

Veeam Availability Suite v11: Configuration and Management

Référence : **VASv11CM**

Durée : **3 jours (21 heures)**

Certification : **VMCE**

Connaissances préalables

- Students should be experienced professionals with solid knowledge of servers, storage, networking and virtualization
- To prepare for the class, Veeam Partners would benefit from completing the Veeam Sales Professional (VMSP) and Veeam Technical Sales Professional (VMTSP) certifications within the ProPartner website
- Veeam customers would benefit from completing the free Veeam Availability Suite on-demand training on www.veeam.com

Profil des stagiaires

- This course is suitable for anyone responsible for configuring, managing or supporting a Veeam Availability Suite v11 environment

Objectifs

- Describe Veeam Availability Suite components usage scenarios and relevance to your environment
- Effectively manage data availability in on-site, off-site, cloud and hybrid environments
- Ensure both Recovery Time Objectives (RTOs) and Recovery Point Objectives (RPOs) are met
- Configure Veeam Availability Suite to ensure data is protected effectively
- Adapt with an organization's evolving technical and business data protection needs
- Ensure recovery is possible, effective, efficient, secure and compliant with business requirements
- Provide visibility of the business data assets, reports and dashboards to monitor performance and risks

Certification préparée

Veeam Certified Engineer (VMCE) 2021

Méthodes pédagogiques

- 6 à 12 personnes maximum par cours, 1 poste de travail par stagiaire
- Remise d'une documentation pédagogique papier ou numérique pendant le stage
- La formation est constituée d'apports théoriques, d'exercices pratiques et de réflexions

Formateur-riche

- Consultant-Formateur expert Veeam

Méthodes d'évaluation des acquis

- Auto-évaluation des acquis par le stagiaire via un questionnaire
- Attestation des compétences acquises envoyée au stagiaire
- Attestation de fin de stage adressée avec la facture

Contenu du cours

1. Introduction

- Describe RTOs and RPOs, what they mean for your business, how to manage and monitor performance against them
- The 3-2-1 Rule and its importance in formulating a successful backup strategy
- Identify key Veeam Availability Suite components and describe their usage scenarios and deployment types

2. Building backup capabilities

- Backup methods, the appropriate use cases and impact on underlying file systems
- Create, modify, optimize and delete backup jobs, including Agents and NAS Backup jobs. Explore different tools and methods to maximize environment performance
- Ensure efficiency by being able to select appropriate transport modes while being aware of the impact of various backup functions on the infrastructure

3. Building replication capabilities

- Identify and describe the options available for replication and impacts of using them
- Create and modify replication jobs, outline considerations to ensure success
- Introduce the new Continuous Data Protection (CDP) policy

4. Secondary backups

- Simple vs. advanced backup copy jobs, how to create and modify them using best practices to ensure efficient recovery
- Discuss using tapes for backups

5. Advanced repository capabilities

- Ensure repository scalability using a capability such as SOBR on-premises and off-site including integration with cloud storage
- Ensure compatibility with existing deduplication appliances
- Introduce the new hardened repository

6. Protecting data in the cloud

- Review how Veeam can protect the data of a cloud native application
- Review how Veeam Cloud Connect enables you to take advantage of cloud services built on Veeam
- Review how Veeam can be used to protect your Office 365 data

7. Restoring from backup

- Ensure you have the confidence to use the correct restore tool at the right time for restoring VMs, bare metal and individual content such as files and folders
- Utilize Secure Restore to prevent the restoration of malware
- Describe how to use Staged Restore to comply with things like General Data Protection Regulation (GDPR) before releasing restores to production
- Identify, describe and utilize the different explores and instant recovery tools and features

8. Recovery from replica

- Identify and describe in detail, failover features and the appropriate usage
- Develop, prepare and test failover plans to ensure recovery
- Disaster recovery from replica to meet a variety of real-world recovery needs

9. Testing backup and replication

- Testing backups and replicas to ensure you can recover, what you need, when you need to
- Configure and setup virtual sandbox environments based on backup, replicas and storage snapshots

10. Veeam Backup Enterprise Manager and Veeam ONE

- Introduce the concept of monitoring your virtual, physical and cloud environments with Veeam Backup Enterprise Manager and Veeam ONE™

11. Configuration backup

- Locate, migrate or restore backup configuration

Notre référent handicap se tient à votre disposition au [01.71.19.70.30](tel:01.71.19.70.30) ou par mail à referent.handicap@edugroupe.com pour recueillir vos éventuels besoins d'aménagements, afin de vous offrir la meilleure expérience possible.