BLACKBIRD FOR TRAINING

Veeam Backup & Replication

13 – 17 September 2027
Lyon (France)



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Introduction

Data has become one of the most critical assets for modern organizations, supporting daily operations, strategic decision-making, and long-term growth. As digital environments expand, the risk of data loss caused by system failures, human error, cyber incidents, or infrastructure outages continues to increase. Organizations therefore require reliable and structured solutions to protect their data and ensure fast recovery when disruptions occur.

The Veeam Backup & Replication course is designed to provide professionals with a practical and structured understanding of data protection, backup, and recovery processes. The course targets executives seeking operational awareness, team leaders responsible for infrastructure reliability, and technical professionals with intermediate experience in systems and virtual environments. It focuses on building the skills needed to protect critical workloads and support business continuity.

The practical value of this course lies in its real-world approach to backup and replication management. Participants learn how to design, implement, and manage data protection strategies that minimize downtime and reduce operational risk. These capabilities help organizations maintain service availability, protect critical information, and respond effectively to unexpected incidents.

Course Objectives

The Veeam Backup & Replication course aims to strengthen practical skills related to data protection and recovery within enterprise environments. The objectives focus on applied knowledge and operational readiness.

- Understand core concepts of backup and replication.
- Identify key components of data protection solutions.
- Implement effective backup policies and schedules.
- Perform reliable data recovery operations.
- Manage storage resources used for backup data.
- Analyze risks related to data loss and system outages.
- Support business continuity and recovery planning.
- Prepare for professional certification pathways in data protection.



Course Outlines

Day One: Introduction to Data Protection and Backup Fundamentals

- Overview of data protection challenges in modern environments.
- Understanding the impact of data loss on operations.
- Differentiating between backup and replication concepts.
- Identifying core components of backup solutions.
- Reviewing common data loss scenarios.
- Discussion of practical data protection use cases.

Day Two: Backup Environment Design and Configuration

- Reviewing requirements for a reliable backup environment.
- Preparing source systems and protected workloads.
- Configuring backup repositories and storage targets.
- Applying security and access control settings.
- Defining backup schedules and retention policies.
- Practical exercises focused on environment setup.

Day Three: Backup Execution and Data Recovery Operations

- Performing full and incremental backup operations.
- Managing backup versions and restore points.
- Executing step-by-step data recovery procedures.
- Handling partial and granular recovery scenarios.
- Verifying the integrity of recovered data.
- Practical exercises focused on recovery scenarios.

Day Four: Replication and Disaster Recovery Strategies

- Understanding replication and its role in continuity planning.
- Configuring replication for critical workloads.
- Performing disaster recovery testing activities.
- Reducing downtime during system failures.
- Analyzing and improving recovery plans.
- Reviewing real-world disaster recovery scenarios.



Day Five: Advanced Management and Final Evaluation

- Comprehensive review of all course topics.
- Managing backup policies at an organizational level.
- Monitoring system performance and storage consumption.
- Analyzing backup and recovery reports.
- Evaluating participant understanding through applied activities.
- Summarizing key concepts and identifying next development steps.

Why Attend This Course: Wins & Losses!

- Designed for professionals with intermediate experience.
- Strengthens organizational data protection capabilities.
- Reduces the risk of data loss and extended downtime.
- Supports effective business continuity planning.
- Focuses on practical and operational scenarios.
- Applicable across diverse organizational environments.
- Improves readiness for incident response and recovery.
- Supports professional growth in data protection roles.

Conclusion

The Veeam Backup & Replication course provides a structured and practical framework for protecting data and ensuring reliable recovery in modern organizational environments. It is designed for professionals with intermediate experience who seek to strengthen their operational capabilities and reduce the impact of system disruptions.

By combining backup configuration, recovery execution, replication strategies, and advanced management practices, the course equips participants with skills that can be applied directly in real environments. This approach supports improved resilience, reduced risk, and stronger operational continuity.

Overall, this course represents a valuable step for organizations and individuals aiming to enhance data protection strategies, safeguard critical information, and maintain stable and reliable operations.

