

## Advanced VMware and VEEM Integration

*Sharm El-Sheikh (Egypt)*

*13 - 24 April 2025*

UK Traininig

# PARTNER



# Advanced VMware and VEEM Integration

Code: IT28 From: 13 - 24 April 2025 City: Sharm El-Sheikh (Egypt) Fees: 7400 Pound

## Introduction

Welcome to the **Advanced VMware and VEEM Training Course**. This comprehensive program is designed to provide you with an in-depth understanding of VMware, a leading virtualization platform, and VEEM, a prominent data protection and recovery solution. Over the course, you will explore advanced concepts, gain hands-on experience, and develop the skills needed to manage virtual environments and safeguard your data effectively.

## Course Objectives

- Develop an advanced understanding of VMware virtualization technology.
- Gain proficiency in configuring and managing VMware virtual infrastructure.
- Learn how to optimize performance, resource allocation, and scalability in VMware environments.
- Acquire the skills required to design, deploy, and maintain VMware solutions effectively.
- Explore VEEM data protection solutions and understand their importance in safeguarding critical business data.
- Learn how to set up VEEM backups, ensure data recoverability, and implement disaster recovery strategies.
- Develop the expertise to integrate VMware and VEEM for enhanced virtualization and data protection capabilities.

## Course Outlines

### Day 1: Introduction to VMware Virtualization

- Understanding virtualization concepts.
- Overview of VMware products and solutions.
- Installation and configuration of VMware ESXi.

### Day 2: Advanced VMware Configuration

- Virtual machine creation and management.
- Resource allocation and performance optimization.
- Virtual network and storage configuration.

### Day 3: VMware High Availability and Fault Tolerance

- Implementing HA and FT for mission-critical applications.
- Managing clusters and host profiles.
- Monitoring and troubleshooting VMware environments.



## Day 4: VMware vCenter Server and Administration

- Installing and configuring VMware vCenter.
- Managing virtual machines with vCenter Server.
- vCenter Server best practices.

## Day 5: VMware Security and Compliance

- Securing virtual environments.
- User and role management.
- Compliance and auditing in VMware.

## Day 6: Introduction to VEEM Data Protection

- Understanding data protection concepts.
- VEEM products and features overview.
- Installation and configuration of VEEM Backup and Replication.

## Day 7: VEEM Backup and Recovery Strategies

- VEEM backup jobs and policies.
- Data recovery and restore processes.
- Disaster recovery planning with VEEM.

## Day 8: Advanced VEEM Features and Capabilities

- Leveraging VEEM for virtualization.
- Continuous data protection and instant recovery options.
- Best practices for VEEM configuration and management.

## Day 9: Integrating VMware and VEEM

- Strategies for integrating VMware with VEEM.
- Setting up and managing integrated solutions.
- Case studies and real-world applications of integration.

## Day 10: Final Review and Hands-On Lab

- Review of key concepts and techniques from the course.
- Hands-on lab: Implementing a complete VMware and VEEM solution.
- Q&A session and course evaluation.





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**BLACKBIRD**  
FOR TRAINING



International House 185 Tower Bridge  
Road London SE1 2UF United Kingdom



+44 7401 1773 35  
+44 7480 775526



Sales@blackbird-training.com



www.blackbird-training.com

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