

Szkozenie: HPE

Veeam® Backup & Replication™ v12: Configure, Manage, and Recover (VMCE)



Cel szkolenia:

Veeam® Backup & Replication™ v12: Configure, Manage, and Recover (VMCE) is a technical course that provides IT professionals with the skills needed to configure, manage, and support a Veeam Backup & Replication v12 solution. With extensive hands-on labs, the class teaches administrators and engineers how to effectively protect and manage data in ever-changing technology and business environments, bringing tangible benefits to businesses in the digital world. This course is based on Veeam Backup & Replication v12, part of Veeam Data Platform, and is approximately 60% theory and 40% hands-on labs.

Audience

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

Course objectives

After completing this course, you should be able to:

- Describe Veeam security concepts
- Configure a backup job and a backup copy job within a given scenario
- Explain network-attached storage (NAS) backups and configuration
- Describe Veeam's replication capabilities
- Determine the appropriate use case for backups, replicas, and/or continuous data protection
- Configure backup infrastructure components, including proxy and repository servers
- Evaluate when and how to apply immutability settings within a given scenario
- Recover data from backups within a given scenario.

Plan szkolenia:

- Lab 1: Secure Veeam backup server and protect virtual machines

- Lab 1.1: Secure the Veeam backup server
- Lab 1.2: Add the virtual infrastructure to the Veeam Backup & Replication inventory
- Lab 1.3: Protect virtual workloads
- Lab 2: Veeam Agent backup capabilities
 - Lab 2.1: Automate deployment of Veeam Agents
 - Lab 2.2: Protect physical workloads
- Lab 3: NAS backup capabilities
 - Lab 3.1: Prepare Veeam infrastructure for file share backups
 - Lab 3.2: Protect file share workloads
- Lab 4: Backup infrastructure optimization
 - Lab 4.1: Deploy a dedicated VMware backup proxy
 - Lab 4.2: Deploy a Veeam Hardened Repository
 - Lab 4.3: Deploy immutable object storage
- Lab 5: Second site backup and backup management
 - Lab 5.1: Create a backup copy job
 - Lab 5.2: Create a Scale-out Backup Repository (SOBR)
 - Lab 5.3: Create a dynamic backup job
 - Lab 5.4: Migrate virtual machine backups to another job
- Lab 6: Testing virtual machine backups
 - Lab 6.1: Create a SureBackup job to verify backups
- Lab 7: Working with Veeam Backup Enterprise Manager
 - Lab 7.1: Connect the backup server with Veeam Backup Enterprise Manager
 - Lab 7.2: Decrypt an imported encrypted file
 - Lab 7.3: Create a restore operator user
- Lab 8: Full virtual machines recovery
 - Lab 8.1: Recover a virtual machine with Instant Recovery
 - Lab 8.2: Recover a virtual machine with full VM recovery and quick rollback
- Lab 9: Restore a physical machine from an Agent backup
 - Lab 9.1: Perform a bare metal recovery of a Windows physical machine from an Agent backup (optional)
 - Lab 9.2: Perform a bare metal recovery of a Linux physical machine from an Agent backup (optional)
- Lab 10: Application items recovery
 - Lab 10.1: Perform a Microsoft SQL Server instant database recovery (optional)
 - Lab 10.2: Restore an Active Directory user (optional)
 - Lab 10.3: Restore a guest operating system file (mandatory)
- Lab 11: Restore from a file share backup

- Lab 11.1: Recover an entire file share from backup

Wymagania:

- 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 either through hands-on experience or by taking Veeam Backup & Replication Fundamentals free online training.

Poziom trudności



Certyfikaty:

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

Prowadzący:

Authorized HPE Trainer.