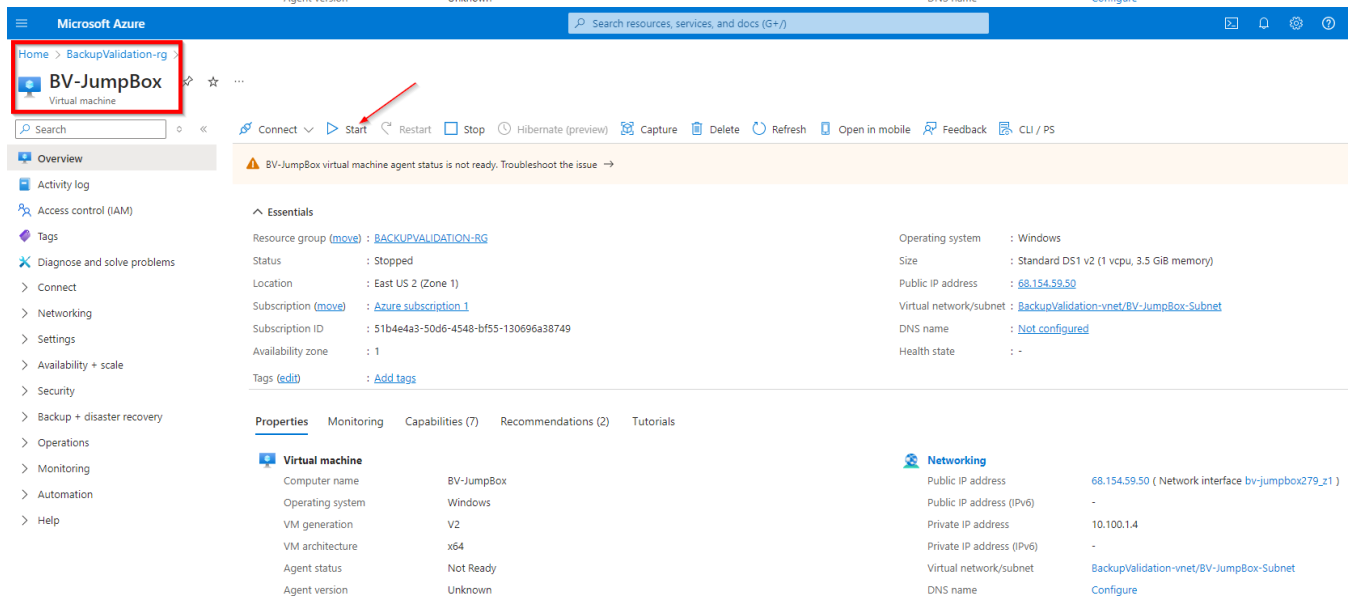
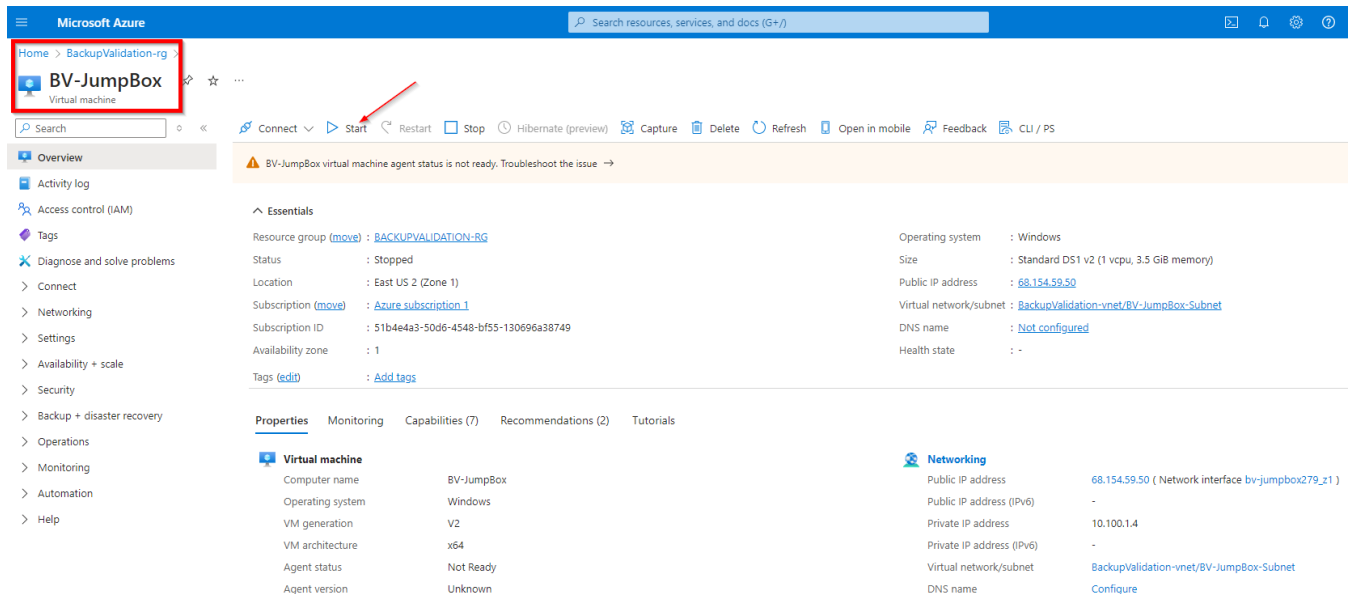


