

SERVER MIGRATION

AZURE-AWS

Presented by Dhavanisha jegannathan

INTRODUCTION

The project focuses on migrating Azure Virtual Machines (VMs) and their associated configurations to Amazon Web Services (AWS) instances. This migration ensures a seamless transition of workloads from Azure to AWS, leveraging AWS's extensive infrastructure and services. By using AWS Application Migration Service, the migration process is simplified, enabling automated replication, minimal downtime, and secure data transfer between the two platforms.

OVERVIEW

Project Objective:

- Transfer Virtual Machines hosted on Azure to AWS EC2 instances while maintaining data integrity, service availability, and minimal disruption to ongoing operations.

Source Platform:

- Azure: Includes Virtual Machines, Resource Groups, and Networking components.

Target Platform:

- AWS: Primarily using EC2 for hosting, along with Amazon VPC for networking.

Key Tool Used:

- AWS Application Migration Service: Facilitates automated replication and migration of workloads from Azure to AWS with ease and reliability.

SOURCE PLATFORM



TARGET PLATFORM



AWS Application
Migration Service

open azure portal, create resource group.

Microsoft Azure

Search resources, services, and docs (G+/)

Copilot

dhavanisha.jpk@outloo...
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Home > Resource groups >

Create a resource group

X

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * ⓘ Azure subscription 1

Resource group * ⓘ azure-appserver

Resource details

Region * ⓘ (Asia Pacific) Central India

Review + create < Previous Next : Tags >

Create a virtual machine

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Home > Virtual machines >

Create a virtual machine

Validation passed

Help me create a low cost VM Help me create a VM optimized for high availability Help me choose the right VM size for my workload

Subscription	Azure subscription 1
Resource group	azure-appserver
Virtual machine name	azure-appserver-vm
Region	Central India
Availability options	No infrastructure redundancy required
Zone options	Self-selected zone
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Windows Server 2022 Datacenter: Azure Edition - Gen2
VM architecture	x64
Size	Standard DS1 v2 (1 vcpu, 3.5 GiB memory)
Enable Hibernation	No
Username	Dhavanisha
Public inbound ports	RDP, SSH, HTTPS, HTTP
Already have a Windows license?	No
Azure Spot	No
Disks	
OS disk size	Image default
OS disk type	Premium SSD LRS

Give feedback about your estimate experience Estimated monthly costs ₹10,753.74

Costs indicated here are estimates only. Pricing may vary depending on your Microsoft agreement, date of purchase, subscription type, usage costs, licensing and currency exchange rates. Total costs may include other resource costs, licensing and subscription implications. This feature may have limited or restricted functionality, but is made available on a preview basis for evaluation and feedback.

Basics ₹7,895.17

Disks ₹1,639.77

Networking ₹1,218.80

Management ₹0.00

Monitoring ₹0.00

Advanced ₹0.00

< Previous Next > Create Download a template for automation Give feedback

azure-appserver-vm | Connect

Virtual machine

 Search

More Options

[Overview](#)[Activity log](#)[Access control \(IAM\)](#)[Tags](#)[Diagnose and solve problems](#)[Connect](#)[Connect](#)[Bastion](#)[Windows Admin Center](#)[Networking](#)[Settings](#)[Availability + scale](#)[Security](#)[Backup + disaster recovery](#)[Operations](#)[Monitoring](#)[Automation](#)[Help](#)

Refresh Troubleshoot More Options Feedback

Connecting using
Public IP address | 74.225.240.242Admin username : Dhavanis...
Port (change) : 3389
Just-in-time policy : Unsupported

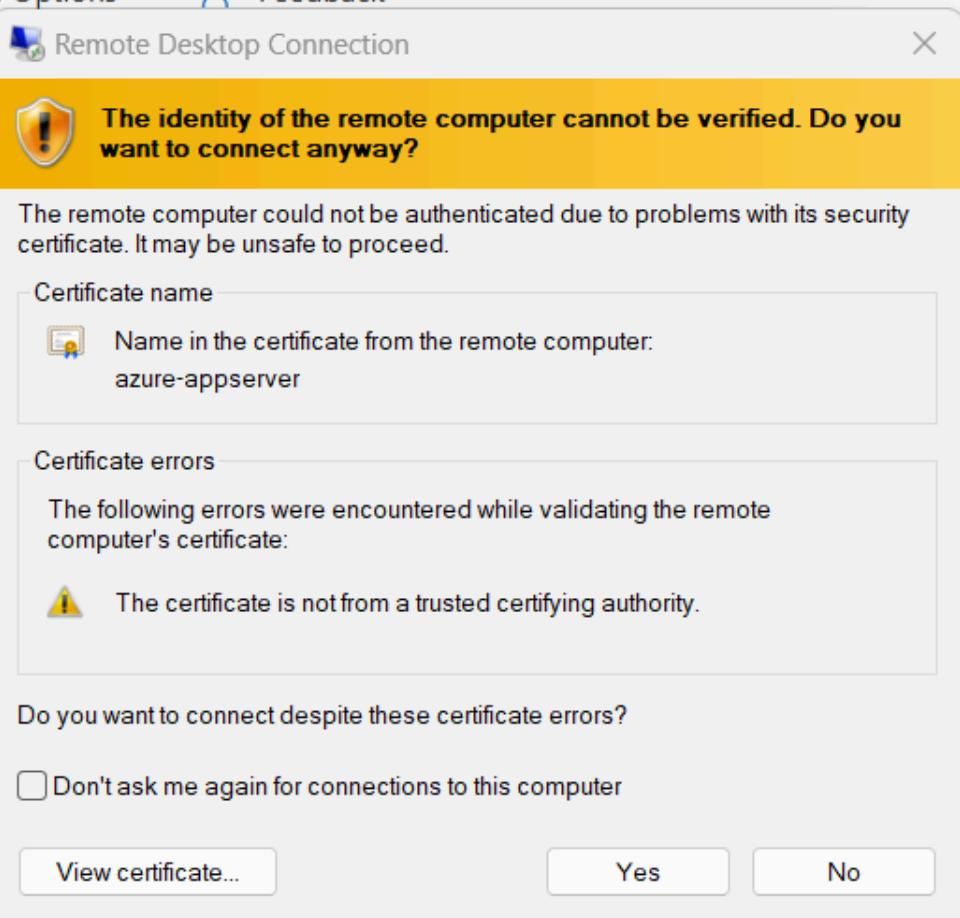
Most common



Native RDP

Connect via native RDP without any addition needed. Recommended for testing only.

