

First 100 Days with Veeam



Brad Barker

Senior System Engineer
Enterprise Customer Success



Matt Crape

Senior Technical Product Marketer
Global Product Marketing



Agenda

- The prologue
- Day 1 – Getting started
- Day 2 - Preparation
- Day 15 – Deployment
- Day 25 - Configuration
- Day 45 – Verification and recovery
- Day 90 - Expand
- Day 100+ - Continue your journey



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The prologue



Veeam® Data Platform

Proven Recovery Orchestration

Proactive Monitoring and Analytics

Secure Backup and Fast Recovery

Native APIs

TARGETED
OFFERINGS



AWS



Azure



Google Cloud

CLOUD



VIRTUAL



PHYSICAL



APPS



SAAS



Microsoft 365



Salesforce



Kubernetes

On-Premises • In the Cloud • XaaS

Veeam Data Platform editions

Platform Editions	Backup and Recovery	Monitoring and Analytics	Recovery Orchestration	Ransomware Warranty (add-on)
Premium	✓	✓	✓	✓
Advanced	✓	✓		
Foundation	✓			

Supporting product components

Veeam Backup & Replication™

Veeam ONE™

Veeam Recovery Orchestrator

Also available:

- Veeam Data Platform — Essentials Edition for Small Business
- Veeam Backup & Replication *Community Edition*

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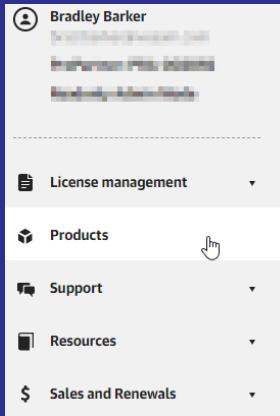
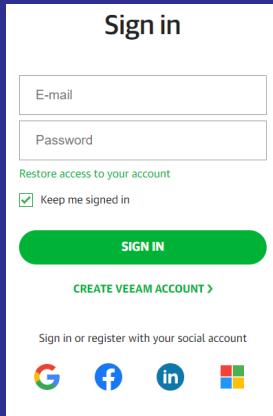
Day 1: Getting started



Introduction email

Begin your journey! Everything you need to start is in your inbox:

- Create a Veeam account.
- Download your products and licensing.
- Access to support if you need assistance.



Step 1: Account set up and roles management

Step 1

2

3

4

5

Thank you for your recent purchase of Veeam®! We are happy to welcome you and let you know you've been designated as the Veeam License Administrator. If you need to reassign license administration rights to someone else in your organization, please [submit a support ticket](#).

Over the next couple of weeks you will receive useful guidance from us to speed up your onboarding.

Let's get started!

Step 1: Account Set Up & Operations

- Log in or create your [Veeam Account](#) login if it's your first time. [How to Create a Veeam Account](#).
- Once you have access to "My Account," utilize the items on the left hand side to be able to:
 - **Download your software under Products**
 - **Obtain your licensing under License Management > Production** (License Administrator only)
 - **Assign Case Administrators under Support** if additional team members require access to Veeam Support (License Administrator only)
 - **Access Veeam Support**: entitled users (License Administrator and Case Administrators only) can access Veeam Support by selecting the Support tab to create and view cases.

Find documentation and downloads

The screenshot shows the Veeam support section of their website. At the top, there's a navigation bar with links for Products, Solutions, **Support**, Resources, Partners, and Company. A red arrow points to the 'Downloads' link under the Company menu. Another red arrow points to the 'Technical Documentation' link under the SUPPORT RESOURCES section.

GET SUPPORT

- Open A Case
- Track Your Case
- Support Policy

RENEWALS CENTER

- Renewals

SERVICES

- Veeam Customer Success

TRAINING & EDUCATION

- Veeam University
- Courses & Certifications

SUPPORT RESOURCES

- Technical Documentation** (highlighted by a red arrow)
- Knowledge Base

COMMUNITY

- Community Resource Hub
- Community Experts
- Technical Forums

DOWNLOADS

- All Product Downloads

Tip! Check out **The Ultimate Guide to End User Enablement at Veeam** at VeeamON 2023

