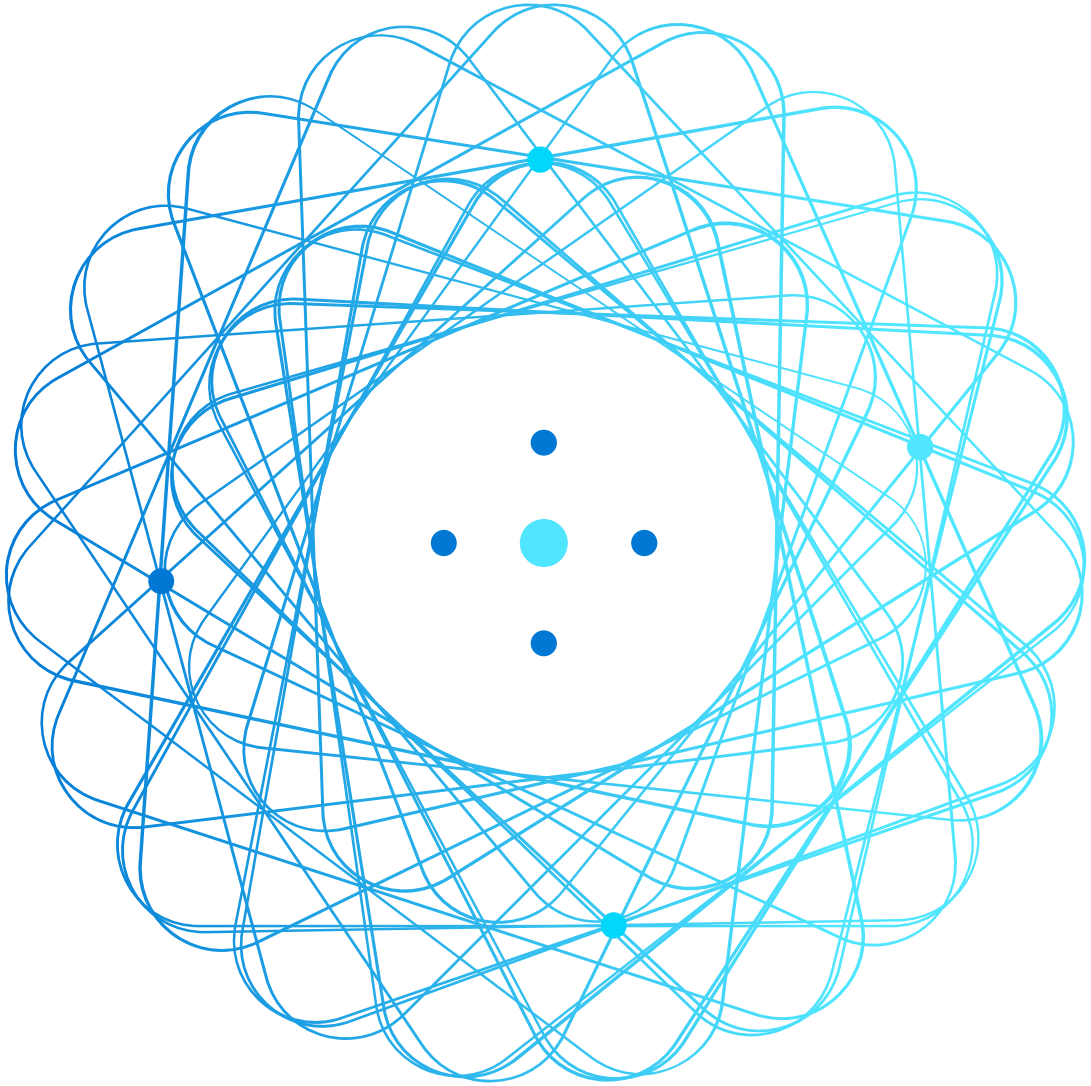
Microsoft Azure

AZ-140

Configuring and Operating Azure Virtual Desktop



AZ-140 Agenda

Learning Path 1

1. Azure Virtual Desktop Architecture
2. Design the Azure Virtual Desktop architecture
3. Design for user identities and profiles

