

Implement Disaster Recovery by Using Azure Site Recovery



Tim Warner

Microsoft Azure Solutions Architect

@TechTrainerTim TechTrainerTim.com





Configure Azure Site Recovery protection

- For on-premises VMs
- For Azure virtual machines

Configure ASR recovery plans



Windows Server 2022: Implement Disaster Recovery

Manage Backup for Windows Server

Manage Recovery for Windows Server

Implement Disaster Recovery by using Azure Site Recovery

Protect Virtual Machines by Using Hyper-V Replicas



Azure Site Recovery (ASR)



Azure Site Recovery



Replication-based business continuity disaster recovery (BCDR) solution

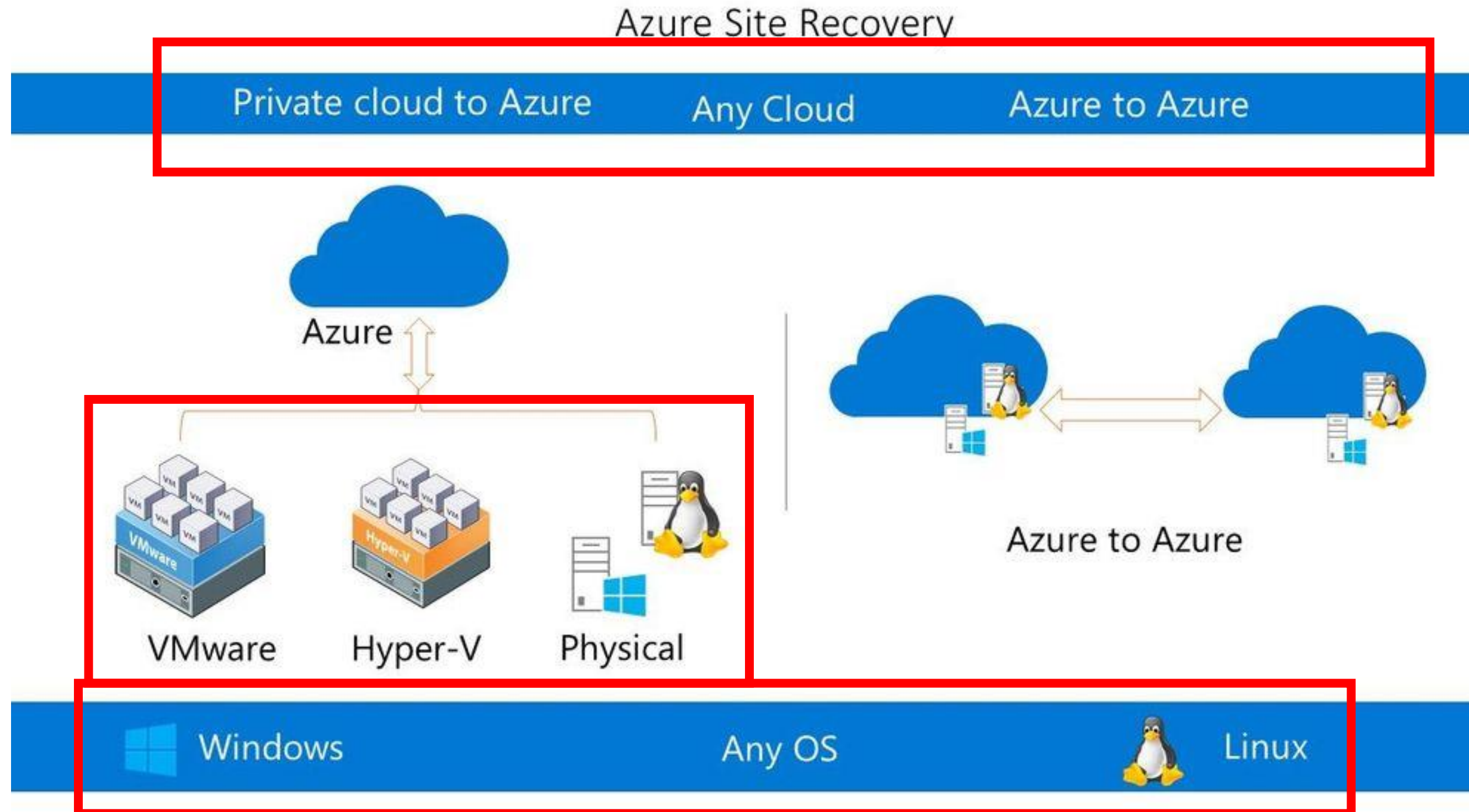
Originally doubled as a server migration solution

