

Veeam Backup & Replication: Configure, Manage and Recover (VBRCMR)

Duration: 4 Days Course Code: VBRCMR Version: 13.0 Delivery Method: Virtual Learning

Overview:

The Veeam® Backup & Replication™ v13: 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 v13 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 v13, part of Veeam Data Platform.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This course is suitable for anyone responsible for configuring, managing, or supporting a Veeam Backup & Replication v12.3 environment. It is also ideal for IT professionals across various roles, including backup administrators, disaster recovery specialists, system engineers, technical support staff, IT administrators, cloud administrators, cybersecurity professionals, compliance officers, monitoring specialists, reporting analysts, and security teams — reflecting the broad applicability of Veeam University PRO trainings.

Objectives:

- After completing this course, students will be able to:
- Articulate Veeam's data protection strategy
- Explain the role of each of Veeam's core components
- Configure and manage the Veeam Software Appliance
- Given a scenario, configure a backup job and backup copy job
- Protect physical servers with Veeam agents
- Configure unstructured data backup jobs (NAS/SMB shares, etc)
- Describe Veeam's replication capabilities
- Determine appropriate use case for backups, replicas and continuous data protection
- Ensure backup recoverability by leveraging SureBackup and immutable repositories
- Describe Veeam security concepts and how to implement within the product
- Configure malware detection and explain how to remediate
- Given a scenario, recover data from backups for VMs, agents and applications
- Articulate the enterprise products Veeam has developed plug-ins for
- Describe how to monitoring, reporting and alerting function
- Implement the enterprise manager
- Explain how to perform basic troubleshooting procedures and how to work with support

Prerequisites:

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

Testing and Certification

- VMCE is the foundational training required to qualify for the upcoming VMCE-E certification.
- To progress to this next-level Veeam certification, candidates must

■ To get the most out of this course, students should be familiar with the core fundamental concepts of Veeam Backup & Replication through hands-on experience.

complete the designated courses in Veeam Backup & Replication, Veeam Data Platform: Monitor, Manage, Analyze (Veeam ONE), and Veeam Data Platform: Scale, Automate, Secure (Veeam Recovery Orchestrator).

Content:

Data Protection Strategies	Describe backup data protection mechanisms to avoid premature deletion and unwanted modifications. Identify characteristics and deployment steps of Linux Hardened Repositories	Advanced recovery features
Review of key data protection strategies that ensure the safety of your data.		Explore some more in-depth recovery features of Veeam Backup and Replication.
Analysis of risks to data		Selecting the ideal recovery method
Explore different risk scenarios. What risks do we face daily within our environment?	to achieve backup data immutability.	What are the implications of different recovery methods and selecting the correct recovery method.
What is protected?	Backup infrastructure optimization	Enacting a recovery
Review of Veeam Data Platform and introduction to the class scenario.	List deployment options and additional settings to improve general backup solution performance.	Get practice in recovering different recovery types with a variety of data types.
Security and protection considerations	Replication	Malware Detection
Describe strategies and tools to secure the Veeam backup server to avoid unauthorized access and data leaks.	Describe use cases, architectures and features of replication jobs and continuous data protection (CDP) policies.	Using Veeam's malware detection capabilities.
Protecting workloads	Long-term retention	Post-incident processes
Efficiently protect VMware and Hyper-V virtual machines based on well-defined SLAs through the creation of backup jobs.	List different mechanisms for data archiving, including grandfather-father-son retention policies.	Investigate post-incident activities.
Deploying agents	Scale-out Backup Repository™	Enterprise Plugins
Identify the use of protection groups to automate the installation of Veeam Agents and protect workloads with agent backup jobs.	Describe architecture, placement policies, data tiers and management of Scale-out Backup Repositories.	Learn which plug-ins Veeam currently supports and how they work
Unstructured data backup	Move and copy backups with VeeamMover	Monitoring, alerting and reporting
List required components and features available to protect unstructured data.	Identify use cases for virtual machine and backup migrations with VeeamMover.	Discover how to run reports and understand backup job status summaries
Optimizing your backups	Recovery verification	Troubleshooting
Analyze features and settings that allow backup storage optimization, faster backups and data consistency.	Create automated tests to ensure recoverability from backups and replicas.	Understand the basics of troubleshooting Veeam issues and how to resolve with support
Backup copy jobs	Veeam Backup Enterprise Manager	Veeam Calculators
	Describe the use cases for Veeam Backup Enterprise Manager.	Where to find them and an intro on how to utilize

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

Immutability and hardened repositories

Incident Response Planning

Integrating Veeam Backup and Replication into your incident response plan.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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www.globalknowledge.com/en-be/