

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

**Duration: 4 Days    Course Code: VMCE    Version: 12.3**

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### Overview:

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 benefit to business in the digital world. This course is based on Veeam Backup & Replication v12.3, part of Veeam Data Platform.

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### Target Audience:

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

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### Objectives:

- After completing this course, students 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
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### Prerequisites:

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### Testing and Certification

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

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### Follow-on-Courses:

- VMCA - Veeam Backup & Replication: Architecture and Design
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## Content:

Data protection strategies	Immutability and hardened repositories	Veeam Backup Enterprise Manager
Review of key data protection strategies that ensure the safety of your data.	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.	Describe the use cases for Veeam Backup Enterprise Manager.
Analysis of risks to data		Incident Response Planning
Explore different risk scenarios, what risks do we face daily within our environment?	Backup infrastructure optimization	Integrating Veeam Backup and Replication into your incident response plan.
What is protected?	List deployment options and additional settings to improve general backup solution performance.	Advanced recovery features
Review of Veeam Data Platform and introduction to the class scenario.	Replication	Explore some more in-depth recovery features of Veeam Backup and Replication.
Security and protection considerations	Describe use cases, architectures and features of replication jobs and continuous data protection (CDP) policies.	Selecting the ideal recovery method
Describe strategies and tools to secure the Veeam backup server to avoid unauthorized access and data leaks.	Backup copy jobs	What are the implications of different recovery methods and selecting the correct recovery method.
Protecting workloads	Ensure recoverability and adhere to the 3-2-1 Rule with backup copy jobs.	Enacting a recovery
Efficiently protect VMware and Hyper-V virtual machines based on well-defined SLAs through the creation of backup jobs.	Long-term retention	Get practice in recovering different recovery types with a variety of data types.
Deploying agents	List different mechanisms for data archiving, including grandfather-father-son retention policies.	Malware Detection
Identify the use of protection groups to automate the installation of Veeam Agents and protecting workloads with agent backup jobs.	Scale-out Backup Repository™	Using Veeam's malware detection capabilities.
Unstructured data backup	Describe architecture, placement policies, data tiers and management of Scale-out Backup Repositories.	Post-incident processes
List required components and features available to protect unstructured data.	Move and copy backups with VeeamMover	Investigate post-incident activities
Optimizing your backups	Identify use cases for virtual machine and backup migrations with VeeamMover.	
Analyze features and settings that allow backup storage optimization, faster backups and data consistency.	Recovery verification	
	Create automated tests to ensure recoverability from backups and replicas.	

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### Further Information:

For More information, or to book your course, please call us on Head Office Tel.: +974 40316639

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