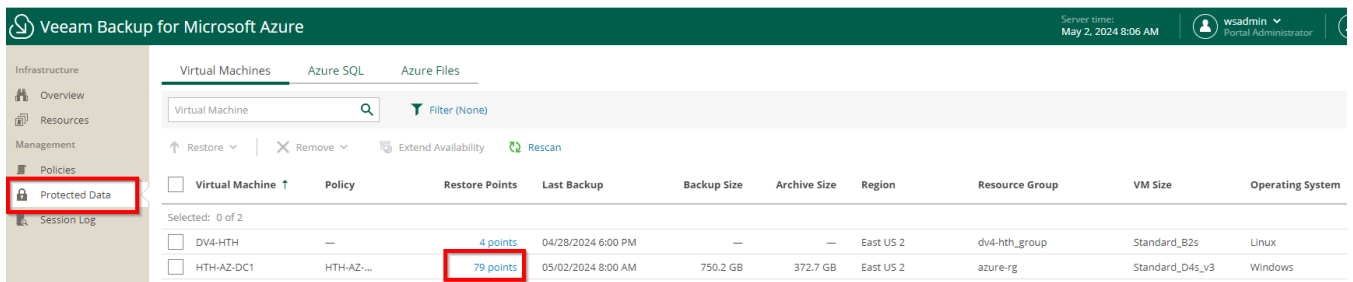
Power on BV-JumpBox VM

1. Log into the client's Azure tenant using credentials from Passportal
2. Find the BackupValidation-rg resource group
3. Locate BV-JumpBox and Start it

