Veeam Backup & Replication v13

Configure, Manage and Recover

CLIENT-READY COURSE SYLLABUS

COURSE CODE VMCEv13	**DURATION** 4 days
FORMAT Instructor-led technical training	**THEORY / LABS** 60% / 40%

Overview

This four-day technical course equips IT professionals to configure, manage and support a Veeam Backup & Replication v13 solution. Through instructor-led learning and extensive hands-on labs, participants build practical capability to protect and manage data, respond effectively to recovery scenarios, and strengthen operational resilience in changing technical and business environments.

The course is based on Veeam Backup & Replication v13, part of the Veeam Data Platform.

Objectives

By the end of the course, participants will be able to:

- Explain Veeam's data protection strategy and the role of its core components.
- Configure and manage the Veeam Software Appliance.
- Configure backup jobs and backup copy jobs for defined scenarios.
- Protect physical servers with Veeam Agents and configure unstructured data backup jobs for NAS and SMB shares.
- Describe replication capabilities and select appropriate use cases for backups, replicas and continuous data protection.
- Improve recoverability using SureBackup and immutable repositories.
- Apply Veeam security concepts and configure malware detection and remediation capabilities.
- Recover data from backups for virtual machines, agents and applications.
- Describe supported enterprise application plug-ins.
- Use monitoring, reporting and alerting functions, and implement Veeam Backup Enterprise Manager.
- Perform basic troubleshooting and work effectively with Veeam support.

Prerequisites

- Fundamental IT experience with networking, servers, storage, cloud technologies, virtualization and operating systems.

- Familiarity with the core concepts of Veeam Backup & Replication, ideally gained through hands-on experience.

Course Outline

1. Data protection foundations

- Key data protection strategies
- Common environmental risk scenarios
- Veeam Data Platform and the course scenario

2. Securing the Veeam environment

- Strategies and tools for securing the Veeam backup server
- Preventing unauthorized access and data leakage
- Security concepts, malware detection and incident response integration

3. Protecting virtual and physical workloads

- VMware and Hyper-V backup jobs aligned to service-level requirements
- Protection groups and automated Veeam Agent deployment
- Agent backup jobs for physical workloads
- Protection of unstructured data, including NAS and SMB shares

4. Backup efficiency and resilience

- Storage optimization, backup acceleration and data consistency
- Backup copy jobs and the 3-2-1 Rule
- Protection against premature deletion and unwanted modification
- Linux Hardened Repositories and backup immutability
- Deployment options and performance settings

5. Replication and continuous data protection

- Replication use cases, architectures and job features
- Continuous Data Protection policies
- Selecting between backups, replicas and CDP

6. Retention and repository design

- Archiving mechanisms and grandfather-father-son retention
- Scale-out Backup Repository architecture, placement policies, data tiers and management
- Virtual machine and backup migration with VeeaMover

7. Verification and enterprise management

- Automated recoverability testing for backups and replicas
- SureBackup concepts
- Veeam Backup Enterprise Manager use cases and implementation

8. Recovery operations

- Advanced recovery capabilities
- Implications of different recovery methods
- Selecting the appropriate recovery approach
- Hands-on recovery using different recovery types and data types

9. Integrations, reporting and support

- Supported enterprise application plug-ins and how they work
- Reports and backup job status summaries
- Monitoring, reporting and alerting
- Troubleshooting fundamentals and engagement with Veeam support

Source note: *Prepared from the MUK Training Center course page accessed on 5 October 2026. Course content and version details should be reconfirmed before scheduling.*