BR410-EN Veeam Backup & Replication v12.3 (VMCE) Configure, Manage and Recover

Kurzbeschreibung:

The **BR410-EN 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.

Zielgruppe:

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

- Systems Engineers / administrators
- Backup / virtualization administrators
- Pre-sales / post-sales staff
- Solution Architects / Consultants

Voraussetzungen:

Participants of course **BR410-EN Veeam ® Backup & Replication™ v12.3: Configure, Manage and Recover** 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.

This course is the fast track version and requires experience with Veeam.

For newcomers we recommend the 5-day variant **BR418-EN Veeam v12.3 (VMCE) with Storage-Connection**. This course contains the basic course BR410 and enables a more in-depth treatment of the course content as well as additional information and exercises on the topic of storage integration with Veeam.

Sonstiges:

Dauer: 4 Tage

Preis: 3290 Euro plus Mwst.

Ziele:

After completing the training **BR410-EN Veeam ® Backup & Replication™ v12.3: Configure, Manage and Recover**, participants 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

This workshop allows you to prepare for the **Veeam Certified Engineer (VMCE™) certification exam**.

After successful completion of the course and the exam, you can call yourself a **"Veeam Certified Engineer (VMCE)"**.
You can take the exam after the course at a Pearson VUE test centre. It consists of 50 questions that have to be answered in 75 minutes. You need a score of at least 70% to pass the exam. You can find detailed information about the exam here.

You can take a trial test here.

For further exercises, the LABS are still available 10 working days after the course.

Inhalte/Agenda:

- **Data protection strategies**
  - ◊ Review of key data protection strategies that ensure the safety of your data.
- **Analysis of risks to data**
  - ◊ Explore different risk scenarios, what risks do we face daily within our environment?
- **What is protected?**
  - ◊ Review of Veeam Data Platform and introduction to the class scenario.
- **Security and protection considerations**
  - ◊ Describe strategies and tools to secure the Veeam backup server to avoid unauthorized access and data leaks.
- **Protecting workloads**
  - ◊ Efficiently protect VMware and Hyper-V virtual machines based on well-defined SLAs through the creation of backup jobs.
- **Deploying agents**
  - ◊ 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.
- **Optimizing your backups**
  - ◊ 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.
- **Backup infrastructure optimization**
  - ◊ List deployment options and additional settings to improve general backup solution performance.
- **Replication**
  - ◊ Describe use cases, architectures and features of replication jobs and continuous data protection (CDP) policies.
- **Backup copy Jobs**
  - ◊ Ensure recoverability and adhere to the 3-2-1 Rule with backup copy jobs.
- **Long-term retention**
  - ◊ List different mechanisms for data archiving, including grandfather-father-son retention policies.
- **Scale-out Backup Repository™**
  - ◊ Describe architecture, placement policies, data tiers and management of Scale-out Backup Repositories.
- **Move and copy backups with VeeaMover**
  - ◊ Identify use cases for virtual machine and backup migrations with VeeaMover.
- **Recovery verification**
  - ◊ 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.
- **Advanced recovery features**
  - ◊ Explore some more in-depth recovery features of Veeam Backup and Replication.
- **Selecting the ideal recovery method**
  - ◊ 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.
- **Malware Detection**
  - ◊ Using Veeam’s malware detection capabilities
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