VEAM-2 - VMCA V12.1 - VEEAM BACKUP & REPLICATION V12.1: ARCHITECTURE AND DESIGN

Categoria: **Veeam**

INFORMAZIONI SUL CORSO

Durata:	Categoria:	Qualifica Istruttore:	Dedicato a:	Produttore:
3 Giorni	Veeam	Veeam Certified Trainer	Professionista IT	Veeam

OBIETTIVI

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.

PREREQUISITI

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.

CONTENUTI

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

INFO

Esame: VMCA - Veeam Certified Architect
Materiale didattico: Materiale didattico ufficiale Veeam in formato digitale

Costo materiale didattico: incluso nel prezzo del corso a Calendario
Natura del corso: Operativo (previsti lab su PC)