

Designing and Implementing Site Recovery Infrastructure



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Course Overview



Defining Site Recovery Goals

Designing and Implementing Site Recovery Infrastructure

Identifying Site Recovery Resources

Designing Site Failover Strategy

Overview

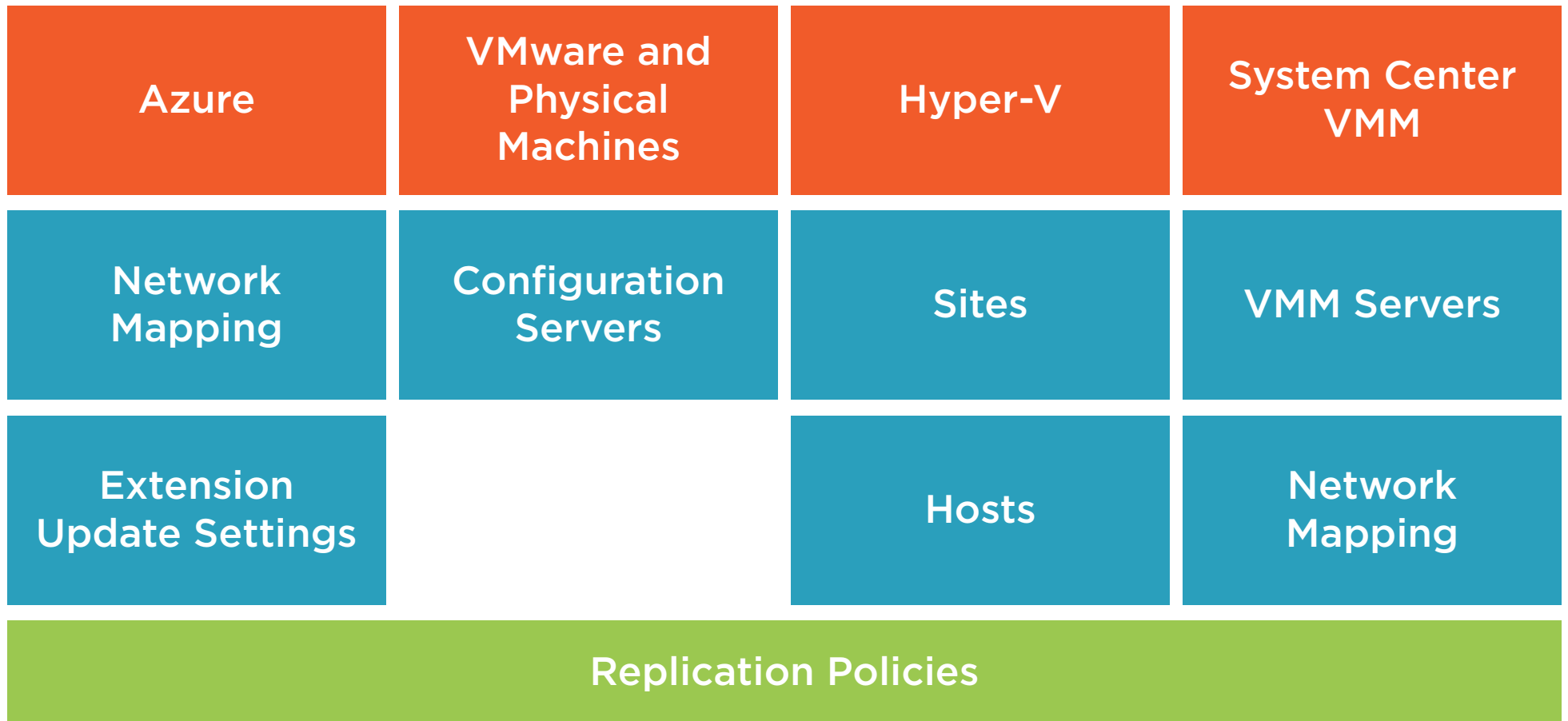
Overview of Site Recovery Infrastructure

Capacity Planning Considerations

Working with Replication Policies

Enabling Virtual Machine Protection

Site Recovery Infrastructure



Demo

Overview of Site Recovery Infrastructure

Capacity Planning Considerations



Site Recovery Deployment Planner

Replication traffic

Server Infrastructure

Configuration Server

Process Server

Replication Traffic



Data change rate

Maximum throughput

Configure monitoring and alerting

<https://bit.ly/348SIWP>

Network throttling

Amount consumed

Time of day

<https://bit.ly/2UOat44>

Storage account limits

Configuration Server



Responsible for orchestration

Maximum 200 protected machines

Add another Configuration Server

Maximum 2TB of change data per day

Add another Process Server

<https://bit.ly/3aw7YKI>

Process Server



Responsible for data synchronization

On the Configuration Server initially

**Scale out based on change data rate
and number protected machines**

Disk-based cache

System Sizing - <https://bit.ly/3dMhqLH>

Monitoring - <https://bit.ly/2UXvp8l>

Replication Policy

Source Type

Target Type

Copy Frequency

**Recovery Point
Retention**

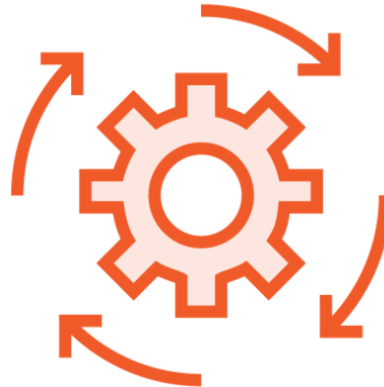
Recovery Point

**App-consistent
snapshot frequency**

Bringing It All Together



**Register Server
Infrastructure**



**Defining
Replication Policies**



Enable Protection

Demo

**Registering Server Infrastructure with
your Vault**

Working with Replication Policies

Enabling Virtual Machine Protection

Review

Overview of Site Recovery Infrastructure

Capacity Planning Considerations

Working with Replication Policies

Enabling Virtual Machine Protection

Up Next:

Identifying Site Recovery Resources