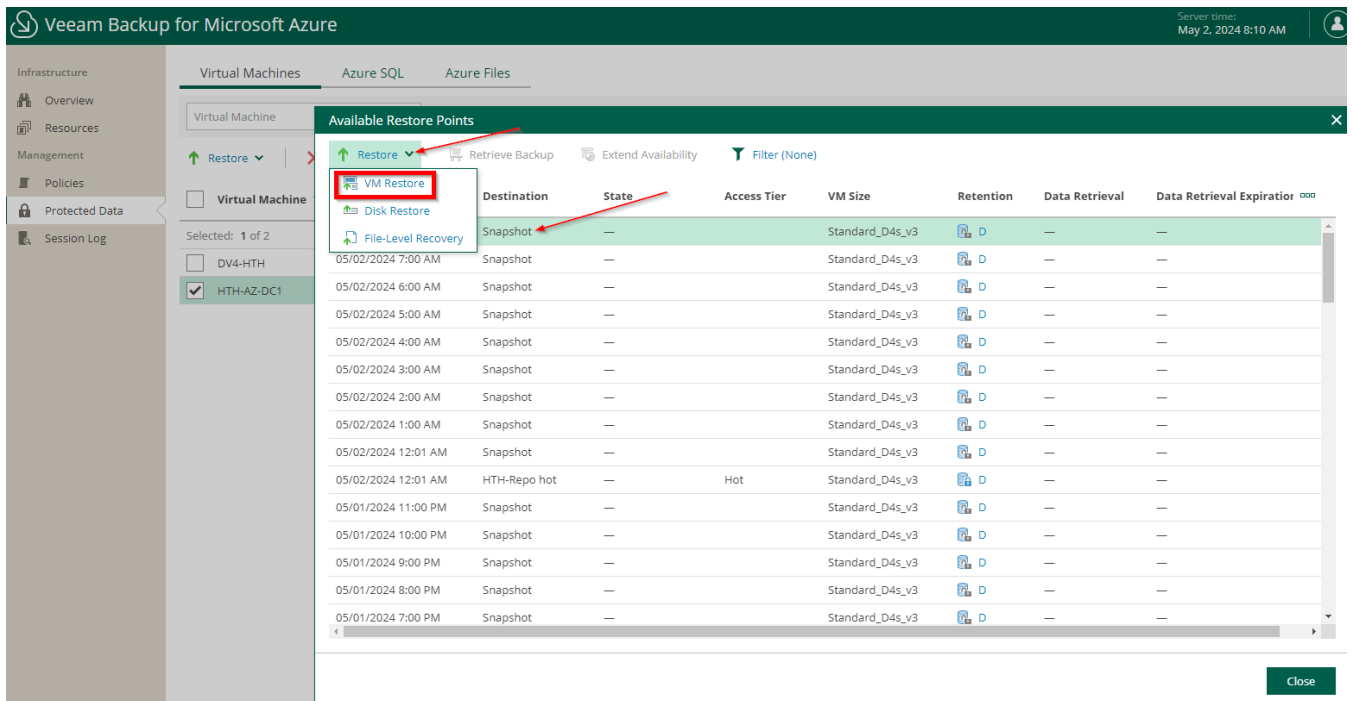


Log into DVAZ appliance and select restore point

1. Log into the client's DV4AZ appliance using the IP and credentials from Passportal. DV4AZ access is restricted to WorkSmart networks.
2. Click Protected Data and then the Restore Points of the VM to restore



