

VE-VMCE

VEEAM BACKUP & REPLICATION V12.3 : CONFIGURE, MANAGE AND RECOVER



DURATION	LEVEL	TECHNOLOGY	DELIVERY METHOD	TRAINING CREDITS
4 Days	Intermediate 60% Theory / 40% Labs	Veeam	ILT / VILT	N/A

Introduction

The Veeam® Backup & Replication™ v12.3: 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 v12.3 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 benefits to businesses in the digital world.

This course is based on Veeam Backup & Replication v12.3, part of the Veeam Data Platform.

Audience Profile

This course is suitable for anyone responsible for configuring, managing, or supporting a Veeam Backup & Replication v12.3 environment.

Prerequisites

Students should have fundamental IT experience working with networking, servers, storage, cloud, virtualization and operating systems.

To get the most out of this course, students should be familiar with the core fundamental concepts of Veeam Backup & Replication either through hands-on experience or by taking Veeam Backup & Replication Fundamentals free online training.

Course Objectives

After completing this course, attendees should 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 cases 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

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| <ul style="list-style-type: none"> – Data protection strategies
Review of key data protection strategies that ensure the safety of your data. – Analysis of risks to data
Explore different risk scenarios, what risks do we face daily within our environment? – What is protected?
Review of Veeam Data Platform and introduction to the class scenario. – Security and protection considerations
Describe strategies and tools to secure the Veeam backup server to avoid unauthorized access and data leaks. – Protecting workloads
Efficiently protect VMware and Hyper-V virtual machines based on well-defined SLAs through the creation of backup jobs. – Deploying agents
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. – Optimizing your backups
Analyze features and settings that allow backup storage optimization, faster backups and data consistency. | <ul style="list-style-type: none"> – Immutability and hardened repositories
Describe backup data protection mechanism to avoid premature deletion and unwanted modifications. Identify characteristics and deployment steps of Linux Linux-hardened repositories to achieve backup data immutability. – Backup infrastructure optimization
List deployment options and additional settings to improve general backup solution performance. – Replication
Describe use cases, architectures, and features of replication jobs and continuous data protection (CDP) policies. – Backup copy jobs
Ensure recoverability and adhere to the 3-2-1 Rule with backup copy jobs. – Long-term retention
List different mechanisms for data archiving, including grandfather-father-son retention policies. – Scale-out Backup Repository™
Describe architecture, placement policies, data tiers and management of Scale-out Backup Repositories (SOBRs). | <ul style="list-style-type: none"> – Move and copy backups with VeeamMover
Identify use cases for virtual machine and backup migrations with VeeamMover. – Recovery verification
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. – Advanced recovery features
Explore some more in-depth recovery features of Veeam Backup and Replication. – Selecting the ideal recovery method
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. – Malware Detection
Using Veeam's malware detection capabilities. – Post-incident processes
Investigate post-incident activities. |
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Associated Certifications & Exam Booking Process

Completion of this course satisfies the prerequisite for taking the Veeam Certified Engineer (VMCE) v12 exam.

The VMCE certification is documented proof that an administrator or engineer has the necessary level of expertise to protect an organization's data with Veeam Availability Suite. Holders of Veeam certifications have a deep understanding of Veeam solutions, the critical functions required by an organization to actively protect their data and the ability to grow and adapt with an organization's evolving data protection needs.

To schedule a VMCE exam, login to your [Veeam.com](https://www.veeam.com) account. If you do not have an account, register for one using the email you used when booking your course at Mecer Inter-Ed. The VMCE exam can be booked at Mecer Inter-Ed's Pearson Vue testing center.