- Azure Migrate Server Migration

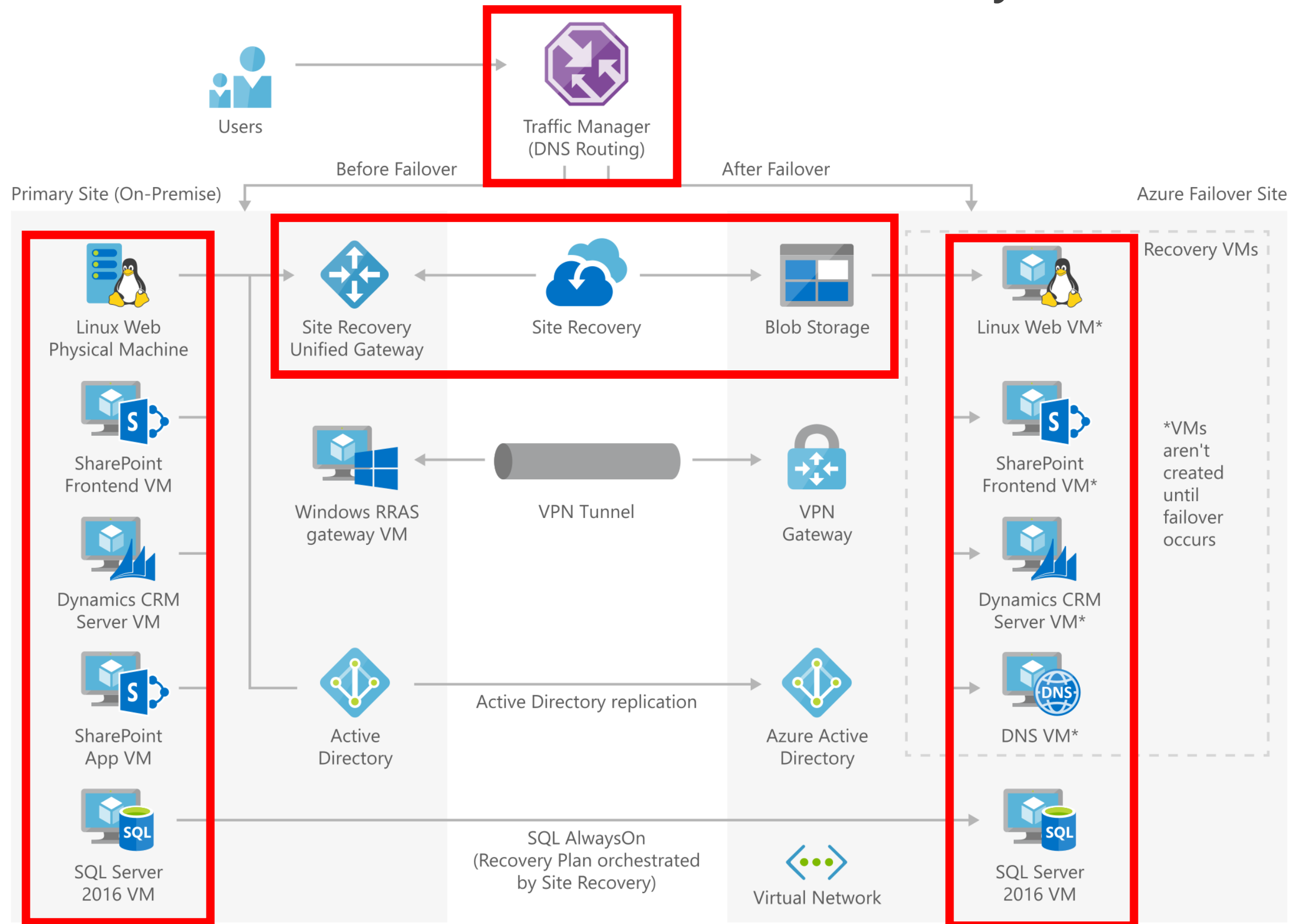
Multi- and hybrid-cloud workload protection