Day 2-100:
Wait for hardware delivery

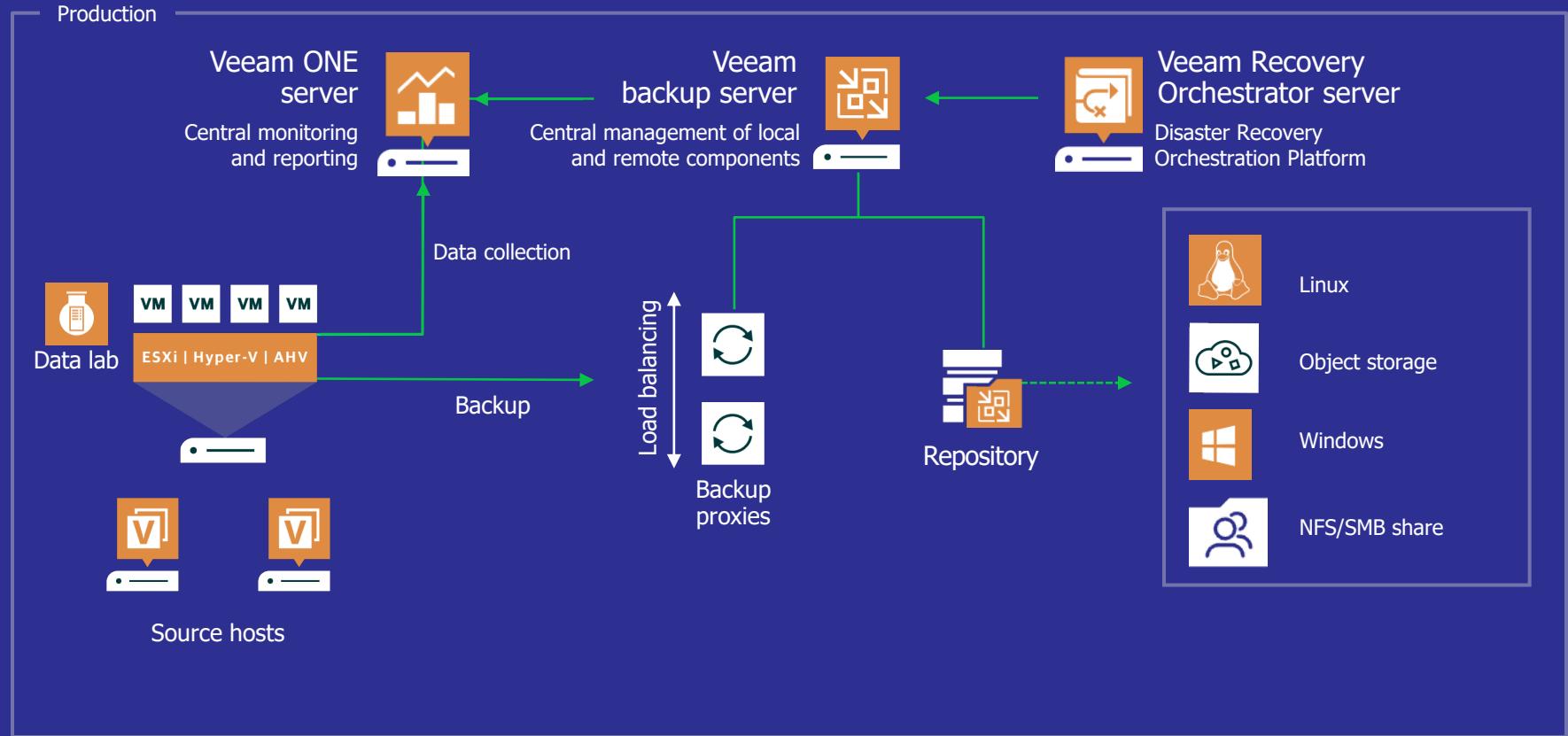


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Day 2: Preparation



Veeam high-level architecture



Identify business requirements and goals

- What needs to be protected, where is it and for how long?
- What leaders or teams need to be involved?
- Do you have compliance, security or governance requirements?



Identify technical requirements and goals

- Will you leverage policy driven design?
- Will you be archiving data?
- Are role-based access controls necessary?



Start your design



**Before
you deploy**



**Security
considerations**



**Environmental data
collection**

Tip: design for resiliency!



3-2-1-1-0



Replication & CDP



Immutability!