3. A new windows opens, highlight the desired restore point, click Restore and select VM Restore



Restore Virtual Machines - Virtual Machines

1. Specify the desired virtual machine and click Next



Virtual Machines

Account

Restore Mode

Reason

Summary

Specify virtual machines to restore

Instance



+ Add



Restore Point



Remove

Instance

Restore Point

Region

HTH-AZ-DC1

05/02/2024 8:00 AM

East US 2

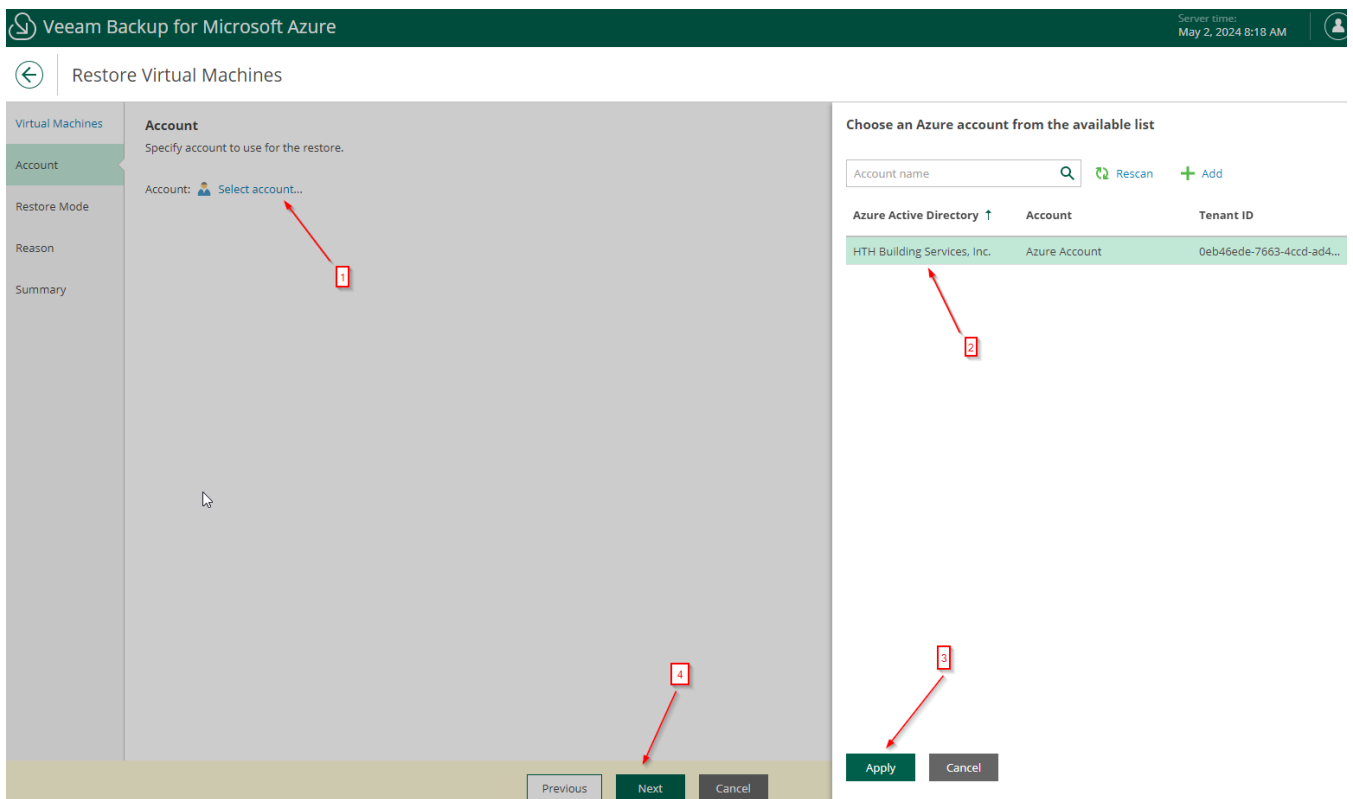
Next

Cancel

4.

Restore Virtual Machines - Account

1. Click Select account, a new window will open. Select the Azure account and click Apply



Restore Virtual Machines - Restore Mode

1. Select Restore to a new location, or with different settings
2. Click Next



Restore Virtual Machines

Virtual Machines

Account

Restore Mode

Settings

Disks

Network

Reason

Summary

Restore mode

Specify whether you want to restore the file system to the original one or to a new one, or with different settings.

☐ Restore to the original location

Quickly initiate the restore of selected virtual machines to their original location, with the original name and settings.

☒ Restore to a new location, or with different settings

Customize the restored virtual machine location and change its settings. The wizard will automatically populate all controls with the original virtual machine settings as the defaults.

Subscription: Azure subscription 1

Region: East US 2

Previous

Next

Cancel

Restore Virtual Machines - Settings

1. Click the box next to the VM
2. Click Edit
3. Set the Resource group to **BackupValidation-rg**
4. Click Apply
5. Click Next

- Virtual Machines
- Account
- Restore Mode
- Settings
- Disks
- Network
- Reason
- Summary

 Edit Rename

☒ Nar

Selected: 1 of 1

<input checked="" type="checkbox"/>	HTH-AZ-DC1	Standard_D4...	azure-rg	N/A
-------------------------------------	------------	----------------	----------	-----

10

10

1

100

VM Size

Resource Group

Storage Account

Storage Account

000

[Previous](#)

Next

Cancer

1. Select all the disks
2. Click Next



Restore Virtual Machines

Virtual Machines

Account

Restore Mode

Settings

Disks


Network

Reason

Summary

Disks

Specify disks settings

 Rename



Disk

Resource Group

Virtual Machine

Selected: 2 of 2

<input checked="" type="checkbox"/>	HTH-AZ-DC1_OsDisk_1_2c80c6bd8dd348d5a9d8...	BackupValidation-rg	HTH-AZ-DC1
<input checked="" type="checkbox"/>	hth-az-dc1_data1	BackupValidation-rg	HTH-AZ-DC1

Previous

Next

Cancel

Restore Virtual Machines - Network

1. Select the VM
2. Click Edit
3. Set Virtual network to **BackupValidation-vnet**
4. Set Subnet to **BV-VMRestore-Subnet**
5. Set Security group to **BV-VMRestore-nsg**
6. Click Apply
7. Click Next

Veeam Backup for Microsoft Azure

Saved time: May 2, 2024 8:43 AM

wsadmin Portal Administrator

Restore Virtual Machines

Virtual Machines

Account

Restore Mode

Settings

Disks

Network

Reason

Summary

Network
Specify the network settings

Edit

☒ Instance

Instance	Network	Subnet	Network Security Group
Selected: 1 of 1			
<input checked="" type="checkbox"/> HTH-AZ-DC1	Azure-Vnet	default	HTH-AZ-DC1-nsg

Previous Next Cancel

Network settings

Virtual network: BackupValidation-vnet Browse...