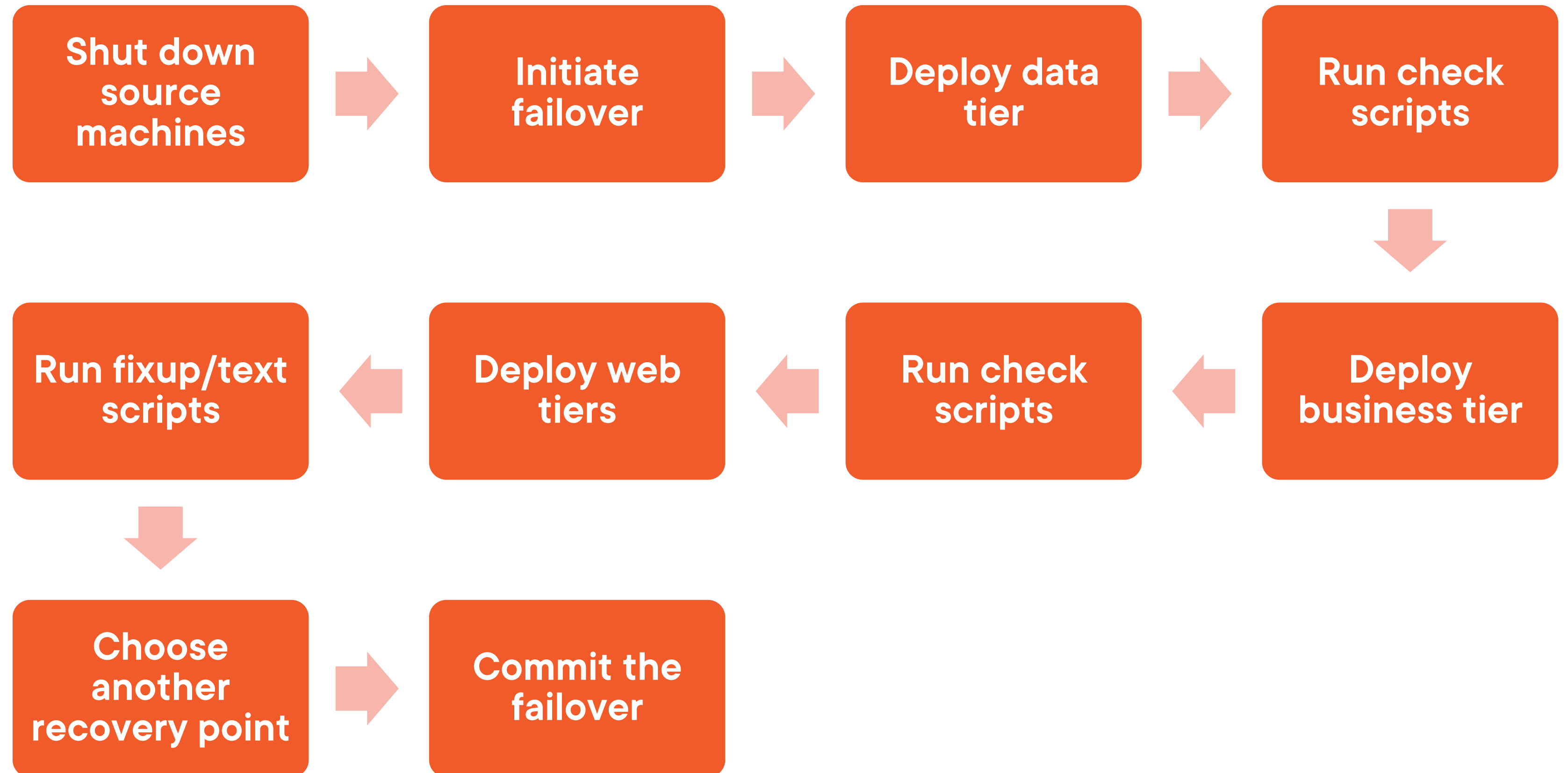
Azure Site Recovery (ASR)