Learning Path 2

4. Implement and manage networking for AVD
5. Implement and manage storage for AVD
6. Create and configure host pools and session hosts for AVD
7. Create and manage session host image for AVD

Learning Path 3

8. Manage access for AVD
9. Manage security for AVD

Learning Path 4

10. Implement and manage FSLogix
11. Configure user experience settings
12. Install and configure apps on a session host

Learning Path 5

ASR

13. Plan for disaster recovery
14. Automate Azure Virtual Desktop management tasks
15. Monitor and manage performance and health

Plan for disaster recovery

Introduction

- Disaster Recovery for Azure Virtual Desktop
- Virtual Machine (VM) replication ASR
- FSLogix configuration 2×

AZ-140: Monitor and maintain an Azure Virtual Desktop infrastructure (20-25%)

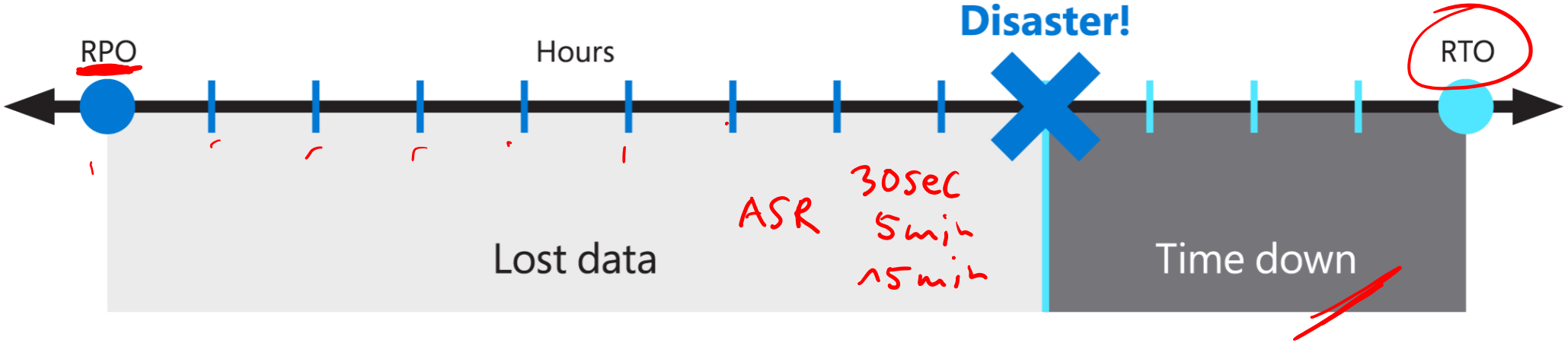
Plan and implement business continuity and disaster recovery

- Conceptual knowledge of Azure compute solutions.
- Working experience with virtual machines, virtual networks, and app service.

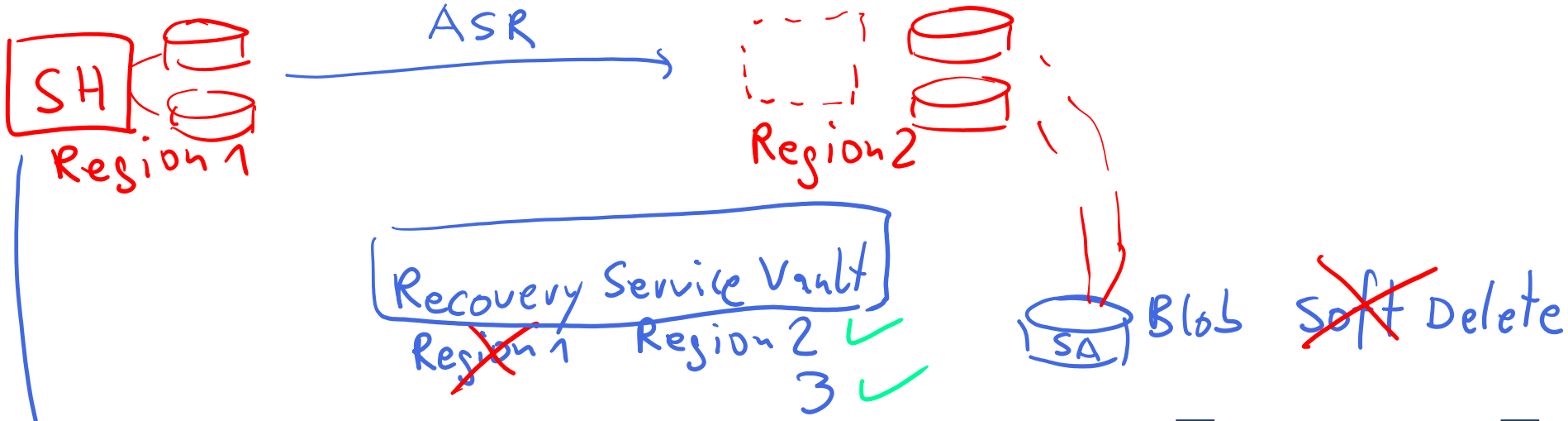
Disaster Recovery for Azure Virtual Desktop