Subnet: BV-VMRestore-Subnet Browse...

Security group: BV-VMRestore-nsg Browse...

Apply Cancel

8. Some VMs may give the warning below about the public IP address not being available. Disregard and click Continue

Configuration Issues

The following configuration issues have been detected

- The original public IP address is not available

Instance	Reason
HTH-AZ-DC1	Cannot use the specified public IP address. This IP address ...

Continue Cancel

Restore Virtual Machines - Reason

1. Enter a reason for the restore if you like, it is not required

2. Click Next

Restore Virtual Machines - Summary

- 1. Review the restore summary
- 2. Select the option to power on target instance after restoring
- 3. Click Restore

Restore Virtual Machines

Virtual Machines

Account

Restore Mode

Settings

Disks

Network

Reason

Summary

Summary

Click Restore to start the process

Restore summary:

Reason:

HTH-AZ-DC1

Restore point:

Subscription:

Location:

Resource group:

Virtual machine name:

Disk type:

Virtual machine size:

Virtual network:

Subnet:

Network security group:

Availability zone:

OS disk:

Data disk 0:

☒

Power on target instance after restoring

Previous

Restore

Cancel

Monitoring the Restore Status

1. Click Session Log
2. Find the VM Restore entry and click Running to see the status

The screenshot shows the Veeam Backup for Microsoft Azure interface. On the left sidebar, the 'Session Log' option is highlighted with a red box. The main area displays a table with columns: Type, Policy, Items, Status, Start Time, and End Time. The first row, 'VM restore', is highlighted in green and its 'Running' status is also highlighted with a red box. Below it are three rows for 'Snapshot policy' with a 'Success' status.

Type	Policy	Items	Status	Start Time ↓	End Time
Selected: 1 of 2843					
<input checked="" type="checkbox"/> VM restore		VMs restored	Running	05/02/2024 8:53 AM	—
<input type="checkbox"/> Snapshot policy	HTH-AZ-DC1	Protected items	Success	05/02/2024 8:00 AM	05/02/2024 8:02 AM
<input type="checkbox"/> Snapshot policy	HTH-AZ-DC1	Protected items	Success	05/02/2024 7:00 AM	05/02/2024 7:02 AM
<input type="checkbox"/> Snapshot policy	HTH-AZ-DC1	Protected items	Success	05/02/2024 6:00 AM	05/02/2024 6:02 AM

Testing login to the restored VM

1. Once the Veeam restore process is complete, we are ready to test the log in using BV-JumpBox
2. Goto the BackupValidation-rg group and you will see the restored VM and disks

The screenshot shows the Azure portal interface for the 'BackupValidation-rg' resource group. The 'Resources' tab is selected, displaying a list of resources. A red box highlights the VM 'HTH-AZ-DC1' and its associated disks: 'hth-az-dc1-pipb7703612643e326b333e49daa8fbd06547013', 'hth-az-dc1216', 'hth-az-dc1_data1', and 'HTH-AZ-DC1_OsDisk_1_2c80c6bd8dd348d5a9d8b40d4b00cc63'.

Name ↑↓	Type ↑↓	Location ↑↓
BV-JumpBox	Virtual machine	East US 2
BV-JumpBox-ip	Public IP address	East US 2
BV-JumpBox-nsg	Network security group	East US 2
bv-jumpbox279_z1	Network interface	East US 2
BV-JumpBox_OsDisk_1_26a17075f0134ac7bb4186b9150fb4e3	Disk	East US 2
BV-VMRestore-nsg	Network security group	East US 2
HTH-AZ-DC1	Virtual machine	East US 2
hth-az-dc1-pipb7703612643e326b333e49daa8fbd06547013	Public IP address	East US 2
hth-az-dc1216	Network interface	East US 2
hth-az-dc1_data1	Disk	East US 2
HTH-AZ-DC1_OsDisk_1_2c80c6bd8dd348d5a9d8b40d4b00cc63	Disk	East US 2

3. Click the BV-JumpBox VM and note the Public IP address

Home > BackupValidation-rg >

BV-JumpBox Virtual machine

Search

Connect Start Restart Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Advisor (1 of 2): Right-size or shutdown underutilized virtual machines →