Plan for recovery
at scale

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Day 15: Deployment



Sizing and building core components

- Tools to help with sizing:
RV tools (robware.net/rvtools)
VSE v4.0 (vse.veeambp.com)
- Veeam backup server
- Proxy server
- Repository server
- Additional components:
Gateway server, mount server, etc.

The screenshot shows the Veeam System Estimator (VSE) v4.0 interface. At the top, there's a navigation bar with links: VSE v4.0, Dashboard, Workloads, Sites, Object, Details, Info, Settings, and Log out. Below the navigation bar, there's a section titled "Management Requirements (incremental)" with a sub-section "Repository Capacities (TB)". The main content area contains three tables:

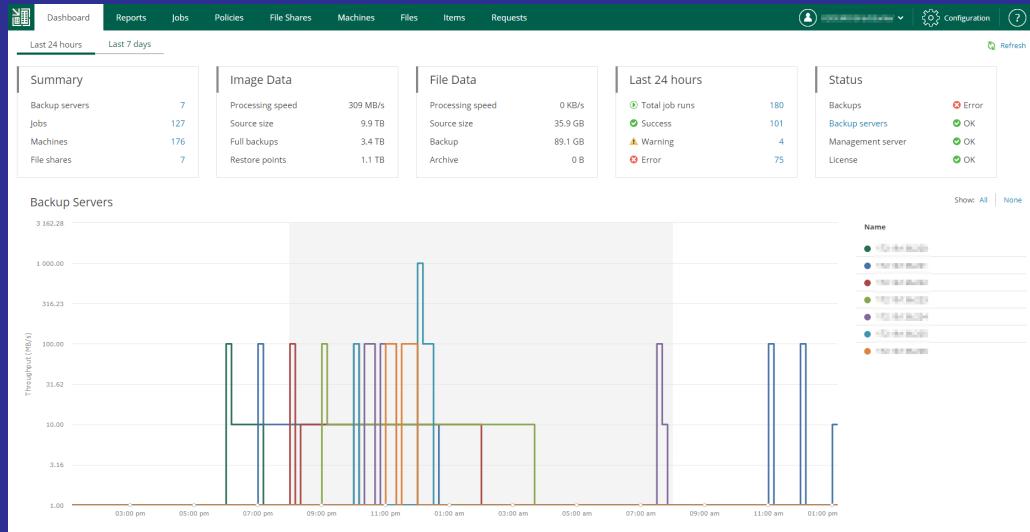
Role	Cores	RAM (GB)
VBR	4	11
SQL	2	4
Enterprise Manager	5	10

Site	Capacity (TB)
Site_A	448.55
Site_B	448.55

Site	Role	Cores	RAM (GB)
Site_A	Proxy	27	54
Site_A	Repository	9	44
Site_B	Proxy	0	0
Site_B	Repository	5	26

Enterprise Manager

- Federate backup servers
- Role-based recovery
- Self service
- Management dashboard
- Global notifications



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Day 25: Configuration



Secure your backup server

Protects your backups when at rest.

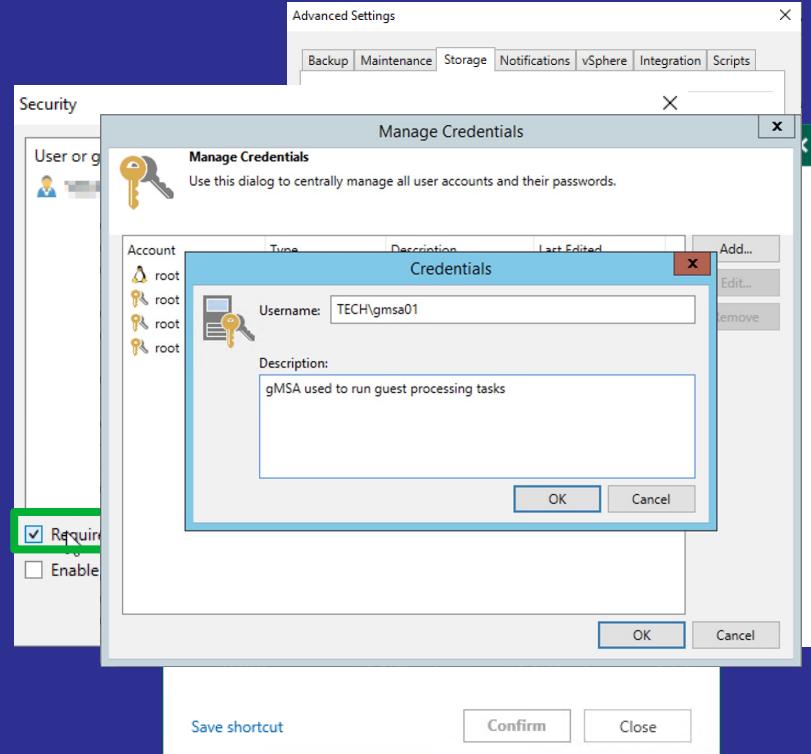
- Encrypt your backup files.
- Minimize dangers from exfiltration.

