Updated on 11/10/2024

Sign up

Veeam Availability Suite Training: Configuration and Management

3 days (21 hours)

Presentation

Veeam® Availability Suite is one of the best solutions for restoring huge volumes of data from virtual machines.

This suite comprises 2 of Veeam's flagship products: Veeam Backup & Replication for recovering data previously backed up to the cloud, and Veeam One for monitoring and analyzing your IT system.

This complementary solution is of great interest in the age of Big Data, cloud computing and the constant virtualization of organizations. With these two products, this suite promises high backup speed, an instant restore function and a table warning of various backup problems. Common problems are automatically resolved by the software.

Our Veeam Availability Suite training course will focus on how to protect your data and monitor the various metrics required for successful recovery. You'll discover how to protect your data according to your technical and business needs.

As in all our training courses, this one will introduce you to the latest generation of Veeam edition 11a products released on October 7, 2011 associated with Veeam Backup & Replication 11a to Veeam ONE™ version 11a monitoring and analysis. Discover with us its new features in terms of functionality and integration into your information system.

Objectives

- Discover the new features of versions 11 and 11a
- Understanding the usefulness of a storage system in a virtualized environment
- Describe usage scenarios for Veeam Availability Suite components

- Ensure the quality and protection of your data
- Manage data availability
- Create and customize dashboards
- Monitor actions with Veeam One, track RPO and RTO metrics
- Adapt to changing business and technical needs in terms of data protection
- Be able to carry out efficient and secure data recovery

Target audience

Anyone responsible for configuring, managing or supporting a Veeam Availability Suite environment.

Prerequisites

Professional with solid knowledge of servers, storage, networks and virtualization.

Veeam Availability Suite 11a Training Program

Introduction

- The importance of a backup solution
- Introducing Veeam and the Availability suite
- Different usage scenarios
- Make sure the trade-in is possible

What's new in Veeam Suite 11a?

- What's new in Veeam Backup 11a?
- What's new in Veeam One 11a
- Migration and new features
- System requirements and environments
- Editor's security policy and best practices for version management

Configuring Veeam

- Installing Veeam Backup and Replication correctly
- Configuring and optimizing servers
- Add recovery folder
- Managing network traffic
- Set up notifications

Securing your data

- Tailoring protection to business needs
- The 3-2-1-1-0 rule
- Application of the rule
- Protecting repositories
- Eliminating SSH
- Create backup jobs
- Have a copy of the backup and be able to replicate it
- Create a copy of job files
- How can you check your data effectively?

Continuous Data Protection (CDP)

- What is continuous data protection?
- Prerequisites for continuous data protection
- The role of the storage server in CDP
- Setting up proxies and policies
- Data replication
- The limits of the model

Improve your backups

- Efficient job management
- GFS (Grandfather-Father-Son) retention and how to set it up
- Define the back-up cycle

Data availability management

- On-site data access
- Off-site data access
- Access data in the cloud or via hybrid hosting

Veeam One

- Introducing Veeam One
- Architecture and interface presentation
- Install Veeam One and configure the network

Monitoring

- Recovery time (RTO)
- Define your RPO (recovery point objective)
- Connect Veeam One to the various servers
- Choose the objects to monitor
- Creating rules for inclusion and exclusion
- Create a customized dashboard

- Planning your dashboard
- Modify your dashboard (delete, duplicate, share, manage widgets)
- Set up notifications
- Export logs

Complementary Integration module, one of your choice (+1 day on request, in-house only)

- Veeam Agent 5.0 for Microsoft Windows
- Veeam Agent 5.0 for Linux 5.0
- Veeam Backup 6.0 for Microsoft 365
- Veeam Agent 3.0 for Oracle Solaris
- Veeam Backup 6.0 for Microsoft 365
- Veeam Agent 3.0 for Oracle Solaris
- Veeam Agent 3.0 for IBM AIX
- Veeam Disaster Recovery Orchestrator 5.0
- Veeam Management Pack for Microsoft System Center 9.0
- Veeam Service Provider Console 6.0
- Veeam PN 2.1
- Veeam Backup for Google Cloud Platform v2.0
- Veeam Backup for Microsoft Azure v3
- Veeam Backup for AWS v4a

Preparation for Veeam Certified Engineer (VMCE) (+1 day on request, in-house only)

- 1 day of preparation for your team's official VMCE™ certification

Preparation for Veeam Certified Architect (VMCA) (+1 day on request, in-house only)

- 1-day preparation for VMCA™ advanced official certification

Companies concerned

This training course is aimed at both individuals and companies, large or small, wishing to train their teams in a new advanced computer technology, or to acquire specific business knowledge or modern methods.

Positioning on entry to training

Positioning at the start of training complies with Qualiopi quality criteria. As soon as registration is finalized, the learner receives a self-assessment questionnaire which enables us to assess his or her estimated level of proficiency in different types of technology, as well as his or her expectations and personal objectives for the training to come, within the limits imposed by the selected format. This questionnaire also enables us to anticipate any connection or learning difficulties.

in-company security (intra-company or virtual classroom) which could be problematic for the follow-up and smooth running of the training session.

Teaching methods

Practical course: 60% Practical, 40% Theory. Training material distributed in digital format to all participants.

Organization

The course alternates theoretical input from the trainer, supported by examples, with brainstorming sessions and group work.

Validation

At the end of the session, a multiple-choice questionnaire verifies the correct acquisition of skills.

Sanction

A certificate will be issued to each trainee who completes the course.