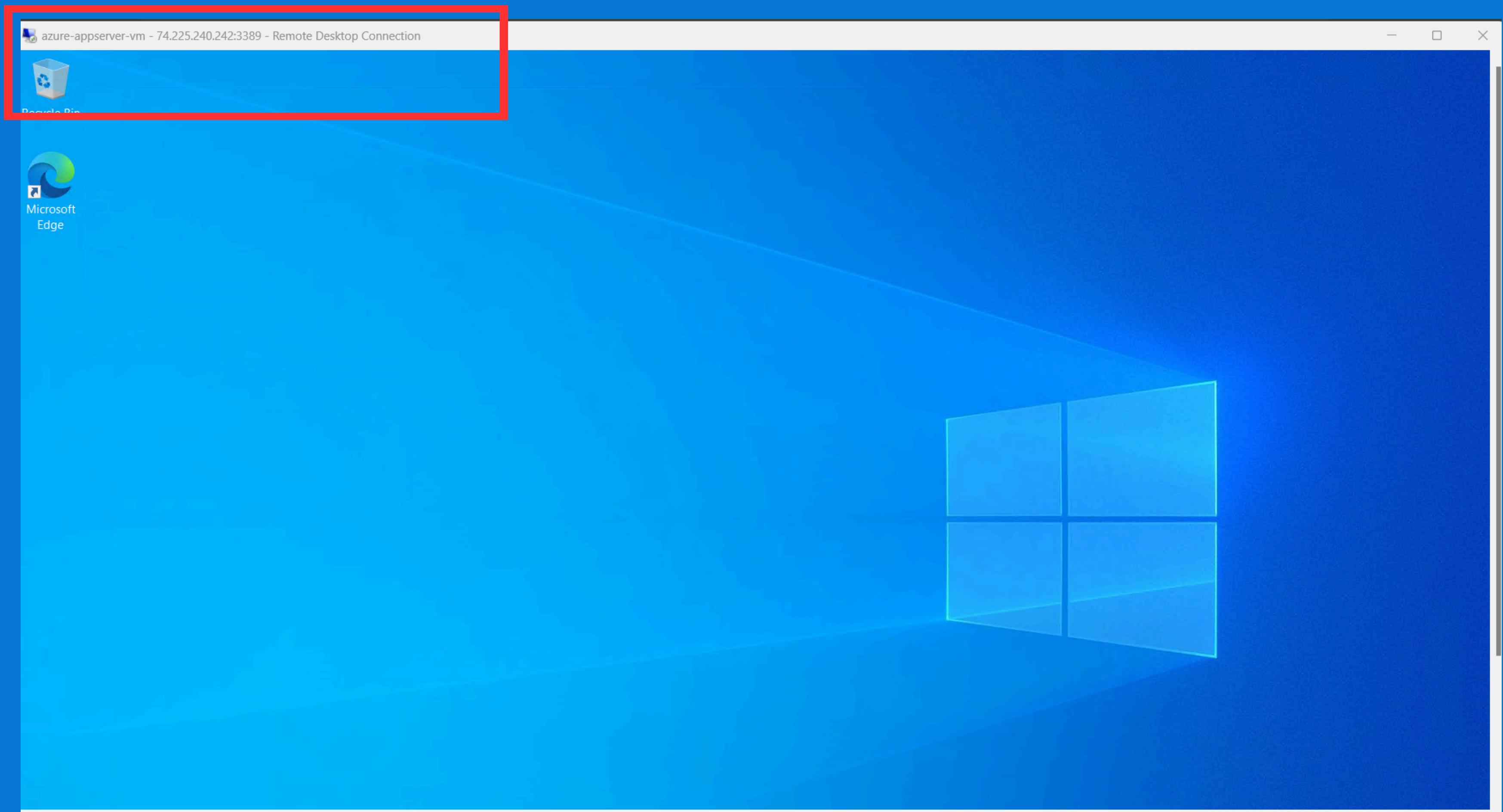
Public IP address (74.225.240.242)

[Select](#)[Download RDP file](#)

Access the server with a username and password.

The screenshot shows the Microsoft Azure portal interface for a virtual machine named "azure-appserver-vm". The left sidebar contains navigation links for Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Connect, and various monitoring and operations sections. The "Connect" section is currently active. A modal dialog box titled "Windows Security" is displayed, prompting for "Enter your credentials" to connect to the Public IP address 74.225.240.242. The dialog shows the Admin username as "Dhavanisha" and the Port as "3389". Below the credentials input fields, there is a "Remember me" checkbox and a "More choices" link. At the bottom of the dialog are "OK" and "Cancel" buttons. In the background, the main page shows the VM's configuration, including its Just-in-time policy and a "Native RDP" connection option.

The server is opened.



In this server, I have created a test application using nginx.

The screenshot shows a Microsoft Edge browser window titled "azure-appserver-vm - 74.225.240.242:3389 - Remote Desktop Connection". The address bar shows the URL <https://nginx.org/en/download.html>. The page content is the nginx download page, featuring sections for "Mainline version" (nginx-1.27.3), "Stable version" (nginx-1.26.2), and "Legacy versions" (listing versions from 1.24 down to 0.8). A download dialog box is open on the right side of the screen, showing a single item: "nginx-1.27.3.zip" with the "Open file" option selected. The page also includes a "20 Years" anniversary banner for Nginx.

Celebrating [20 years](#) of nginx! Read about our journey and milestones in the [latest blog post](#).

nginx: download

Mainline version

[CHANGES](#) [nginx-1.27.3](#) [pgp](#) [nginx/Windows-1.27.3](#) [pgp](#)

Stable version

[CHANGES-1.26](#) [nginx-1.26.2](#) [pgp](#) [nginx/Windows-1.26.2](#) [pgp](#)

Legacy versions

CHANGES-1.24	nginx-1.24.0 pgp	nginx/Windows-1.24.0 pgp
CHANGES-1.22	nginx-1.22.1 pgp	nginx/Windows-1.22.1 pgp
CHANGES-1.20	nginx-1.20.2 pgp	nginx/Windows-1.20.2 pgp
CHANGES-1.18	nginx-1.18.0 pgp	nginx/Windows-1.18.0 pgp
CHANGES-1.16	nginx-1.16.1 pgp	nginx/Windows-1.16.1 pgp
CHANGES-1.14	nginx-1.14.2 pgp	nginx/Windows-1.14.2 pgp
CHANGES-1.12	nginx-1.12.2 pgp	nginx/Windows-1.12.2 pgp
CHANGES-1.10	nginx-1.10.3 pgp	nginx/Windows-1.10.3 pgp
CHANGES-1.8	nginx-1.8.1 pgp	nginx/Windows-1.8.1 pgp
CHANGES-1.6	nginx-1.6.3 pgp	nginx/Windows-1.6.3 pgp
CHANGES-1.4	nginx-1.4.7 pgp	nginx/Windows-1.4.7 pgp
CHANGES-1.2	nginx-1.2.9 pgp	nginx/Windows-1.2.9 pgp
CHANGES-1.0	nginx-1.0.15 pgp	nginx/Windows-1.0.15 pgp
CHANGES-0.8	nginx-0.8.55 pgp	nginx/Windows-0.8.55 pgp

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[Open file](#)

 20 Years

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azure-appserver-vm - 74.225.240.242:3389 - Remote Desktop Connection

nginx - Search nginx: download Welcome to Microsoft Edge

https://nginx.org/en/download.html

Celebrating [20 years](#) of nginx! Read about our journey and milestones in the [latest blog post](#).

