

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

Categoria: **Veeam**

## INFORMAZIONI SUL CORSO



Durata:  
3 Giorni



Categoria:  
Veeam



Qualifica Istruttore:  
Veeam Certified  
Trainer



Dedicato a:  
Professionista IT



Produttore:  
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)