Essentials

Resource group (move): [BACKUPVALIDATION-RG](#)

Status: Running

Location: East US 2 (Zone 1)

Subscription (move): [Azure subscription 1](#)

Subscription ID: 51b4e4a3-50d6-4548-bf55-130696a38749

Availability zone: 1

Tags (edit): [Add tags](#)

Operating system: Windows (Windows 11 Pro)

Size: Standard DS1 v2 (1 vcpu, 3.5 GiB memory)

Public IP address: **68.154.59.50**

Virtual network/subnet: [BackupValidation-vnet/BV-JumpBox-Subnet](#)

DNS name: [Not configured](#)

Health state: -

4. RDP to this address from a WorkSmart network using the "backupvalidation" user credentials in Passportal for the client

5. Determine and note the Private IP address for the restored VM

Microsoft Azure

Search resources, services, and docs (G+)

Home > BackupValidation-rg >

HTH-AZ-DC1 Virtual machine

Search

Connect Start Restart Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Automation

Help

Essentials

Resource group (move): [BackupValidation-rg](#)

Status: Running

Location: East US 2

Subscription (move): [Azure subscription 1](#)

Subscription ID: 51b4e4a3-50d6-4548-bf55-130696a38749

Tags (edit): [Add tags](#)

Operating system: Windows (Windows Server 2022 Datacenter Azure Edition)

Size: Standard D4s v3 (4 vcpu, 16 GiB memory)

Public IP address: [51.8.168.122](#)

Virtual network/subnet: [BackupValidation-vnet/BV-VMRestore-Subnet](#)

DNS name: [Not configured](#)

Health state: -

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

Computer name: HTH-AZ-DC1

Operating system: Windows (Windows Server 2022 Datacenter Azure Edition)

VM generation: V2

VM architecture: x64

Agent status: Ready

Agent version: 2.7.41491.1117

Hibernation: Disabled

Networking

Public IP address: [51.8.168.122](#) (Network interface [hth-az-dc1216](#))

Public IP address (IPv6): -

Private IP address: **10.100.0.4**

Private IP address (IPv6): -

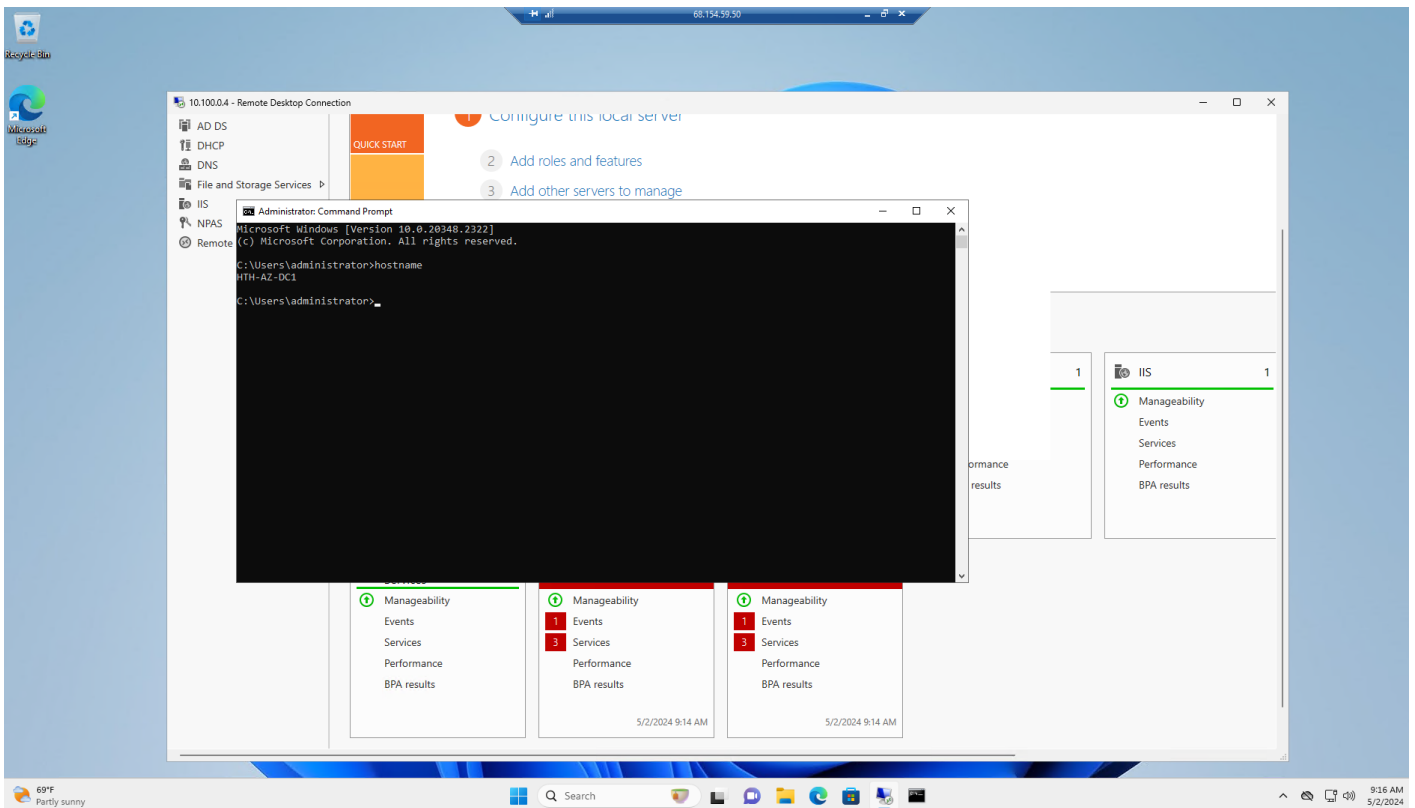
Virtual network/subnet: [BackupValidation-vnet/BV-VMRestore-Subnet](#)