nginx: download

Mainline version

[CHANGES](#) [nginx-1.27.3](#) [pgp](#) [nginx/Windows-1.27.3](#) [pgp](#)

Stable version

[CHANGES-1.26](#) [nginx-1.26.2](#) [pgp](#) [nginx/Windows-1.26.2](#) [pgp](#)

Legacy versions

CHANGES-1.24	nginx-1.24.0 pgp	nginx/Windows-1.24.0 pgp
CHANGES-1.22	nginx-1.22.1 pgp	nginx/Windows-1.22.1 pgp
CHANGES-1.20	nginx-1.20.2 pgp	nginx/Windows-1.20.2 pgp
CHANGES-1.18	nginx-1.18.0 pgp	nginx/Windows-1.18.0 pgp
CHANGES-1.16	nginx-1.16.1 pgp	nginx/Windows-1.16.1 pgp
CHANGES-1.14	nginx-1.14.2 pgp	nginx/Windows-1.14.2 pgp
CHANGES-1.12	nginx-1.12.2 pgp	nginx/Windows-1.12.2 pgp
CHANGES-1.10	nginx-1.10.3 pgp	nginx/Windows-1.10.3 pgp
CHANGES-1.8	nginx-1.8.1 pgp	nginx/Windows-1.8.1 pgp
CHANGES-1.6	nginx-1.6.3 pgp	nginx/Windows-1.6.3 pgp
CHANGES-1.4	nginx-1.4.7 pgp	nginx/Windows-1.4.7 pgp
CHANGES-1.2	nginx-1.2.9 pgp	nginx/Windows-1.2.9 pgp
CHANGES-1.0	nginx-1.0.15 pgp	nginx/Windows-1.0.15 pgp
CHANGES-0.8	nginx-0.8.55 pgp	nginx/Windows-0.8.55 pgp

