

Veeam Backup & Replication v12.1: Configure, Manage and Recover («VMCE12»)

This four-day technical course focuses on teaching IT professionals the skills to configure, manage and support a «Veeam Backup & Replication v12.1» solution.

Duration: 4 days

Price: 4'600.–

Course documents: Original Veeam courseware incl. training labs

Vendor code: VMCE

Content

With extensive hands-on labs, the class promotes situational resiliency in responding to recovery scenarios and enables administrators and engineers to effectively protect and manage data in an ever-changing technical and business environment, bringing tangible benefit to business in the digital world.

Data protection strategies

Review of key data protection strategies that ensure the safety of your data.

Risk scenarios

Explore different risk scenarios, what risks do we face daily within our environment?

Core components

Review of Veeam Backup & Replication components required in most deployments, their purpose and key system requirements.

Initial security considerations

Describe strategies and tools to secure the Veeam backup server to avoid unauthorized access and data leaks.

Virtual machine backup

Efficiently protect VMware and Hyper-V virtual machines based on well-defined SLAs through the creation of backup jobs.

Agent backup

Identify the use of protection groups to automate the installation of Veeam Agents and protecting workloads with agent backup jobs.

Unstructured data backup

List required components and features available to protect unstructured data.

Backup data optimizations

Analyze features and settings that allow backup storage optimization, faster backups and data consistency.

Immutability and hardened repositories

Describe backup data protection mechanisms to avoid premature deletion and unwanted modifications. Identify characteristics and deployment steps of Linux Hardened Repositories to achieve backup data immutability.

Object storage

Review why backing up to object storage, which object storage solutions are supported and considerations when using this type of repositories.

Transport modes

Analyze different ways data can be read from the production environment and their benefits and considerations.

Backup copies

Ensure recoverability and adhere to the 3-2-1 Rule with backup copy jobs.

Scale-out Backup Repository™

Describe architecture, placement policies, data tiers and management of Scale-out Backup Repositories.

Moving or copying backups

Identify use cases for workload and backup migrations with VeeamMover.

Replication

Describe use cases, architectures and features of replication jobs and continuous data protection (CDP) policies.

Verifying recoverability

Create automated tests to ensure recoverability from backups and replicas.

Veeam Backup Enterprise Manager

Describe the use cases for Veeam Backup Enterprise Manager.

Incident Response Planning

Integrating Veeam Backup and Replication into your incident response plan.

Recovery scenarios and features

What are the implications of different recovery methods and selecting the correct recovery method.

Enacting a recovery

Get practice in recovering different recovery types with a variety of data types.

Veeam Data Platform

Identify and explain the purpose of each core product within the Veeam Data Platform and articulate potential use cases for them.

Key Learnings

- Describing Veeam security concepts
- Given a scenario, configuring a backup job and a backup copy job
- Explaining network-attached storage (NAS) backups and configuration
- Describing Veeam's replication capabilities
- Determining appropriate use case for backups, replicas and/or continuous data protection
- Configuring backup infrastructure components, including proxy and repository servers
- Given a scenario, evaluating when and how to apply immutability settings
- Given a scenario, recovering data from backups

Methodology & didactics

Theory/labs: 60/40

Target audience

This course is suitable for anyone responsible for configuring, managing or supporting a Veeam Backup & Replication v12.1 environment.

Exam

Completion of this course satisfies the prerequisite for taking the Veeam Certified Engineer (VMCE™) v12 exam. The optional Veeam certification exam costs CHF 180 and is covered by us.

Repetition

In case of a retake, the participant pays the exam costs and the order.

Further information about the exam

On the [Veeam portal](#) you will find more answers to your questions about the Veeam certification exam.

Additional information

Price advantage

Book the course package «[Veeam Certified Engineer + Advanced: Architecture & Design](#)» and benefit from an exclusive price advantage of CHF 200.- on the individually bookable modules. You can arrange the dates individually.

Any questions?

We are happy to advise you on +41 44 447 21 21 or info@digicomp.ch. You can find detailed information about dates on www.digicomp.ch/courses-digital-transformation-technologies/cloud/course-veeam-backup-replication-v12-1-configure-manage-and-recover