DNS name: [Configure](#)

6. From the BV-JumpBox VM, you can now RDP to the restored VM using its private IP from step 5.

7. If the VM is a DC, use the client's domain admin credentials. If the VM is a member server, use the "backupvalidation" user credentials and login locally to the VM (not domain)
Note - depending on Windows updates and other processes, it may take some time before login is accepted

8. Here you can see we have restored HTH-AZ-DC1 and logged into it from the BV-JumpBox in their tenant



9. If you need to document, take a screenshot showing the name of the VM restored and date/time of the BV-JumpBox VM. Similar to the above screenshot

Testing clean up

1. You can shutdown the BV-JumpBox VM either from your RDP session or stop it in the Azure portal
2. Goto the BackupValidation-rg group and stop the restored VM in the Azure portal
3. Delete the objects associated with the restored VM (VM, disks, network, etc)
4. Type delete and confirm the action

Overview

Activity log

Access control (IAM)

Tags

Resource visualizer

Events

Settings

Cost Management

Monitoring

Automation

Help

Essentials

Subscription (move) : [Azure subscription 1](#)Deployments : [2 Succeeded](#)

Subscription ID : 51b4e4a3-50d6-4548-bf55-130696a38749

Location : East US 2

Tags (edit) : [Add tags](#)

Resources

Recommendations (3)

Type equals **all** ×Location equals **all** ×[Add filter](#)Showing 1 to 12 of 12 records. ☐ Show hidden types ⓘ

No group

<input checked="" type="checkbox"/> Name ↑↓	Type ↑↓	Location ↑↓
<input type="checkbox"/> 8V-JumpBox	Virtual machine	East US 2
<input type="checkbox"/> 8V-JumpBox-ip	Public IP address	East US 2
<input type="checkbox"/> 8V-JumpBox-nsg	Network security group	East US 2
<input type="checkbox"/> bv-jumpbox279_z1	Network Interface	East US 2
<input type="checkbox"/> 8V-JumpBox_OsDisk_1_26a17075f0134ac7bb4186b9150fb4e3	Disk	East US 2
<input type="checkbox"/> 8V-VMRestore-nsg	Network security group	East US 2
<input checked="" type="checkbox"/> HTH-AZ-DC1	Virtual machine	East US 2
<input checked="" type="checkbox"/> hth-az-dc1-pipb7703612643e326b333e49daa8fbd06547013	Public IP address	East US 2
<input checked="" type="checkbox"/> hth-az-dc1216	Network Interface	East US 2
<input checked="" type="checkbox"/> hth-az-dc1_data1	Disk	East US 2
<input checked="" type="checkbox"/> HTH-AZ-DC1_OsDisk_1_2c80c6bd8dd348d5a9d8b40d4b00cc63	Disk	East US 2