

BR418-EN Veeam Backup & Replikation v12.3 (VMCE) with Storage-Connection

Kurzbeschreibung:

The course **BR418-EN Veeam Backup & Replikation v12.3 (VMCE) with Storage-Connection** includes the contents of **BR410-EN Veeam Backup & Replication v12.3 (VMCE) Configure, Manage and Recover** and prepares for the Veeam Certified Engineer (VMCE) certification. Additionally, this course provides an in-depth treatment of the course content as well as additional information and exercises on the topic of storage integration with Veeam.

Zielgruppe:

- Systems Engineers / Administratoren
- Backup / Virtualization Administrators
- Pre-sales / post-sales staff
- Solution Architects / Consultants

This course is designed for beginners as well as administrators who want to implement the different levels of storage integration.

Integration will be demonstrated using NetApp systems as examples.

Voraussetzungen:

Participants of the workshop **BR418-EN Veeam Backup & Replikation v12.3 (VMCE) with Storage-Connection** should have experience in the IT sector, especially with virtual infrastructures.

Sonstiges:

Dauer: 5 Tage

Preis: 3950 Euro plus Mwst.

Ziele:

In the workshop **BR418-EN Veeam Backup & Replikation v12.3 (VMCE) with Storage-Connection** you can 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 <u>here</u>.

You can take a trial test <u>here</u>. For further exercises, the LABS are still available 10 working days after the course.



Inhalte/Agenda:	
•	♦ What can be protected?
	A Review of Veeam Data Platform and introduction to the class scenario A Review of Veeam Data Platform and introduction to the class scenario A Review of Veeam Data Platform and introduction to the class scenario A Review of Veeam Data Platform and introduction to the class scenario A Review of Veeam Data Platform and introduction to the class scenario A Review of Veeam Data Platform and introduction to the class scenario A Review of Veeam Data Platform and introduction to the class A Review of Veeam Data Platform A Review of Veeam Data Platform A Review of Veeam Data A Review of Veeam Data A Review of Veeam Data A Review of Veeam A Review A Revi
	♦ Secure/your backup server
	 Describe strategies and tools to secure the Veeam backup server to avoid unauthorized access
	and data leaks
	 Application consistency with secure authentication
	 Achieve application-consistent backups of virtual machines while maintaining operating
	system secure authentication
	♦ 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
	Protecting NAS A list required components and features quailable to protect NAS solutions
	 V List required components and realtires available to protect two solutions A Ontimiting your backups
	A Analyze features and settings that allow backup storage optimization faster backups
	and data consistency
	♦ Immutability
	 O Describe backup data protection mechanisms to avoid premature deletion
	and unwanted modifications
	♦ Linux Hardened Repository
	 Identify characteristics and deployment steps of Linux Hardened Repositories to achieve
	backup data immutability
	♦ Object storge repositories
	 Describe use cases, advantages and considerations to implement object storage solutions
	as Veeam backup repositories
	◆ Backup infrastructure optimization
	 List deployment options and additional settings to improve general backup solution performance Deplication
•	♦ Replication A Departies use seems architectures and features of replication is and continuous data protection (CDP)
	Obscribe use cases, architectures and realtires of replication jobs and continuous data protection (CDP) policies
	A Backure conv. John
•	Consume recoverability and adhere to the 3-2-1 Bule with backup convicts
•	 Long-têrm 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 (SOBRs)
٠	♦ Move and copy backups with VeeaMover
	 Identify use cases for virtual machine and backup migrations with VeeaMover
•	♦ Recovery verification
	O Create automated tests to ensure recoverability from backups and replicas
•	veeam Backup Enterprise Manager
-	 V Describe the use cases for Veeam Backup Enterprise Manager Becountry economic – Virtual machine failure
•	 necovery scenario — virtual machine failure Choose from different methods to recover a virtual machine from the backup
•	✓ Onouse nom underent methods to recover a virtual machine nom the backup ▲ Recovery scenario — Ransomware attack
•	 Securely restore a server after a ransomware incident with malware scanning of volumes
	directly from the backup and as part of the restore process
•	♦ Recovery scenario — Agent recovery
	 Explore available options to restore data from agent backups
•	♦ Recovery scenario — Explorer recovery
	 ♦ Use Veeam Explorers[™] to recover application items directly from image-level backups
•	♦ Recovery scenario — Guest file recovery
	 Restore guest operating system files directly from image-level backups and from diverse
	guest file systems
•	♦ Recovery scenario — Recovery from replica

- Obscribe virtual machine states available when recovering a virtual machine from its replica ٠ and mechanisms to avoid data loss and interdependent services recovery • Recovery scenario — Instant NAS recovery
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◊ List steps and considerations to instantly recover an entire file share from its backup

VMwarê Storage Integration

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- ♦ Requirements
- ♦ Installation
 - ◊ Features (such as Snapshot Orchestration, Snapshot Accelerated Backup Jobs, etc.)
- Provider comparison
- ♦ Agent storage integration
 - ♦ Requirements
 - ♦ Functions
 - ♦ Configuration
- ◆ File-Share Backup
 - ♦ Basic installation
 - ♦ System preparation
 - ♦ Snapshot integration