

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

Categoria: Veeam

INFORMAZIONI SUL CORSO



Durata: 3 Giorni Categoria: Veeam

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Qualifica Istruttore: Veeam Certified Trainer

Dedicato a: Professionista IT



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)