



Enterprise Computing Solutions - Education Services

TRAINING OFFERING

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Veeam Backup & Replication v12.1: Architecture and Design

CODE:	LÄNGE:	PREIS:
VEE_VBRV12AD	24 Hours (3 Tage)	€2,490.00

Description

Der dreitägige Schulungskurs „Veeam® Backup & Replication™ v12.1: Architektur und Design“ konzentriert sich darauf, IT-Experten beizubringen, wie sie eine Veeam-Lösung effektiv entwerfen können, indem sie technische Exzellenz gemäß der Veeam-Architekturmethodik erreichen, die von Veeams eigenen Solution-Architekten verwendet wird. Während der drei Tage erkunden die Teilnehmer die Ziele der Anforderungserfassung und Infrastrukturbewertung und nutzen diese Informationen, um im Rahmen von Teamübungen Veeam-Lösungen zu entwerfen.

Die Teilnehmer analysieren Überlegungen bei der Umwandlung logischer Designs in physische Designs und definieren die Verpflichtungen gegenüber dem Implementierungsteam, das diesen Design umsetzt. Zu den weiteren behandelten Themen gehören die Auswirkungen auf Sicherheit, Governance und Validierung bei der Architektur einer Veeam-Lösung und wie diese in das Gesamtdesign integriert werden können.

Lernziel

After completing this course, attendees should be able to:

- Design and architect a Veeam solution in a real-world environment.
- Describe best practices, review existing infrastructures, and assess business/project requirements.
- Identify relevant infrastructure metrics and perform component (i.e., storage, CPU, memory) quantity sizing.
- Provide implementation and testing guidelines that are in-line with designs.
- Innovatively address design challenges and pain points by matching appropriate Veeam Backup & Replication features with requirements.

Zielgruppe

Senior engineers and architects responsible for creating architectures for Veeam environments.

Voraussetzungen

Ideally VMCE-certified, attendees should have extensive commercial experience with Veeam and a broad sphere of technical knowledge of servers, storage, networks, virtualization, and cloud environments.

At least, a candidate should be able to:

- Explain core concepts from the Veeam Backup & Replication v12.1: Configure, Manage and Recover course.
- Configure common Veeam components.
- Operate Veeam Backup & Replication Console.
- Optimize an existing backup environment after studying its current implementation.
- Describe repository types and usage priorities (i.e., fast cloning, dedupe, object storage, data flow recommendations).
- Awareness of backup targets for Veeam Backup for cloud products and Veeam Plug-ins for enterprise applications.
- Have extensive technical experience with Veeam.

Inhalt

Introduction

- Review course expectations
- Analyze architecture principles
- Review Veeam architecture methodology
- Define the scope of a design project
- List the deliverables of a design project

Discovery

- Describe the data gathering process
- List key data to get from stakeholders
- Describe possible tools to analyze existing environments
- Identify complexity in the environment
- Review the course scenario

Conceptual design

- Clarify requirement, constraint, assumption, and risk concepts
- Identify received information as requirement, constraint, assumption, or risk
- Create high-level infrastructure and data flow diagrams

Logical design

- List required Veeam components based on requirements
- Describe logical grouping parameters
- Utilize appropriate sizing tools
- Create logical designs based on the course scenario

Physical design

- Describe the decision making procedure
- List the considerations behind designing backup repositories and VMware backup proxies
- Explain the implications of using backup from storage snapshots
- Document physical design decisions
- Create physical designs based on the course scenario

Group presentation

- Produce a presentation to a customer that summarizes your design
- Present your design

Implementation and Governance

- Describe the implementation guide
- List possible backup server configurations and security configurations
- Define the job design
- List the architect obligations for implementation

Validation and Iteration

- List the possible validation tests that can be performed on an implementation
- Describe validation tools and procedures
- List recovery validations that can be performed on an implementation
- Define malware detection methods
- Analyze considerations behind starting a new design cycle

Test und Zertifizierung

Completion of this course satisfies the prerequisite for taking the Veeam Certified Architect (VMCA) exam, the highest level of Veeam certification. VMCA certification proves knowledge of architecture and design concepts, highlighting the level of skill required to efficiently architect a Veeam solution in a range of real-world environments.

Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
30 Sep 2024	Virtual Classroom		German	Classroom		€2,490.00
09 Dec 2024	Virtual Classroom		German	Classroom		€2,490.00

Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.