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

Duration: 4 Days **Course Code: VMCE** **Version: 12.1**

Overview:

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.

Objectives:

- **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

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 through hands-on experience

Testing and Certification

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

Follow-on-Courses:
- VMCA - Veeam Backup & Replication: Architecture and Design

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.

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 VeeaMover.?

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.?

Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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