Protect access to the console.

- Enable Multifactor Authentication.
- Review the entire security chain.

Use strong, purpose-built accounts.

- Define minimal permissions.
- Group managed service accounts.



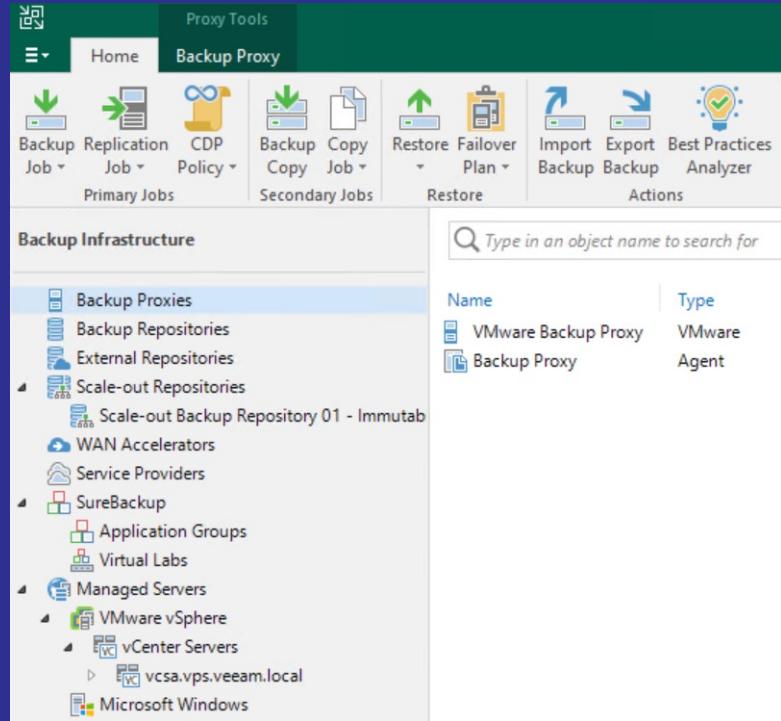
Tips for adding components

Add components by FQDN.

Provide descriptive names.

Have clear goals in mind:

- Are the components necessary?
- Include relevant teams
- Resource mapping



Tips for building your jobs

Data protection

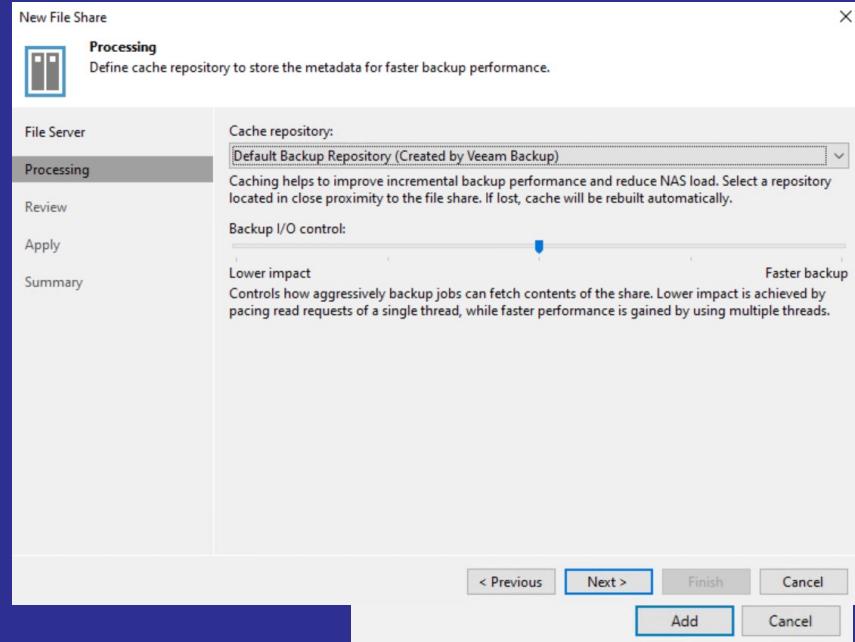
- Policy-driven design
- Application-aware processing