Disaster recovery for Azure Virtual Desktop

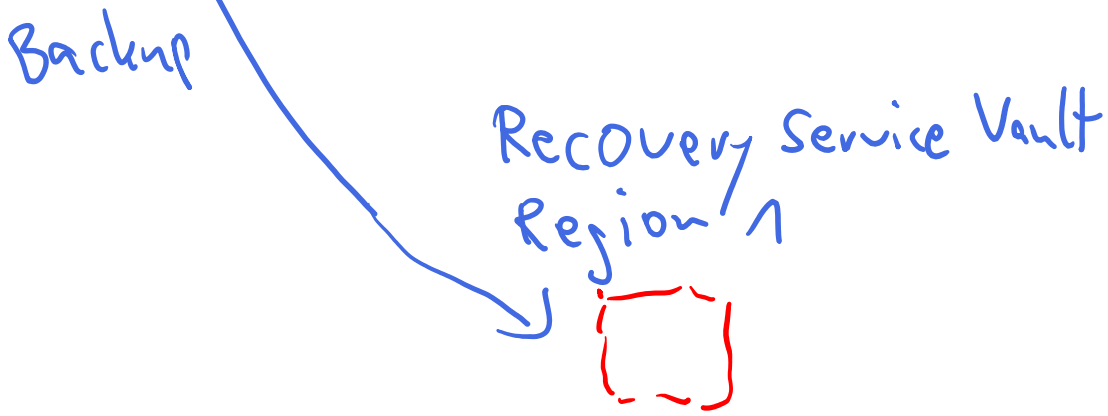
- The Azure Virtual Desktop service offers BCDR to preserve customer metadata during outages.
- When an outage occurs in an Azure region, the service infrastructure components will failover to a secondary location and continue functioning as expected.



- For users can connect during an Azure region outage, you may need to replicate personal VMs to a different Azure region (the secondary location).
- During outages, the primary region fails over to the replicated VMs in the secondary location.
- Users can continue to access apps from the secondary location without interruption.



Virtual Machine (VM) replication



VM replication

First, you'll need to replicate your VMs to the secondary location.

Options depend on how your VMs are configured:

- You can configure all VMs for both pooled and personal host pools with Azure Site Recovery. You'll only need to set up one host pool and its related app groups and workspaces.
- You can create a new host pool in the failover region while keeping all resources in your failover location turned off.
- You need to set up new app groups and workspaces in the failover region, then use an Azure Site Recovery plan to turn host pools on.
- You can create a host pool that's populated by VMs built in both the primary and failover regions while keeping the VMs in the failover region turned off.

