

What's covered here?

- Disaster Recovery Implementation
- Technical Options

Technical Options

- Backup and Restore
- Log Shipping
- Database Snapshot
- Clustering
- Replication
- Use the appropriate technology

Types of Backup and Restore

- Full
- Differential
- Transaction Log

Weekly Backup Schedule

- Full - on weekend
- Differential - daily
- Transaction Log - every 15 minutes
- FULL Recovery Model must be set

Restore Sequence

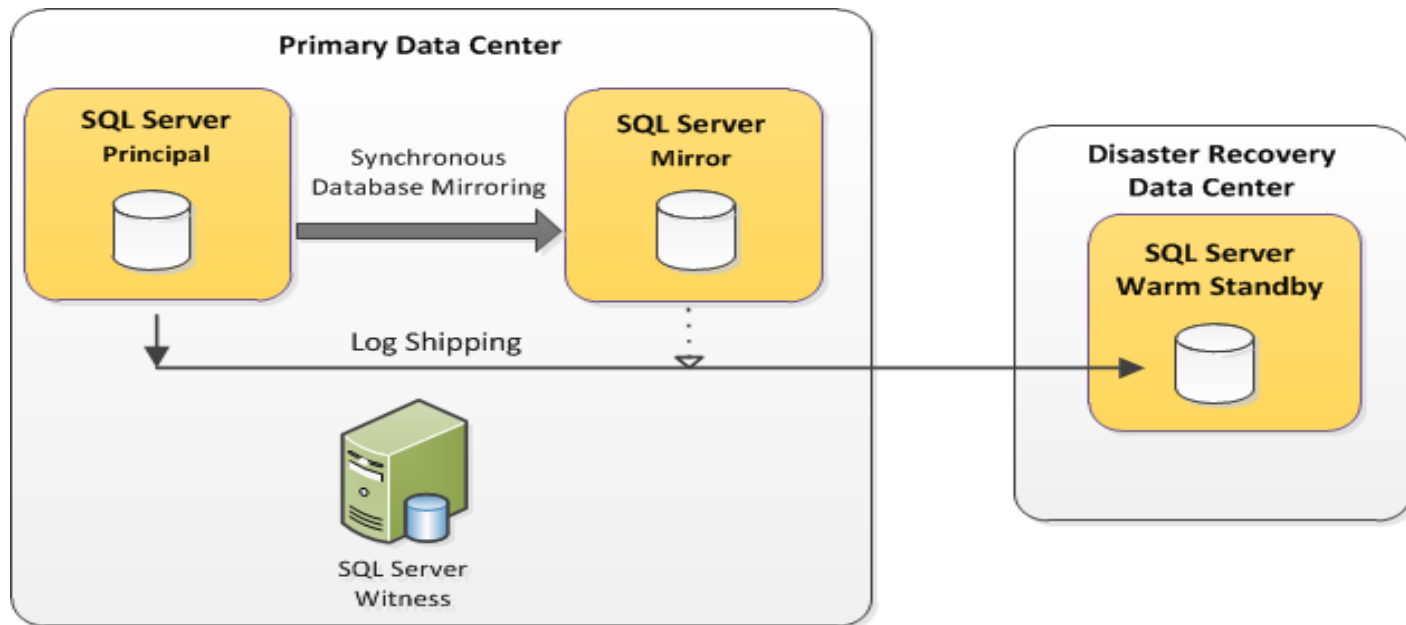
- Start with the most recent full backup
- Apply the most recent differential backup
- Then apply all transaction log backups after the most recent differential backup in reverse order

Backup and Restore

- Compression can reduce the backup file size by 50%
- Consider encrypting backup files

High Availability Technology

- Database mirroring for high availability and log shipping for disaster recovery



High Availability Technology

- Using availability groups for high availability and disaster recovery