Downloads

nginx-1.27.3.zip

Open file

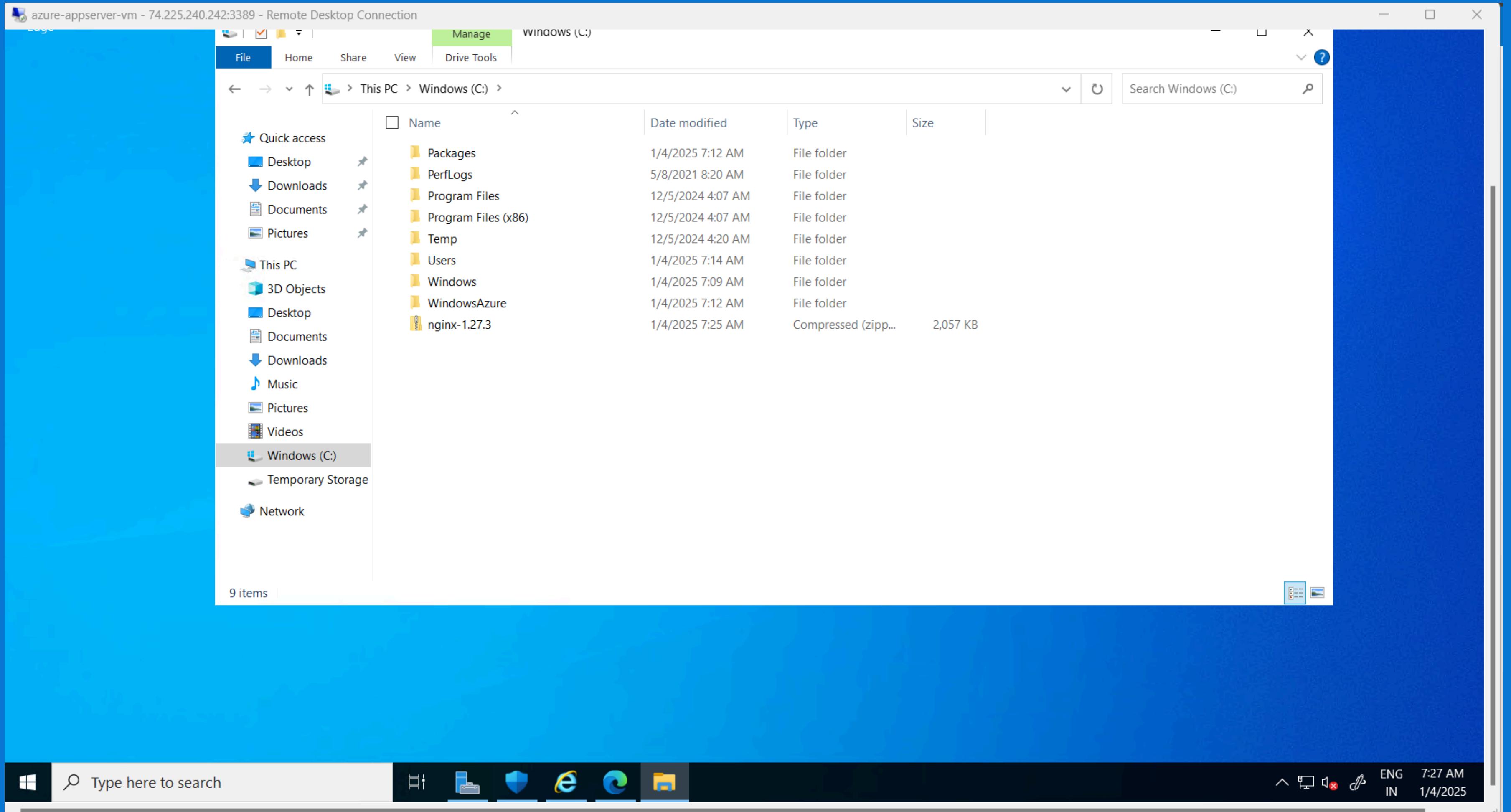
20 Years

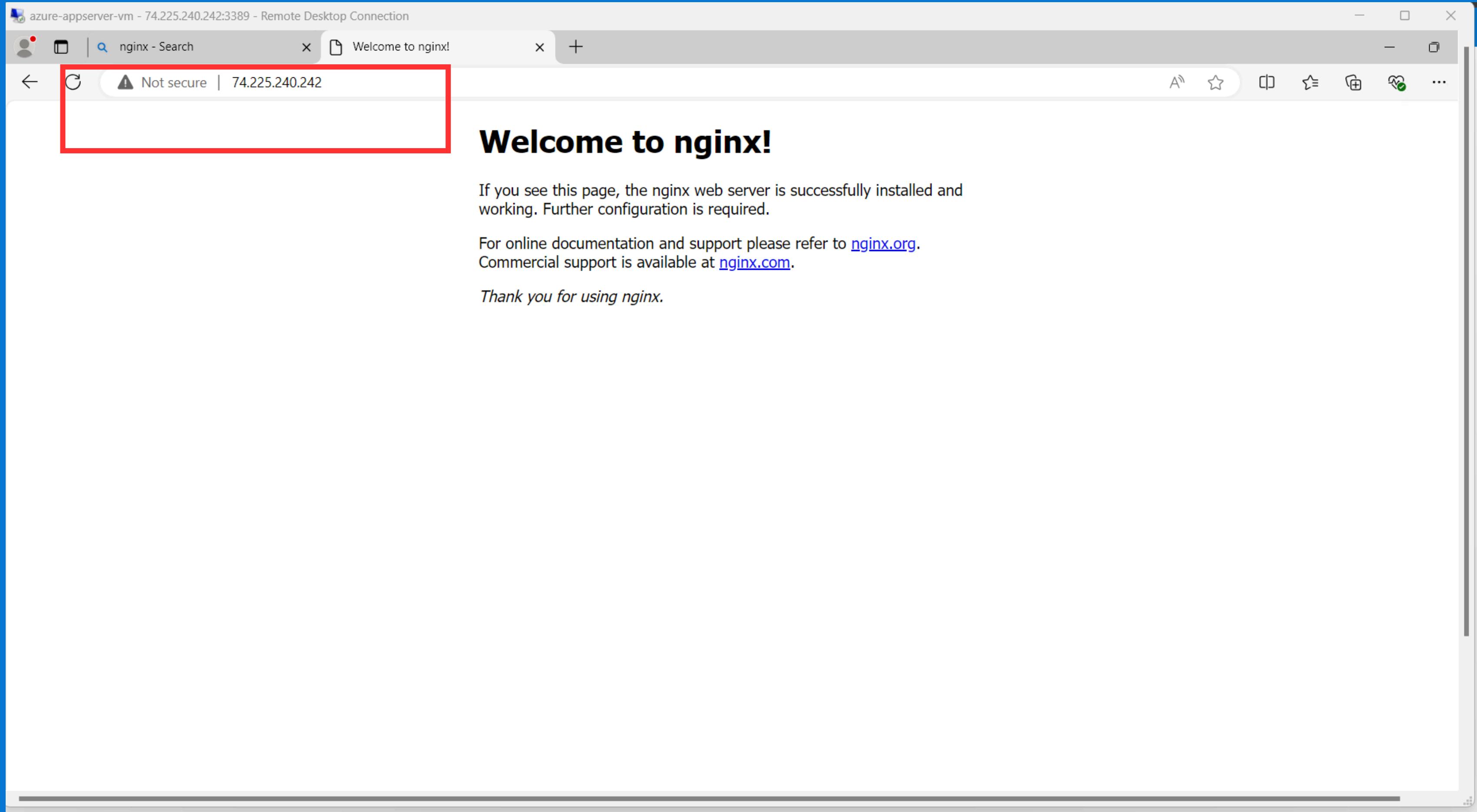
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njs





Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.

I had added additional disks to this server to keep some test data.

Microsoft Azure Search resources, services, and docs (G+) Copilot 3 ? ? ? dhavanisha.jpk@outloo... DEFAULT DIRECTORY (DHAVANIS...)

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20250104123704 | Overview > azure-appserver-vm

azure-appserver-vm | Disks

Virtual machine

Search Refresh Additional settings Feedback Troubleshoot

OS disk

Swap OS disk

Disk name	Storage type	Size (GiB)	Max IOPS	Max throughput (...)	Encryption ⓘ	Host caching ⓘ
azure-appserver-vm_OsDisk_1_5d137a01	Premium SSD LRS	127	500	100	SSE with PMK	Read/write

Data disks

Filter by name

Showing 1 of 1 attached data disks

Create and attach a new disk Attach existing disks

LUN ⓘ	Disk name	Storage type	Size (GiB)	Max IOPS	Max throughput (...)	Encryption ⓘ	Host caching ⓘ
0	azuredisk	Premium SSD (l...)	4	120	25	Platform-managed ...	Read-only

Disks

- Extensions + applications
- Operating system
- Configuration
- Advisor recommendations
- Properties
- Locks