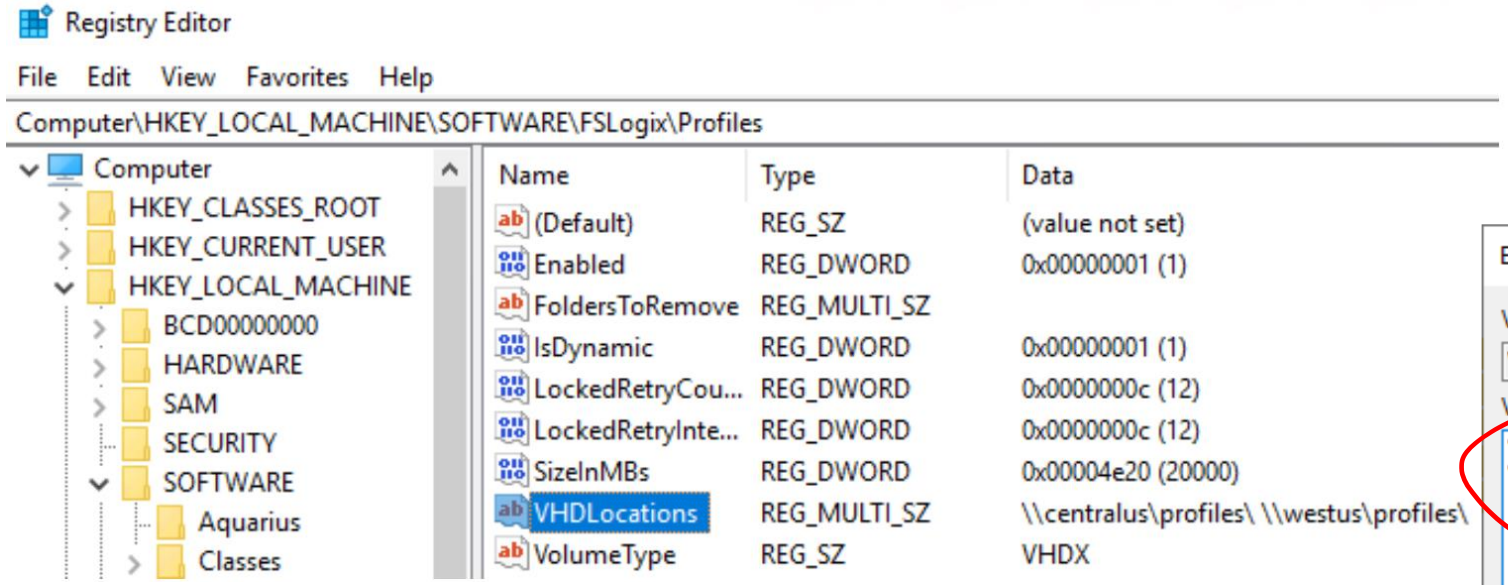
FSLogix configuration

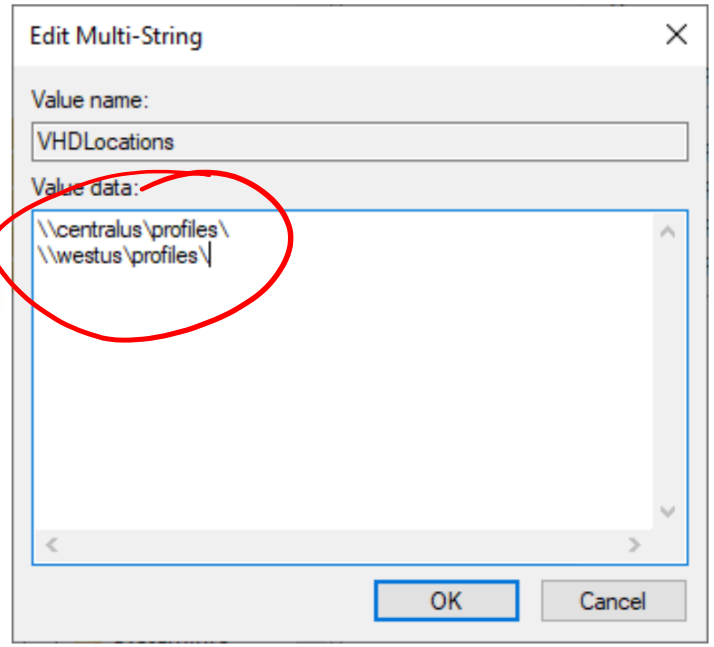
FSLogix configuration

LRS
ZRS
GRS
GRS-RA

The FSLogix agent can support multiple profile locations if you configure the registry entries for FSLogix.

GZRS
GZRS-RA





Knowledge check and Summary

Check your knowledge

What you learned:

- Configure virtual machine (VM) replication for Azure Virtual Desktop.
- Configure FSLogix for multiple profile locations.

End of presentation