscovery

Installed by 154K companies representing 15 million users.

Named to Forbes World's Best 100 Cloud Companies and Gold Microsoft Partner.

Free for 30 days or free forever for 10 users

See for yourself why so many customers choose Veeam for Office 365 backup. Try it today free for 30 days (for unlimited users) or free forever up to a maximum of 10 users, 10 Teams and 1 TB of SharePoint data.

DEMO

The screenshot displays the Veeam Backup for Microsoft Office web interface. At the top right, the text 'VEEAM BACKUP FOR MICROSOFT OFFICE' is visible. The main navigation bar includes 'HOME' and 'VIEW' tabs, and a set of icons for 'Add Org', 'Edit Org', 'Remove Org', 'Backup', and 'Explore'. Below this, the 'ORGANIZATIONS' section shows a tree view with 'Organizations' expanded, listing 'AperatureLabs.onmicrosoft.com', 'esdeka.onmicrosoft.com', and 'M365x539976.onmicrosoft.com'. A 'Last 24 hours' section shows 'Running (1)', 'Success', and 'Warning' status indicators. A table on the right lists backup jobs for 'Exchange', 'OneDrive', and 'SharePoint', all with a 'Success' status. A 'NEW BACKUP JOB' configuration window is open, titled 'Select scheduling options'. It includes options for 'Run the job' (Daily at this time: 0:00 Everyday, or Periodically every: 5 minutes), 'Retry failed objects processing' (3 times, wait 10 minutes), and checkboxes for 'Terminate job if it exceeds allowed backup window' and 'Run the job when I click Create'. A 'Back' button is at the bottom right of the window. The bottom status bar shows 'LICENSES USED: 21'.

NAME ↑	STATUS	DETAILS
Exchange	Success	Transferred: 0 B (725 items)
OneDrive	Success	Transferred: 0 B (0 items)
SharePoint		

NEW BACKUP JOB

Select scheduling options

Run the job:

Daily at this time: 0:00 Everyday

Periodically every: 5 minutes

Retry failed objects processing: 3 times
Wait before each retry attempt for: 10 minutes

Terminate job if it exceeds allowed backup window

Run the job when I click Create

Back

LICENSES USED: 21

Grazie

Raffaele Valensise

Senior Systems Engineer, Veeam Software
raffaele.valensise@veeam.com



@rafvalensise