Availability + scale

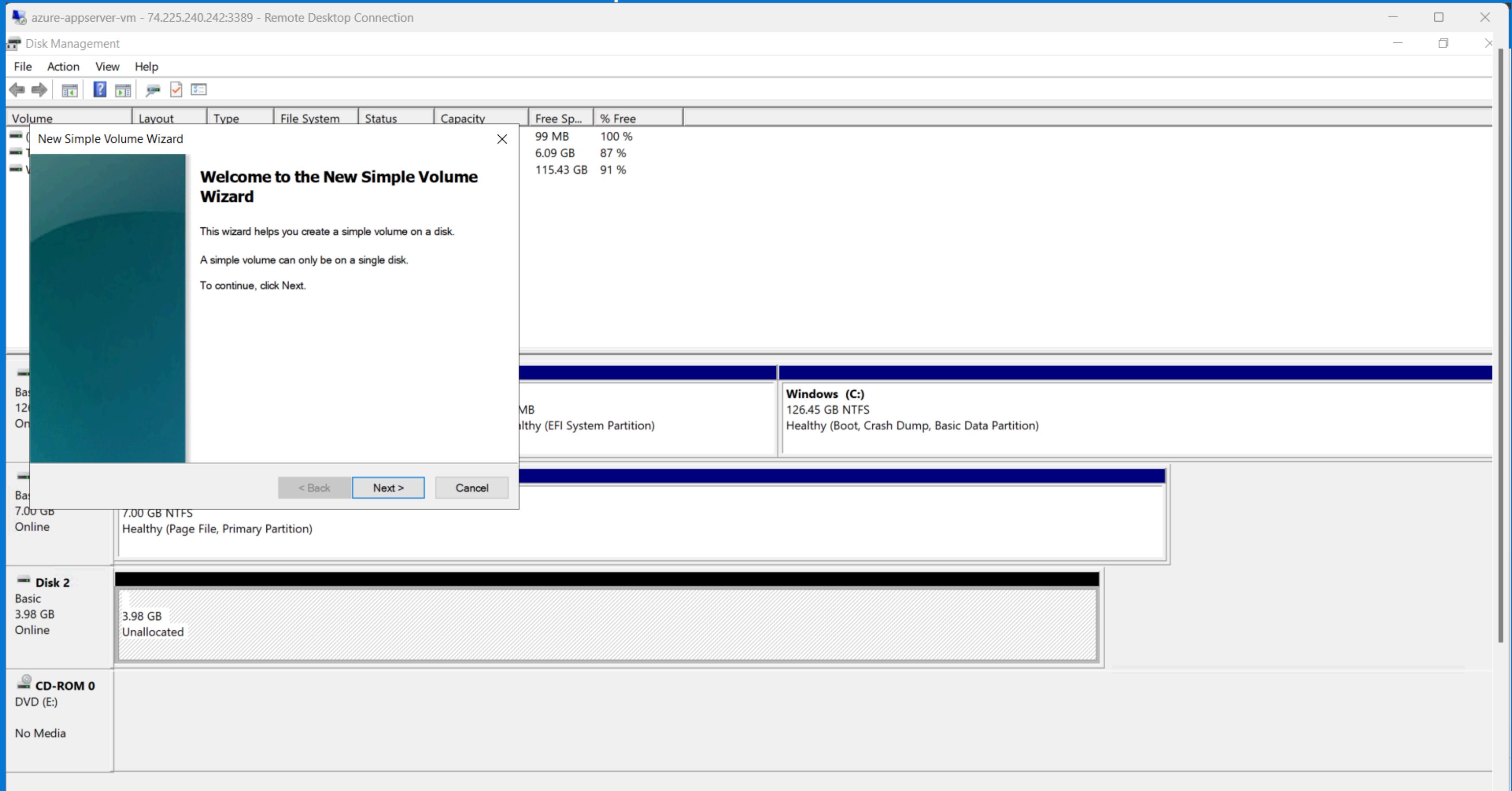
Security

Backup + disaster recovery

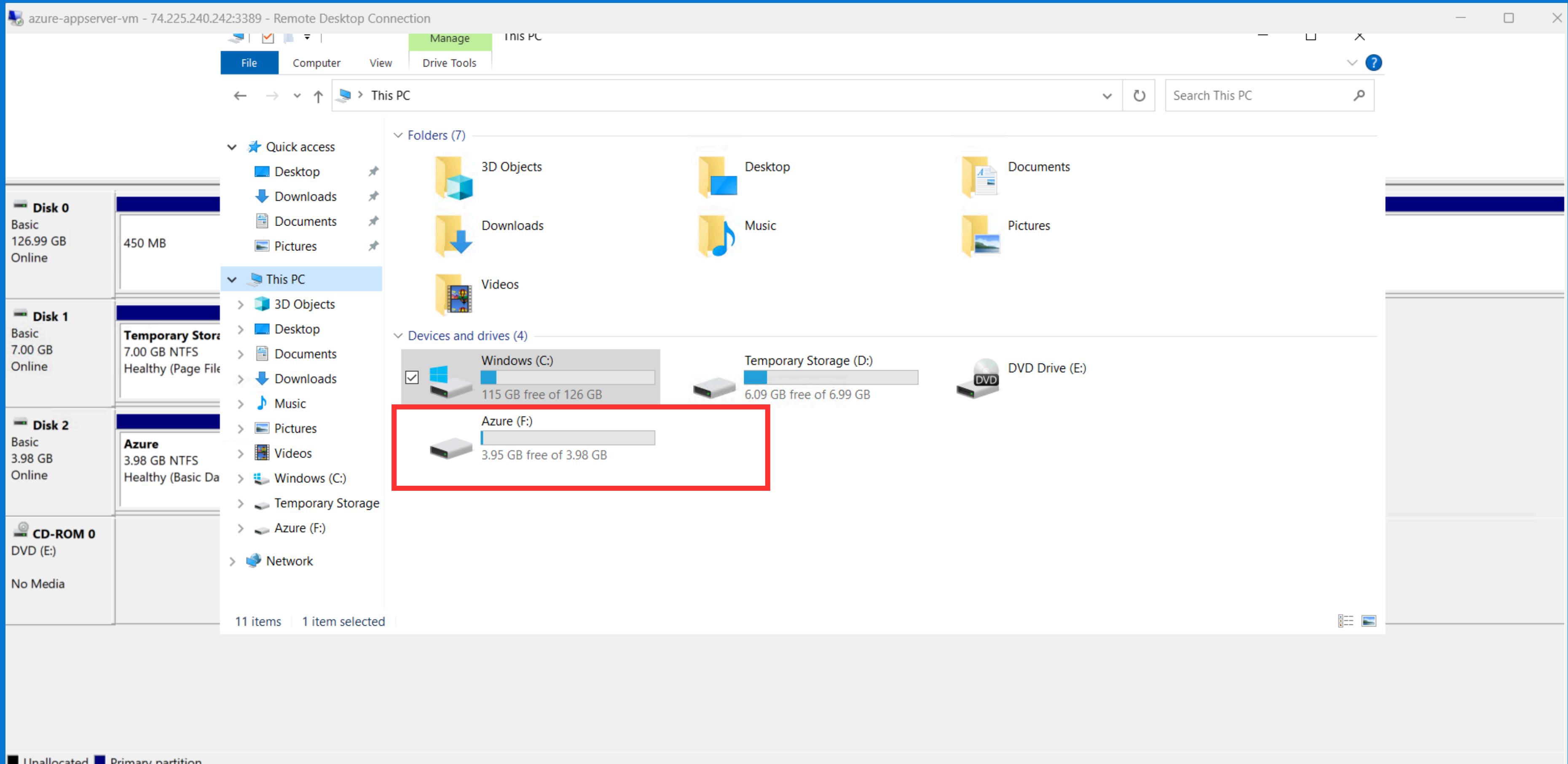
Operations

Apply Discard changes

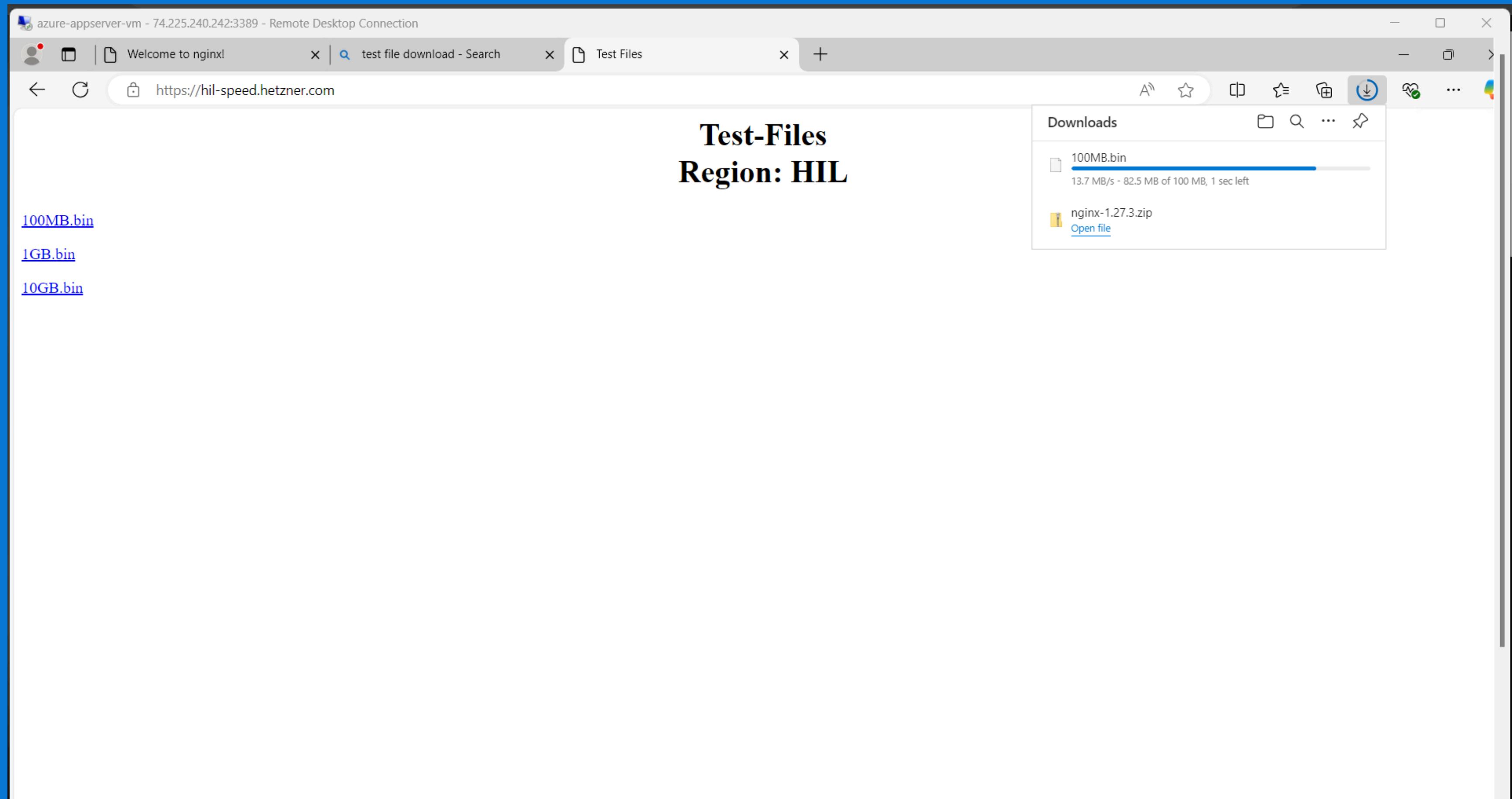
Created a new partition named Azure



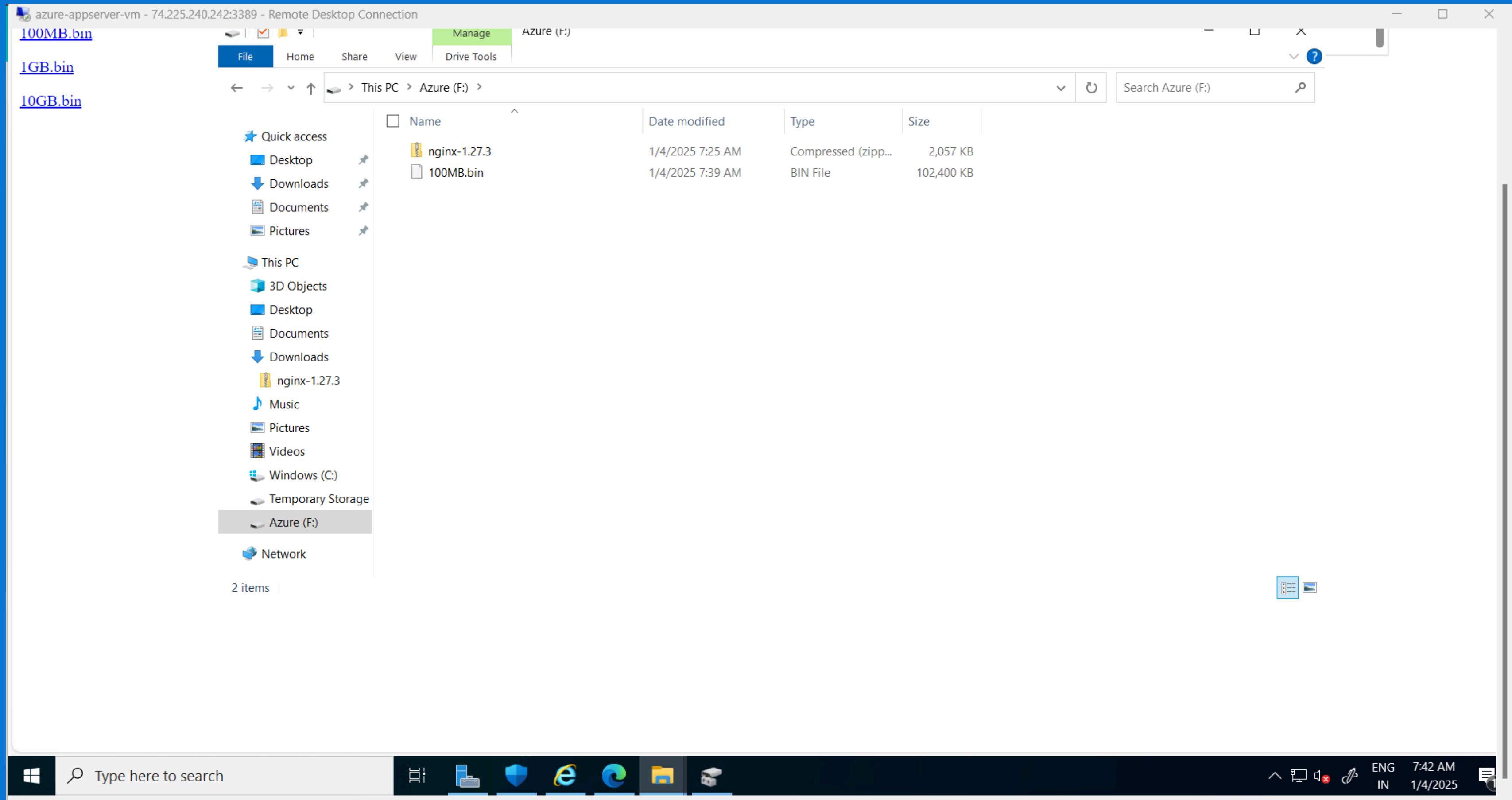
A new partition has been created.



I downloaded some test data (100 megabytes).



I copied both files from this location to the Azure (new disk) drive and pasted them.



Finally, I downloading an aws root certificate here.

The screenshot shows a Microsoft Edge browser window titled "azure-appserver-vm - 74.225.240.242:3389 - Remote Desktop Connection". The address bar shows the URL <https://www.amazontrust.com/repository/>. The page content is as follows:

The following certificate authorities are operated according to the practices described in the above CPS. Distinguished Names are represented using the algorithm recommended in RFC 4514.