Minimize RPOs & RTOS

- Flexibility with replicas
- Continuous Data Protection (CDP)

Unstructured data

- Size your cache for your needs
- Disk to disk to tape for easy 3-2-1



Data tiering, archival and redundancy

Use Scale-out Backup Repositories™

- Offload and archival to object storage

Use backup copy jobs

- Local, remote, direct to object

Tape out for air gapped archival.



Day 45: Verification and recovery



Monitoring and analytics

Veeam ONE Monitoring

- Know that you're successful!

Veeam ONE Reporting

- Prove you're compliant

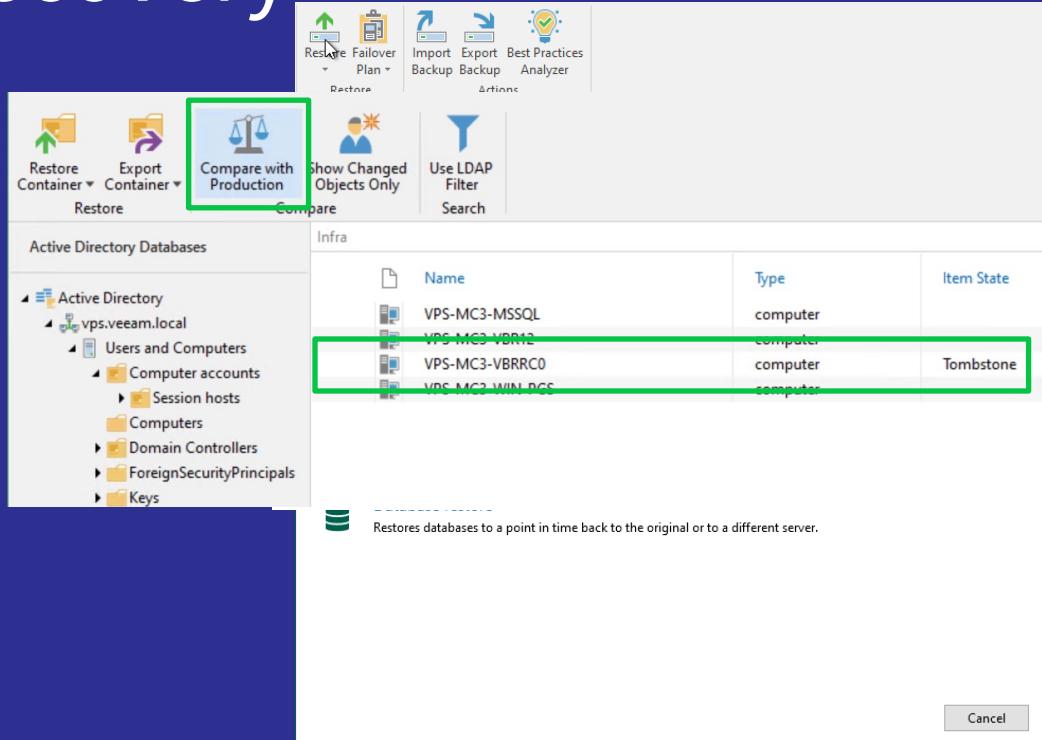
Veeam ONE Business Views

- Provide stakeholders with streamlined dashboards



Verification and recovery

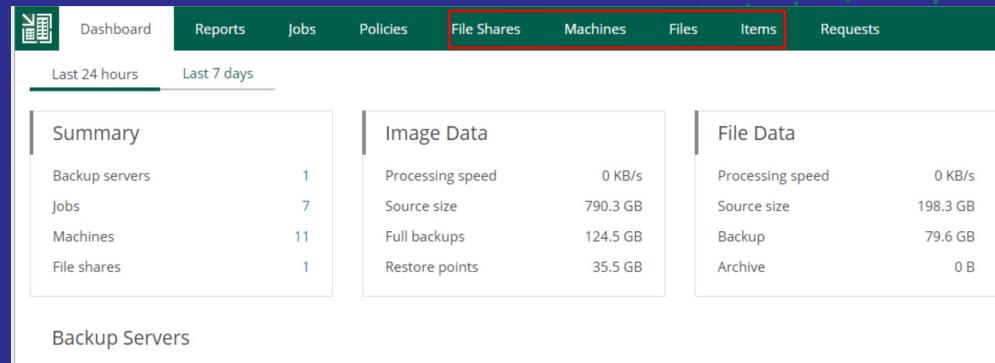
- Veeam DataLabs™
- Image recovery
- File recovery
- Application recovery



Self-service recovery

Delegate tasks with Enterprise Manager

- Role-based access control
- Local admin self-serve
- Instant VM recovery™
- File recovery
- Application recovery



The screenshot shows the Veeam Enterprise Manager interface. At the top, there is a navigation bar with tabs: Dashboard, Reports, Jobs, Policies, File Shares (which is highlighted with a red box), Machines, Files, Items (also highlighted with a red box), and Requests. Below the navigation bar, there are two time filters: "Last 24 hours" and "Last 7 days". The main content area is divided into three columns. The left column, titled "Summary", contains the following data:

Backup servers	1
Jobs	7
Machines	11
File shares	1

The middle column, titled "Image Data", contains the following data:

Processing speed	0 KB/s
Source size	790.3 GB
Full backups	124.5 GB
Restore points	35.5 GB

The right column, titled "File Data", contains the following data:

Processing speed	0 KB/s
Source size	198.3 GB
Backup	79.6 GB
Archive	0 B

At the bottom of the main content area, there is a section titled "Backup Servers".

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Day 90:
Expand



Veeam Recovery Orchestrator



Dynamic documentation

