Disaster Recovery with IBM Cloud Virtual Servers

IBM Disaster Recovery

Introduction:

       Safeguard business operations with IBM Cloud Virtual Servers. Create a disaster recovery plan for an on-premises virtual machine, ensuring continuity in unforeseen events. Test and validate the recovery process to guarantee minimal downtime. Become the guardian of business continuity, securing the future of your organization.
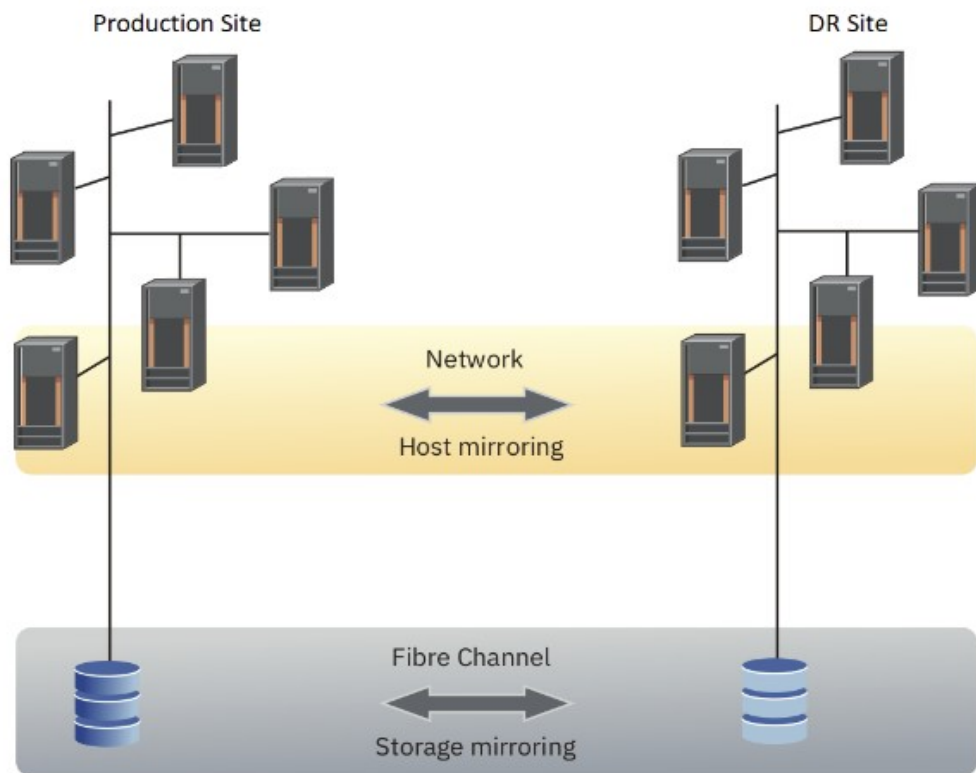
Definition:

       The project involves creating a disaster recovery plan using IBM Cloud Virtual Servers. The objective is to safeguard business operations by developing a plan that ensures continuity for an on-premises virtual machine in unforeseen events. This plan will include setting up backup strategies, configuring replication, testing the recovery process, and guaranteeing minimal downtime. The project encompasses defining the disaster recovery strategy, implementing backup and replication, validating recovery procedures, and ensuring business continuity.

Steps:

1. **Disaster Recovery Strategy:** Define the disaster recovery strategy and objectives, including recovery time objectives (RTO) and recovery point objectives (RPO).
2. **Backup Configuration:** Configure regular backups of the on-premises virtual machine to capture critical data and configurations.
3. **Replication Setup:** Implement replication of data and virtual machine images to IBM Cloud Virtual Servers to ensure up-to-date copies.
4. **Recovery Testing:** Design and conduct recovery tests to validate the recovery process and guarantee minimal downtime.
5. **Business Continuity:** Ensure that the disaster recovery plan aligns with the organization's overall business continuity strategy.

Example of IBM Disaster Recovery:

Result:

       IBM provides disaster recovery (DR) to its customers within an industry-leading time-frame of 4 hours. Recovery procedures are in place for applications used by customers and by Customer Support. In addition, the infrastructure of host systems and data communications are included in the disaster recovery plan.