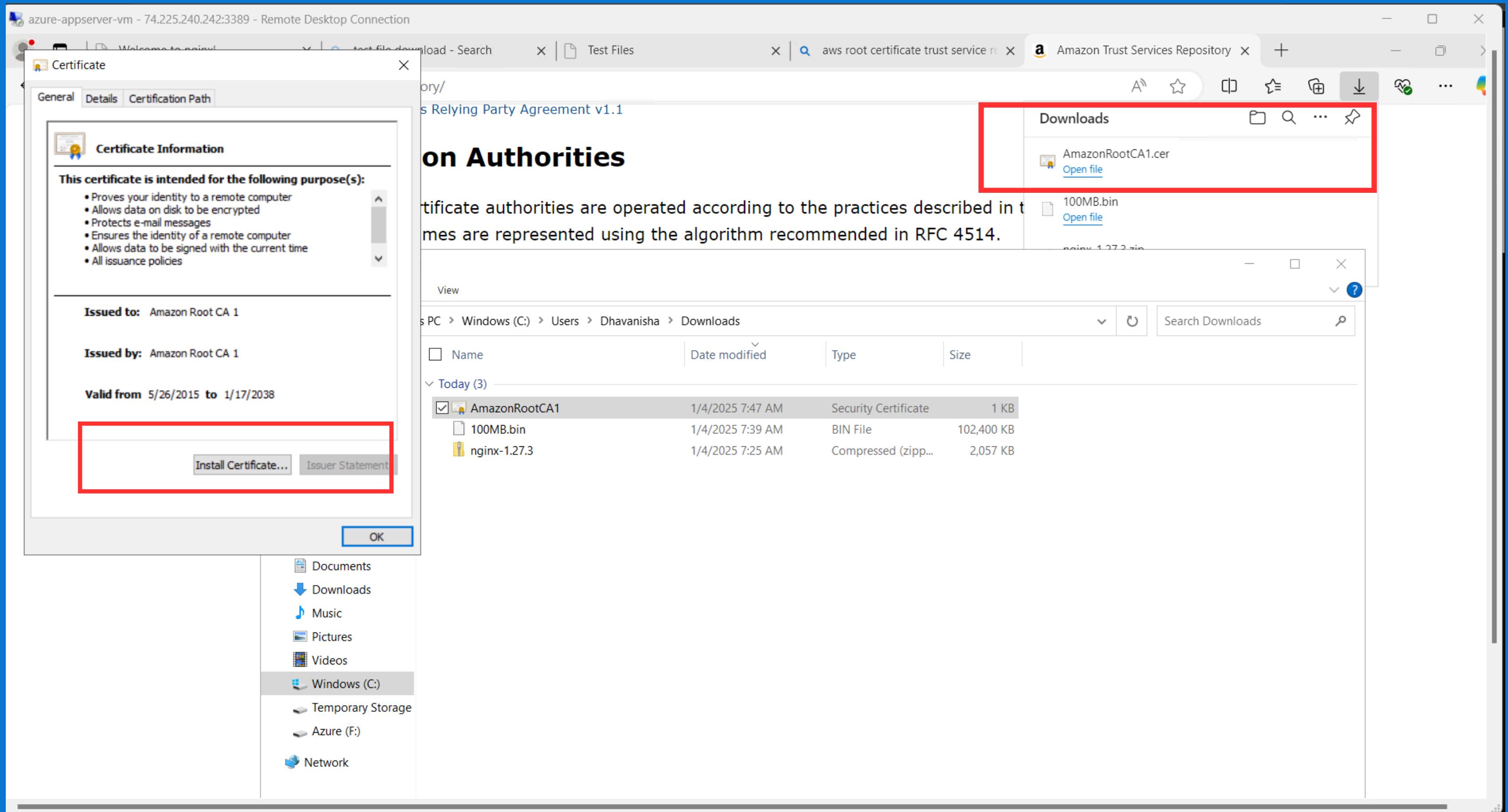
Root CAs

Distinguished Name	SHA-256 Hash of Subject Public Key Information	Self-Signed Certificate	Test URLs
CN=Amazon Root CA 1,O=Amazon,C=US	fbe3018031f9586bcbf41727e417b7d1c45c2f47f93be372a17b96b50757d5a2	DER PEM	Valid Revoked Expired
CN=Amazon Root CA 2,O=Amazon,C=US	7f4296fc5b6a4e3b35d3c369623e364ab1af381d8fa7121533c9d6c633ea2461	DER PEM	Valid Revoked Expired
CN=Amazon Root CA 3,O=Amazon,C=US	36abc32656acfc645c61b71613c4bf21c787f5cabbee48348d58597803d7abc9	DER PEM	Valid Revoked Expired
CN=Amazon Root CA 4,O=Amazon,C=US	f7ecded5c66047d28ed6466b543c40e0743abe81d109254dcf845d4c2c7853c5	DER PEM	Valid Revoked Expired
CN=Starfield Services Root Certificate Authority - G2,O=Starfield Technologies\, Inc.,L=Scottsdale,ST=Arizona,C=US	2b071c59a0a0ae76b0eadb2bad23bad4580b69c3601b630c2eaf0613afa83f92	DER PEM	Valid Revoked Expired

Trust Store and Pinning Recommendations

For relying parties that make use of custom trust stores we recommend that all five of the above roots be included in the trust store. "Amazon Root CA 1 - 4" represent different key types/algorithms. "Starfield Services Root Certificate Authority - G2" is an older root that is compatible with other older trust stores and clients that can not be updated. Including all five of the roots ensure maximum compatibility for your application.

Amazon Trust Services doesn't recommend or support pinning. If you require pinning then we recommend that



Go to the AWS console under the IAM service. Create an access and secret key.

The screenshot shows the AWS IAM 'Create user' wizard at Step 3: User details. The left sidebar shows a progress bar with four steps: Set permissions (Step 1), Step 3 (Review and create), Step 4 (Retrieve password), and Set permissions again. The main area is titled 'User details' and contains a 'User name' field with 'dhavanisha'. Below it is a note about character restrictions and a checkbox for 'Provide user access to the AWS Management Console - optional'. A callout box highlights the 'I want to create an IAM user' option under 'User type'. The 'Console password' section shows 'Custom password' selected with input 'admin@123' and password requirements listed below.

User details

User name

dhavanisha

The user name can have up to 64 characters. Valid characters: A-Z, a-z, 0-9, and + = , . @ _ - (hyphen)

Provide user access to the AWS Management Console - *optional*

If you're providing console access to a person, it's a [best practice](#) to manage their access in IAM Identity Center.

i Are you providing console access to a person?

User type

Specify a user in Identity Center - Recommended
We recommend that you use Identity Center to provide console access to a person. With Identity Center, you can centrally manage user access to their AWS accounts and cloud applications.

I want to create an IAM user
We recommend that you create IAM users only if you need to enable programmatic access through access keys, service-specific credentials for AWS CodeCommit or Amazon Keyspaces, or a backup credential for emergency account access.

Console password

Autogenerated password
You can view the password after you create the user.

Custom password
Enter a custom password for the user.

admin@123

- Must be at least 8 characters long
- Must include at least three of the following mix of character types: uppercase letters (A-Z), lowercase letters (a-z), numbers (0-9), and symbols ! @ # \$ % ^ & * () _ + - (hyphen) = [] { } | '

Show password

AWS | Search [Alt+S] | Global ▾ | Dhavanisha ▾

VPC EC2 RDS IAM CodeCommit S3

IAM > Users > Create user

Step 1
Specify user details

Step 2
Set permissions

Step 3
Review and create

Step 4
Retrieve password

Review and create

Review your choices. After you create the user, you can view and download the autogenerated password, if enabled.

User details

User name	Console password type	Require password reset
dhavanisha	Custom password	No

Permissions summary

Name	Type	Used as
AWSApplicationMigrationAgentInstallationPolicy	AWS managed	Permissions policy
AWSApplicationMigrationFullAccess	AWS managed	Permissions policy

Tags - optional

Tags are key-value pairs you can add to AWS resources to help identify, organize, or search for resources. Choose any tags you want to associate with this user.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

Access and secret keys are created.

