

# Manage Recovery for Windows Server

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**Tim Warner**

Microsoft Azure Solutions Architect

@TechTrainerTim   TechTrainerTim.com





# Overview



**Restore a VM in Azure**

**Recover files from backup snapshots**





# 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 VM Recovery





# Azure VM Restore Options

## Create a new VM

- Restore storage and VM configuration
- Alternate location

## Restore disk

- Extracts storage to a blob container
- Includes ARM template to help you create a VM

## Replace existing

- In-place restore
- Storage swap-out





# Restore Encrypted VMs

**Back up  
encrypted  
Azure VMs**

**Ensure  
source Key  
Vault is  
available**

**Restore  
disks**

**Restore  
key to KV  
using  
JSON &  
PowerShell**





# Demo



# 1

**Restore entire VM to alternate location**

**Restore disk**

**Inspect JSON**





# Azure File Recovery





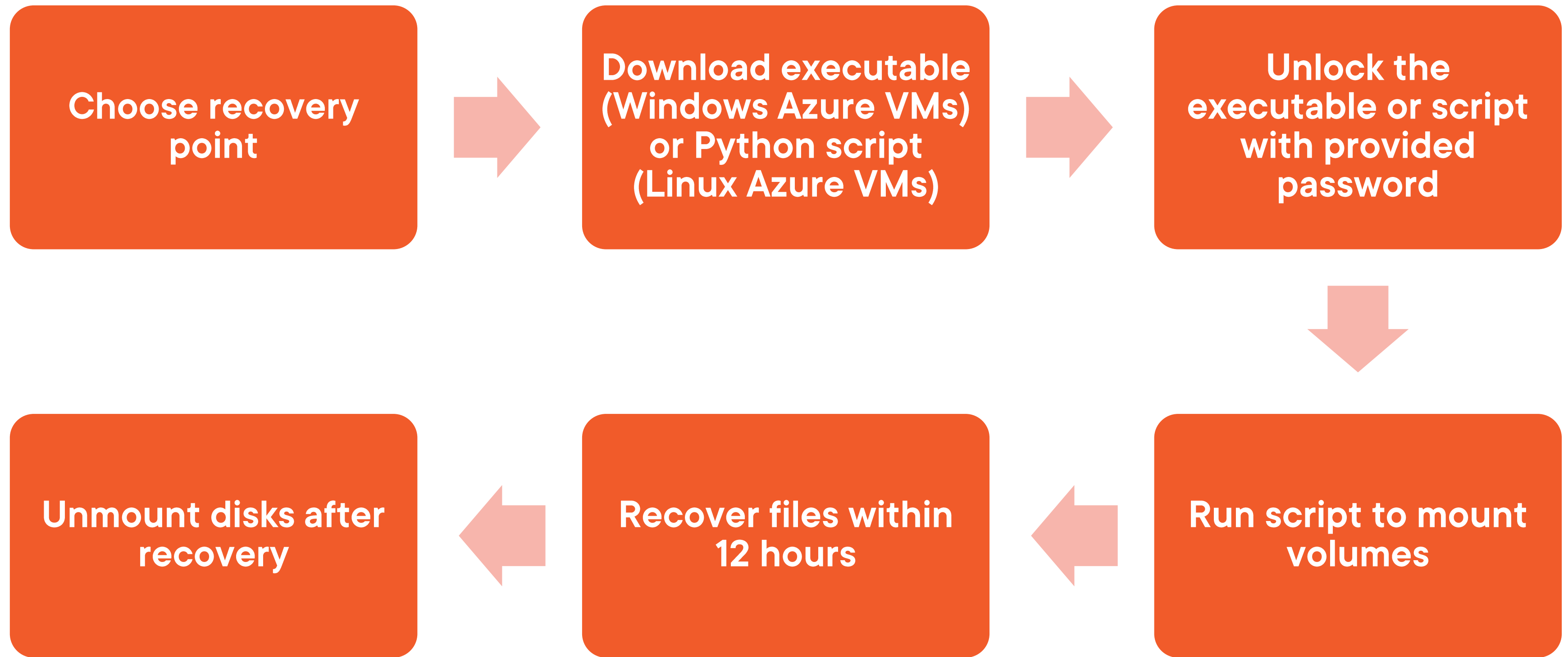
"Can you please restore that script I accidentally deleted from the Azure VM?"

**Azure File Recovery use case**





# Azure File Recovery Workflow





Demo



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## Azure File Recovery





## Summary



**Never forget that a good backup is only as good as its capacity to be successfully restored**

**Lead: We can't accept the downtime involved in VM recovery. What else is possible in Azure?**





Up Next:  
Implement Disaster Recovery by Using  
Azure Site Recovery

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