



*Training Course:  
Veeam Advanced Architecture and Deployment  
Exam Preparation*

*3 - 7 November 2024  
Alexandria (Egypt)*

## Training Course: Veeam Advanced Architecture and Deployment Exam Preparation

Training Course code: IT235110 From: 3 - 7 November 2024 Venue: Alexandria (Egypt) - Training Course Fees: 4345 € Euro

### Introduction

Welcome to the Veeam Advanced Architecture and Deployment Training Program. In this comprehensive course, we will delve into the intricacies of designing, configuring, and optimizing Veeam Backup & Replication solutions. Whether you are an IT professional seeking to enhance your skills or a systems architect responsible for building robust data protection strategies, this training will equip you with the knowledge and insights to excel in Veeam's advanced architecture and deployment practices.

### Objectives

By the end of this training program, participants will:

- Gain a deep understanding of Veeam's architecture and components, enabling informed decision-making during deployment.
- Master the installation and configuration of Veeam Backup & Replication, including advanced settings and networking considerations.
- Learn advanced techniques for creating, managing, and optimizing backup, replication, and backup copy jobs.
- Explore cloud integration options and best practices for extending Veeam deployments to public and private clouds.
- Develop expertise in high availability and performance optimization strategies to ensure data protection efficiency.
- Acquire skills for advanced recovery scenarios and troubleshooting common issues.
- Understand best practices and compliance considerations for maintaining secure and compliant data protection environments.

### Target Audience

This training program is designed for:

- IT Professionals: System administrators, backup administrators, and IT managers looking to deepen their knowledge of Veeam architecture and deployment practices.
- Systems Architects: Individuals responsible for designing data protection solutions and optimizing Veeam deployments for scalability, availability, and performance.
- Backup and Recovery Specialists: Professionals seeking to expand their skill set in advanced backup, replication, and recovery techniques using Veeam technologies.
- IT Consultants: Individuals advising clients on data protection strategies and looking to enhance their expertise in Veeam solutions.
- Pre-sales and Post-sales Engineers: Those involved in presenting and implementing Veeam solutions for

customers, aiming to provide comprehensive guidance.

## Program Outline

### Day 1: Foundations of Veeam Architecture

- Introduction to Veeam and Architecture Fundamentals
  - Evolution and Key Features of Veeam
  - Data Protection Concepts: Backup, Replication, and Recovery
  - Exploring Veeam Architecture Components

### Day 2: Veeam Installation and Configuration

- Installation and Basic Configuration
  - Installing Veeam Backup & Replication Components
  - Initial Configuration and Basic Settings
  - Repository Types and Integration
- Advanced Configuration and Networking
  - Scale-Out Backup Repositories: Configuration and Benefits
  - Backup Infrastructure Networking: Optimal Settings
  - Tape Infrastructure Integration and Configuration

### Day 3: Advanced Backup and Replication

- Creating and Managing Backup Jobs
  - Backup Job Configuration: Source, Destination, Scheduling
  - Advanced Settings: Encryption, Compression, Storage Optimization
  - Application-Aware Processing: Protecting Databases and Applications
- Replication, Backup Copy, and Cloud Integration
  - Setting Up Replication Jobs for Disaster Recovery
  - Backup Copy Jobs: Offsite Backups and Long-Term Retention
  - Cloud Integration Options: Veeam Cloud Connect, Public Clouds

### Day 4: High Availability and Performance Optimization

- Scalability and Performance Optimization
  - Advanced Scale-Out Backup Repositories: Configuration and Best Practices
  - Veeam ONE Overview: Monitoring, Reporting, and Capacity Planning
  - WAN Acceleration: Optimizing Data Transfer over the WAN
- Cloud Integration and Compliance
  - Extending Architecture to Public and Private Clouds: Best Practices
  - Cloud Mobility: Migration and Failover Scenarios
  - Ensuring Data Compliance and Security

## Day 5: Advanced Recovery and Troubleshooting

- Advanced Recovery Techniques
  - Instant VM Recovery: Rapid VM Recovery from Backups
  - SureBackup and SureReplica: Automated Recovery Verification
  - Advanced Recovery Scenarios: Granular Application Recovery
- Troubleshooting and Best Practices
  - Advanced Troubleshooting: Identifying and Resolving Common Issues
  - Best Practices for Veeam Architecture and Deployment
  - Final Q&A and Knowledge Assessment

## Registration form on the Training Course: Veeam Advanced Architecture and Deployment Exam Preparation

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Complete & Mail or fax to Global Horizon Training Center (GHTC) at the address given below

### Delegate Information

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
Official E-Mail: .....

### Company Information

Company Name: .....  
Address: .....  
City / Country: .....

### Person Responsible for Training and Development

Full Name (Mr / Ms / Dr / Eng): .....  
Position: .....  
Telephone / Mobile: .....  
Personal E-Mail: .....  
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### Payment Method

- ☐ Please find enclosed a cheque made payable to Global Horizon
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### Easy Ways To Register

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