

IBM Cloud Disaster Recovery

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Write an abstract and module of Disaster recovery with IBM cloud virtual servers



Abstract:

Disaster recovery is a critical aspect of modern IT infrastructure management, ensuring business continuity in the face of unforeseen disruptions. This document explores disaster recovery solutions using IBM Cloud virtual servers, focusing on their capabilities, benefits, and implementation strategies. By leveraging IBM Cloud's robust infrastructure and services, organizations can create resilient and cost-effective disaster recovery plans to safeguard their data and applications.

Module 1: Introduction to Disaster Recovery with IBM Cloud Virtual Servers

1.1 Overview of Disaster Recovery

- Define disaster recovery and its importance in business continuity.
- Discuss the types of disasters that can affect IT infrastructure.

1.2 IBM Cloud Virtual Servers

- Introduce IBM Cloud Virtual Servers and their key features.
- Explain the advantages of using virtual servers in disaster recovery.

Module 2: Disaster Recovery Planning

2.1 Assessing Business Continuity Needs

- Describe the process of assessing an organization's disaster recovery requirements.
- Identify critical applications and data that need protection.

2.2 RPO and RTO Definitions

- Define Recovery Point Objective (RPO) and Recovery Time Objective (RTO).
- Explain how these metrics impact disaster recovery planning.

Module 3: IBM Cloud Disaster Recovery Solutions

3.1 IBM Cloud Resiliency Orchestration

- Introduce IBM Cloud Resiliency Orchestration as a disaster recovery solution.
- Explain its features, such as automation and orchestration.

3.2 IBM Cloud Virtual Servers for DR

- Explore the use of IBM Cloud Virtual Servers as a foundation for disaster recovery.
- Discuss server replication, backup, and snapshot strategies.

Module 4: Implementing Disaster Recovery on IBM Cloud

4.1 Setting up Disaster Recovery Environments

- Walk through the steps to set up a disaster recovery environment on IBM Cloud.

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