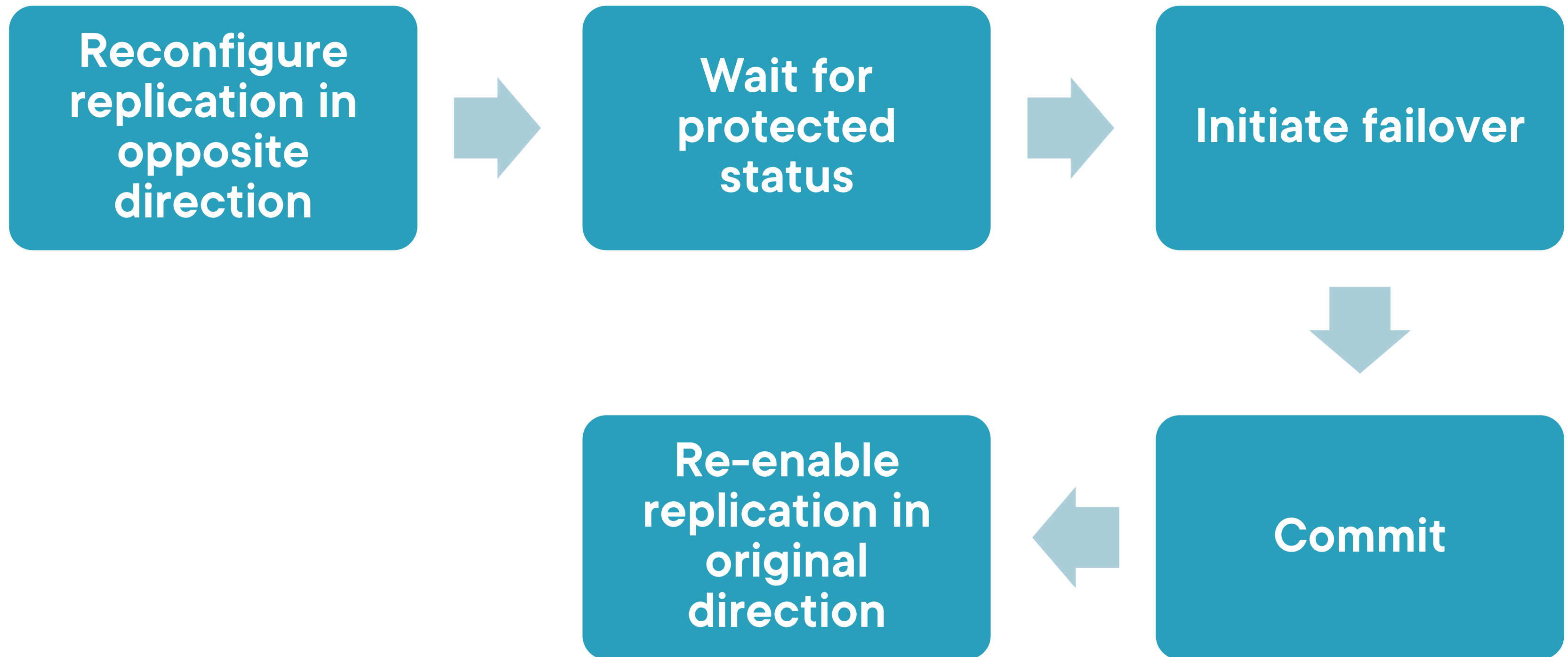
ASR Disaster Recovery



ASR Recovery Plan: Failover Example



ASR Recovery Plan: Failback Example



Demo



1

Show replication setup

Provider/appliance

Initiate failover and failback



Summary



ASR is such a robust, effective technology some independent software vendors (ISVs) build their solutions on top of ASR

Please use Azure Migrate for server migration

Lead: But what if I do want to replicate and manage only single VMs? Isn't ASR overkill?



Up Next:

Protect Virtual Machines by Using
Hyper-V Replicas

