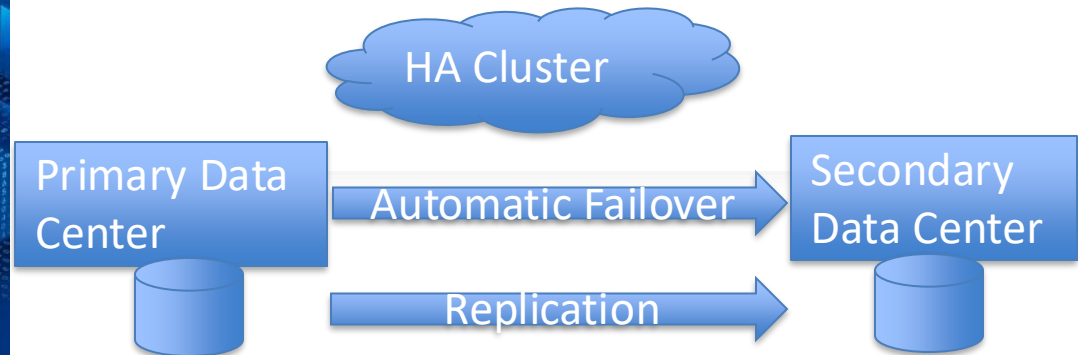


# DR Scenario 1

RPO= 1 hr, RTO= 8 hrs, High Availability Required



Design: Active-Active Data Centers with Replication

## Description:

- Two data centers in Active-Active configuration.
- Synchronous replication between data centers to achieve RPO of 1 hour.
- Automatic failover to secondary data center in case of failure.
- High availability ensured with minimal downtime (RTO = 8 hours).



# DR Scenario 2

RPO= 24 hrs, RTO= 72 hrs, High Availability Not Required

Primary Data Center

Manual Failover

Secondary Data Center

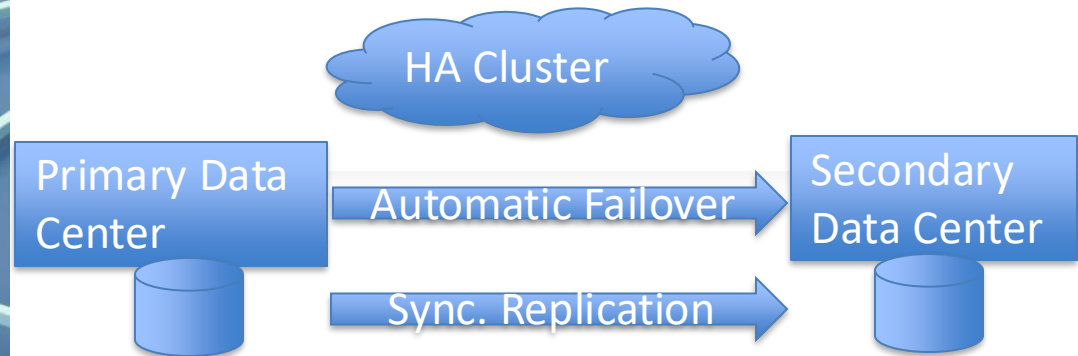
Design: Active-Passive Data Centers with Daily Backup

## Description:

- Primary data center actively serving applications.
- Asynchronous backups taken every 24 hours.
- Manual failover to passive data center in the event of failure.
- Higher RTO of 72 hours, no high availability required.

# DR Scenario 3

RPO= 5 mins, RTO= 1 hr, High Availability Required



Design: Active-Active Data Centers with Synchronous Replication

## Description:

- Two data centers in Active-Active configuration.
- Synchronous replication ensures RPO of 5 minutes.
- Automatic failover within 1 hour to meet RTO requirement.
- High availability is provided with near-zero downtime.