



## VEEAM-VMCE - Veeam Backup & Replication v12.1: Configure, Manage and Recover

Veeam - Veeam - Virtualizzazione e Cloud

Durata:

**4 Giorni**

Lingue:

**Italiano**

Certificazione:

**Veeam Certified Engineer (VMCE™)**

### Descrizione del corso

Il corso di formazione Veeam® Backup & Replication™ v12: Configure, Manage and Recover è un corso tecnico di tre giorni incentrato sull'insegnamento ai professionisti IT delle competenze necessarie per configurare, gestire e supportare una soluzione Veeam Backup & Replication v12. Grazie a numerosi laboratori pratici, il corso consente ad amministratori e ingegneri di proteggere e gestire efficacemente i dati in un ambiente tecnico e aziendale in continua evoluzione, portando benefici tangibili alle aziende nel mondo digitale. Il completamento di questo corso soddisfa i prerequisiti per sostenere l'esame **Veeam Certified Engineer (VMCE) v12**.

### Programma

#### Data protection strategies

- Review of key data protection strategies that ensure the safety of your data.

#### Analysis of risks to data

- Explore different risk scenarios, what risks do we face daily within our environment?

#### What is protected?

- Review of Veeam Data Platform and introduction to the class scenario.

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## **Security and protection considerations**

- Describe strategies and tools to secure the Veeam backup server to avoid unauthorized access and data leaks.

## **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.

## **Unstructured data backup**

- List required components and features available to protect unstructured data.

## **Optimizing your backups**

- Analyze features and settings that allow backup storage optimization, faster backups and data consistency.

## **Immutability and hardened repositories**

- Describe backup data protection mechanisms to avoid premature deletion and unwanted modifications. Identify characteristics and deployment steps of Linux Hardened Repositories to achieve backup data immutability.

## **Backup infrastructure optimization**

- List deployment options and additional settings to improve general backup solution performance.

## **Replication**

- Describe use cases, architectures and features of replication jobs and

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continuous data protection (CDP) policies.

### **Backup copy jobs**

- Ensure recoverability and adhere to the 3-2-1 Rule with backup copy jobs.

### **Long-term 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.

### **Move and copy backups with VeeamMover**

- Identify use cases for virtual machine and backup migrations with VeeamMover.

### **Recovery verification**

- Create automated tests to ensure recoverability from backups and replicas.

### **Veeam Backup Enterprise Manager**

- Describe the use cases for Veeam Backup Enterprise Manager.

### **Incident Response Planning**

- Integrating Veeam Backup and Replication into your incident response plan.

### **Advanced recovery features**

- Explore some more in-depth recovery features of Veeam Backup and Replication.

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## Selecting the ideal recovery method

- What are the implications of different recovery methods and selecting the correct recovery method.

## Enacting a recovery

- Get practice in recovering different recovery types with a variety of data types.

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