Automatically updated reports for checks, tests and executions help correct issues with DR readiness



Zero-impact testing

DataLab tests increase confidence, simulating disaster recovery without impacting production systems



Compliance

RTO and RPO reporting help meet compliance standards and SLA targets



1-click recovery at scale

Recover single apps or an entire site with one click, secured by role-based access control

Supported platforms and applications:



Azure,
vSphere



Agents:
Windows & Linux



Apps:
Exchange, SQL, SharePoint



Storage:
NetApp, HPE, Lenovo



Custom
scripting

Scripting & automation

Veeam automation options.

- RESTful APIs & PowerShell!

Automation help and beyond!

- Veeam forums
- Veeam communities
- GitHub – VeeamHub

Automate internal ticketing.

- [Veeam.com/kb1552](https://www.veeam.com/kb1552)



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Day 100:
Continue your journey



But wait, there's more!

Check out: **The Ultimate Guide to End User Enablement**

Free online training:

- Veeam University
- Veeam YouTube Channel

Veeam User Groups - <https://vee.am/vug>

11:11 Hands-On Labs -

<https://go.veeam.com/webinar-hands-on-lab-experience.html>



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Q&A



Documentation

Veeam Data Platform: <https://www.veeam.com/data-protection-platform.html>

Veeam Backup & Replication User Guide: <https://helpcenter.veeam.com/docs/backup/vsphere/overview.html?ver=10.5>

Veeam ONE Monitoring User Guide: <https://helpcenter.veeam.com/docs/one/monitor/about.html?ver=10.5>

Veeam ONE Reporting User Guide: <https://helpcenter.veeam.com/docs/one/reporter/about.html?ver=10.5>

Veeam Recovery Orchestrator User Guide: <https://helpcenter.veeam.com/docs/vdro/userguide/welcome.html?ver=10.5>

Veeam PowerShell Forums: <https://forums.veeam.com/powershell-f26/>

Veeam RESTful API Forums: <https://forums.veeam.com/restful-api-f30/>

3-2-1-1-0 Golden Backup Blog: <https://community.veeam.com/blogs-and-podcasts-57/3-2-1-1-0-golden-backup-rule-569>

