



Advania Denmark Veeam Education Service 2024 & 2025

Veeam Backup & Replication v12.1: Configure, Manage and Recover (VBRCMR) - VMCE

**Special campaign
Until 30.07.2025**

Course Overview

Area	Description
Course	Veeam Backup & Replication v12.1: Configure, Manage and Recover (VBRCMR) - VMCE
Delivery method	Virtual or physical. Physical courses can either be at Advania or at the customer's premises
Days	4 days
Language	English or Danish
Course type	It can either be an open course or a closed private course
Certification test	Completion of this course satisfies the prerequisite for taking Veeam Certified Engineer (VMCE™) v12 exam

Course Description

Area	Description
Description	The Veeam Backup & Replication™ v12.1: Configure, Manage and Recover training course is a four-day technical course focused on teaching IT professionals the skills to configure, manage and support a Veeam Backup & Replication v12.1 solution. 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. This course is based on Veeam Backup & Replication v12.1, part of Veeam Data Platform.
Target audience	This course is suitable for anyone responsible for configuring, managing or supporting a Veeam Backup & Replication v12.1 environment.
Prerequisites	Students should have fundamental IT experience working with networking, servers, storage, cloud, virtualization and operating systems.

Course Focus and Agenda

After completing this course, attendees will be able to:

- ☐ Describe Veeam security concepts
- ☐ Given a scenario, configure a backup job and a backup copy job
- ☐ Explain network-attached storage (NAS) backups and configuration
- ☐ Describe Veeam's replication capabilities
- ☐ Determine appropriate use case for backups, replicas and/or continuous data protection
- ☐ Configure backup infrastructure components, including proxy and repository servers
- ☐ Given a scenario, evaluate when and how to apply immutability settings
- ☐ Given a scenario, recover data from backups

Course Content

☐ **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.

Course Content cont.

☐ **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.

Course Content cont.

☐ 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.

Financial Overview

Area	Description
Price pr. student	DKK 22.535 ex. VAT
Special campaign Until 30.07.2025	Open course – price pr. student: DKK 12.900 ex. VAT (There must be min. be 5 participants) Private course – price pr. student: DKK 12.900 ex. VAT (There must be min. be 5 participants)
For registration	veeameducation@advania.dk
Questions	Please call +45 43 42 00 30 (Thorkil Hansen) Email: veeameducation@advania.dk
Open course dates	Date: 09-12 December 2024 Date: 20-23 January 2025 Date: 17-20 Marts, 2025 Date: 12-15 May 2025 Date: 07-10 July 2025
Private course dates	Please contact Advania to schedule a course
Certification test Veeam Certified Engineer (VMCE)	DKK 1.430 ex. VAT

