



Disaster Recovery in Microsoft Azure

HIGHLIGHTS

- **Master RTOs & RPOs:** Gain an in-depth understanding of RTOs and RPOs to safeguard business-critical workloads.
- **Hands-On Lab Experience:** Build practical skills with guided labs, setting up disaster recovery using Azure Site Recovery.
- **Design Resilient Systems:** Learn best practices for building fault-tolerant cloud architectures.
- **Test Your DR Plans:** Participate in labs to set up, test, and refine DR plans in Microsoft Azure.
- **Ensure Continuous Improvement:** Discover strategies for maintaining, updating, and enhancing your DR plans for long-term success.

ABOUT DAYMARK

Daymark Solutions excels in creating sophisticated technology solutions, specializing in addressing complex business challenges through expertly designed systems. Their highly skilled architects are adept at crafting well-architected solutions that seamlessly integrate cloud and data center technologies. By combining these technologies, they create robust, scalable and secure systems tailored to meet their clients' unique needs.

Design a resilient disaster recovery strategy with Microsoft Azure.

OVERVIEW

Data is among the most valuable commodities today; mitigating risk to business data is a constantly evolving science. Disaster recovery (DR) planning is a critical component of safeguarding data. This workshop explores disaster recovery essentials, focusing on Recovery Time Objective (RTO) and Recovery Point Objective (RPO) as the foundation for DR planning. You will learn the architecture and deployment fundamentals required to design a robust DR solution, leveraging Microsoft Azure services.

The workshop begins with a focus on understanding key concepts and how to group workloads according to RTO and RPO. Participants will learn how to identify critical workloads, map business priorities to DR strategies, and use Microsoft Azure services like Azure Site Recovery to develop resilient environments. The workshop also covers designing, implementing, and testing disaster recovery plans that meet a sample organization's needs.

By the workshop's conclusion, we will have explored the practical aspects of DR planning, including designing DR architecture, setting up replication, failover strategies, and regularly testing DR plans. Participants will leave with a comprehensive understanding of how to maintain a resilient cloud environment.

LEARNING OBJECTIVES

At the completion of the engagement, participants will:

- Understand the core concepts of disaster recovery, including RTO and RPO, and their importance in cloud disaster recovery planning.
- Gain practical skills in designing and implementing a disaster recovery strategy using Microsoft Azure services.
- Leverage Azure Site Recovery to set up replication, failover, and failback in a lab environment.
- Learn how to regularly test and improve disaster recovery plans to meet evolving business needs.
- Learn how to implement a disaster recovery plan that aligns with Microsoft's best practices and ensures business continuity.

AGENDA

Session 1: Introduction to Disaster Recovery and RTO/RPO

- **Objective:** Introduce fundamental DR concepts, focusing on RTO and RPO.
- **Activities:**
 - Overview of disaster recovery and business continuity.
 - Importance of RTO/RPO for DR strategies.
 - Azure DR services (e.g., Azure Site Recovery, Backup).
 - Identifying critical workloads.
 - Defining RTO/RPO values.
 - Analyze a sample Azure environment to determine RTO/RPO.
 - Map business priorities to DR strategies.

Session 2: Designing, Implementing, and Testing a DR Plan

- **Objective:** Guide participants in designing, implementing, and testing an Azure DR plan.
- **Activities:**
 - Designing a DR architecture, workload placement and recovery plans.
 - Setting up Azure Site Recovery.
 - Best practices for disaster recovery based on Microsoft's Cloud Adoption Framework.
 - Testing and improving DR plans.
 - Design a sample DR plan.
 - Perform a DR test on a sample environment.

Learn more about Daymark Solutions, visit www.daymarksi.com

Daymark Solutions, Inc.
131 Middlesex Turnpike
Burlington, Massachusetts 01803

☎ +1.781.359.3000
✉ info@daymarksi.com
🌐 www.daymarksi.com

