Veeam Availability Suite v11: Configuration and Management

Code:	VASCMv11
Length:	3 days
URL:	View Online

The Veeam® Availability Suite™ v11: Configuration and Management training course is a three-day, technical deep dive focused on teaching IT professionals the skills to configure, manage and support a Veeam Availability Suite v11 solution. With extensive hands-on-labs, the class enables administrators and engineers to effectively manage data in an ever-changing technical and business environment, bringing tangible benefit to businesses in the digital world.

Skills Gained

After completing this course, attendees should be able to:

- Describe Veeam Availability Suite components usage scenarios and relevance to your environment.
- Effectively manage data availability in on-site, off-site, cloud and hybrid environments.
- Ensure both Recovery Time Objectives (RTOs) and Recovery Point Objectives (RPOs) are met.
- Configure Veeam Availability Suite to ensure data is protected effectively.
- Adapt with an organization’s evolving technical and business data protection needs.
- Ensure recovery is possible, effective, efficient, secure and compliant with business requirements.
- Provide visibility of the business data assets, reports and dashboards to monitor performance and risks.

Who Can Benefit

This course is suitable for anyone responsible for configuring, managing or supporting a Veeam Availability Suite v11 environment.

Prerequisites

Students should be experienced professionals with solid knowledge of servers, storage, networking and virtualization.

- Recommended: Veeam Availabilty Suite

Course Details

Content

Content

Introduction

- Describe RTOs and RPOs, what they mean for your business, how to manage and monitor performance against them
- The 3-2-1 Rule and its importance in formulating a successful backup strategy
- Identify key Veeam Availability Suite components and describe their usage scenarios and deployment types

Building backup capabilities

- Backup methods, the appropriate use cases and impact on underlying file systems
- Create, modify, optimize and delete backup jobs, including Agents and NAS Backup jobs. Explore different tools and methods to maximize environment performance
- Ensure efficiency by being able to select appropriate transport modes while being aware of the impact of various backup functions on the infrastructure

Building replication capabilities

- Identify and describe the options available for replication and impacts of using them
- Create and modify replication jobs, outline considerations to ensure success
- Introduce the new Continuous Data Protection (CDP) policy

Secondary backups

- Simple vs. advanced backup copy jobs, how to create and modify them using best practices to ensure efficient recovery
- Discuss using tapes for backups

Advanced repository capabilities

- Ensure repository scalability using a capability such as SOBR on-premises and off-site including integration with cloud storage
- Ensure compatibility with existing deduplication appliances
- Introduce the new hardened repository

Protecting data in the cloud

- Review how Veeam can protect the data of a cloud native application
- Review how Veeam Cloud Connect enables you to take advantage of cloud services built on Veeam
- Review how Veeam can be used to protect your Office 365 data

Restoring from backup

- Ensure you have the confidence to use the correct restore tool at the right time for restoring VMs, bare metal and individual content such as files and folders
- Utilize Secure Restore to prevent the restoration of malware
- Describe how to use Staged Restore to comply with things like General Data Protection Regulation (GDPR) before releasing restores to production

- Identify, describe and utilize the different explores and instant recovery tools and features

Recovery from replica

- Identify and describe in detail, failover features and the appropriate usage
- Develop, prepare and test failover plans to ensure recovery
- Disaster recovery from replica to meet a variety of real-world recovery needs

Testing backup and replication

- Testing backups and replicas to ensure you can recover, what you need, when you need to
- Configure and setup virtual sandbox environments based on backup, replicas and storage snapshots

Veeam Backup Enterprise Manager and Veeam ONE

- Introduce the concept of monitoring your virtual, physical and cloud environments with Veeam Backup Enterprise Manager and Veeam ONE™

Configuration backup

- Locate, migrate or restore backup configuration

Schedule (as of 4)

Date	Location

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