
Veeam Certified Engineer (VMCE) v9

Classroom Course Description

The Veeam Certified Engineer (VMCE) course is a 3-day technical deep dive, focused on teaching engineers to architect, implement and optimize the Veeam® software solution. This class is designed for professional services consultants and system administrators alike, creating a Veeam expert who brings the maximum benefits to their businesses. The VMCE course combines expert instruction with intensive hands-on exercises to help each participant get the most out of his or her learning experience.

Participants:

- System Engineers/ Administrators
- Backup / Virtualization Administrators
- Pre-Sales / Post-Sales / Solution Architects / Consultants

Generally speaking, any IT specialist eager to become an industry-recognized expert on Veeam software solutions may participate in the course.

Prerequisites:

- Have a solid virtualization, backup and recovery knowledge base
- Follow the free online technical course path for end users on Veeam University (<https://www.veeam.com/university.html>) or for resellers on the Veeam ProPartner Portal (recommended)

Objectives:



This certification is an excellent investment for IT professionals looking to increase productivity, reduce operating costs, increase potential for personal career advancement and gain recognition from employers and customers. By completing the Veeam Certified Engineer (VMCE) course, you will be able to:

- Get more functionality out of Veeam solutions
- Identify and resolve issues more efficiently
- Distinguish yourself from your peers

Syllabus:

1. Module 1: Introduction
2. Module 2: Veeam Product Overview
 - 2.1. Veeam Products
 - 2.2. Veeam Availability Suite™
 - 2.3. Key Concepts
3. Module 3: Deployment
 - 4.1. Core Components and Their Interactions
 - 4.2. Optional Components
 - 4.3. Deployment Scenarios
 - 4.4. Prerequisites
 - 4.5. Upgrading Veeam Backup & Replication™
4. Module 4: Initial Configuration
 - 5.1. Adding Servers
 - 5.2. Adding a VMware Backup Proxy
 - 5.3. Adding a Hyper-V Off-host Backup Proxy
 - 5.4. Adding Backup Repositories
 - 5.5. Performing Configuration Backup and Restore
 - 5.6. Managing Network Traffic
 - 5.7. Global Notification Settings
 - 5.8. Getting to Know User Interface
5. Module 5: Protect
 - 6.1. Creating Backup Jobs
 - 6.2. Creating Restore Points with VeeamZIP™ and Quick Backup
 - 6.3. Backup Copy
 - 6.4. Replication
 - 6.5. Creating VM/File Copy Jobs
6. Module 6: Verification
 - 7.1. SureBackup® Recovery Verification
 - 7.2. SureReplica

- 7. Module 7: Entire VM Recovery
 - 8.1. Data Recovery
 - 8.2. Working with Veeam Backup & Replication Utilities
 - 8.3. Insight into Recovery from Replica
- 8. Module 8: Objects Recovery
 - 9.1. Item-Level Recovery
 - 9.2. Guest OS File Recovery
- 9. Module 9: Advanced Data Protection
 - 10.1. Tape Device Support
 - 10.2. SAN Storage Systems Support
 - 10.3. Support for Deduplicating Storage Systems
 - 10.4. Veeam Cloud Connect
 - 10.5. Veeam Backup Enterprise Manager
 - 10.6. vCloud Director Support
- 10. Module 10: Veeam ONE™ features and functionality
 - 3.1. Auto Discovery of Backup and Virtual Infrastructure
 - 3.2. Business Categorization
 - 3.3. Pre-Defined Alerting
 - 3.4. Unattended Monitoring
 - 3.5. Reporting and Dashboards
 - 3.6. Agentless Data Gathering
 - 3.7. Hyper-V Specific Features
 - 3.8. Veeam One Deployment
 - 3.9. Veeam One Assessment Tool
- 11. Module 11: Product Editions
 - 11.1. Product Editions Comparison
 - 11.2. Full and Free Functionality Modes
- 12. Module 12: Troubleshooting
 - 12.1. How to Identify the Problem
 - 12.2. How to Review and Analyze the Issue
 - 12.3. Search for Additional Information
 - 12.4. Veeam Support