The screenshot shows the AWS IAM 'Create access key' wizard. The top navigation bar includes the AWS logo, search bar, and global settings. The breadcrumb path is IAM > Users > dhavanisha > Create access key. A green success message box says 'Access key created' and advises viewing or downloading it now as it cannot be recovered later. On the left, a vertical navigation pane shows three steps: Step 1 (Access key best practices & alternatives), Step 2 - optional (Set description tag), and Step 3 (Retrieve access keys, currently selected). The main content area is titled 'Retrieve access keys' and contains an 'Access key' section with an 'Access key' field containing 'AKIAQIQAJ4QBCK474LP' and a 'Secret access key' field with a redacted value followed by a 'Show' link. Below this is an 'Access key best practices' section with a bulleted list of four items: 'Never store your access key in plain text, in a code repository, or in code.', 'Disable or delete access key when no longer needed.', 'Enable least-privilege permissions.', and 'Rotate access keys regularly.' A note at the bottom of this section points to 'best practices for managing AWS access keys'. At the bottom right are 'Download .csv file' and 'Done' buttons.

aws | Search [Alt+S] | Global ▾ | Dhavanisha ▾

VPC EC2 RDS IAM CodeCommit S3

IAM > Users > dhavanisha > Create access key

ⓘ | ⚙

⌚ Access key created
This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

Step 1
Access key best practices & alternatives

Step 2 - optional
Set description tag

Step 3
Retrieve access keys

Retrieve access keys Info

Access key
If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key	Secret access key
AKIAQIQAJ4QBCK474LP	***** Show

Access key best practices

- Never store your access key in plain text, in a code repository, or in code.
- Disable or delete access key when no longer needed.
- Enable least-privilege permissions.
- Rotate access keys regularly.

For more details about managing access keys, see the [best practices for managing AWS access keys](#).

Download .csv file | Done

navigate to the AWS application migration service.

The screenshot shows the AWS Application Migration Service console. The top navigation bar includes the AWS logo, search bar, and account information for N. California and Dhavanisha. The main menu bar has links for VPC, EC2, RDS, IAM, CodeCommit, and S3. The left sidebar under 'Application Migration Service' has sections for Servers, Source servers (selected), Applications, Waves, Global view, Launch history, MGN connectors, Import and Export (with sub-options Import and Export), Settings (with sub-options Replication template, Launch template, Post-launch template, User preferences), AWS Migration Hub, Documentation, and Release Notes.

Source servers

Active source servers | Filter source servers by property or value

No servers

Add your source servers to this console by installing the AWS Replication Agent. Alternatively, you can add source servers without installing an agent on each guest server by installing the AWS vCenter client on your vCenter.

Add server

This account is currently replicating 0 servers out of a quota of 150 concurrent replicating servers. [Learn more](#)

Before adding server edit replication template, launch template, and post-launch template

The screenshot shows the 'Edit replication template' page in the AWS Application Migration Service console. The URL in the browser is `us-west-1.console.aws.amazon.com/mgn/home?region=us-west-1#/editReplicationTemplate`. The top navigation bar includes the AWS logo, search bar, and various AWS services like VPC, EC2, RDS, IAM, CodeCommit, and S3. The specific path in the breadcrumb is 'Application Migration Service > Replication template > Edit replication template'. The main content area is titled 'Edit replication template' and contains sections for 'Replication server configuration' and 'Volumes'.

Replication server configuration

Replication servers are lightweight EC2 instances launched by Application Migration Service to facilitate the transfer of blocks of data from the disks on your source servers to AWS.

Staging area subnet

The staging area subnet is the subnet within which replication servers and conversion servers are launched. By default, Application Migration Service will use the default subnet on your AWS Account.

subnet-0014e115c9d8627f8
vpc-0fa0a05ee9e4b12e1

Replication Server instance type

The replication server instance type is the default EC2 instance type to use for replication servers. The recommended best practice is to not change the replication server instance type unless there is a business need to do so.

c5.large

Volumes

For each disk on an added source server there is an identically-sized EBS volume attached to a replication server, and each replication server can handle replication of disks from multiple source servers.

EBS volume type (for replicating disks over 500GiB)

The default EBS Volume type to be used by the replication servers.

Faster, General Purpose SSD (gp3)

EBS encryption

This option will encrypt your replicated data at rest on the staging area subnet disks and the replicated disks.

The replication template is used to define the settings for replicating source servers to AWS.

The screenshot shows the AWS Application Migration Service interface for editing a replication template. At the top, there's a navigation bar with the AWS logo, search bar, and various service links like VPC, EC2, RDS, IAM, CodeCommit, and S3. The main content area has a breadcrumb trail: Application Migration Service > Replication template > Edit replication template. Below this, there's a section for selecting additional security groups, with one group named 'default' selected. The main configuration area is titled 'Data routing and throttling' and includes the following options:

- Create public IP
- Use private IP for data replication (VPN, DirectConnect, VPC peering, etc.)
- Create public IP, and use Private IP for data replication (VPN, DirectConnect, VPC peering, etc.)
- Throttle network bandwidth (per server - in Mbps)

Below this is a 'Replication resources tags' section, which states "No tags associated with the resource." It includes an "Add new tag" button and a note that you can add up to 50 more tags. At the bottom right, there are "Cancel" and "Save template" buttons.

The launch template defines the configuration of the target EC2 instances created during the migration process.

The screenshot shows the AWS Application Migration Service interface for editing a launch template. The top navigation bar includes the AWS logo, search bar, and various service links like VPC, EC2, RDS, IAM, CodeCommit, and S3. The current page is 'Edit launch template' under 'Application Migration Service'.

Default EC2 Launch Template Info

Configure the default settings that will be applied to the EC2 launch template of every target server.

Default target subnet
This is the target subnet to be associated with any instance launched by this service.

subnet-0014e115c9d8627f8
vpc-0fa0a05ee9e4b12e1

Additional security groups
These are the security groups to associate with all instances launched by this service.

Select additional security groups

default X
sg-0d9a090fad0d5727e

Default instance type
This is the default instance type to be used for all instances launched by this service. This value is ignored if instance type right-sizing is active.

c5.large

EBS volume type
This is the default volume type used for EBS volumes. You can overwrite this value for small volumes, using API.

General Purpose SSD (gp3)

IOPS
General Purpose SSD (gp3) volumes support a baseline of 3,000 IOPS. Additionally, you can provision up to 500 IOPS per GiB up to a maximum of 16,000 IOPS.

3000

Min: 3000 IOPS, max: 16,000 IOPS (up to 500 IOPS per GiB).

Throughput

The post-launch template defines the actions to be performed after a server is launched in AWS.

The screenshot shows the AWS Application Migration Service console with the 'Post-launch template' selected. The left sidebar has a 'Migration Service' section with 'Servers' expanded, showing 'Source servers', 'Applications', 'Waves', 'Global view', 'Launch history', 'MGN connectors', and 'Import and Export' (with 'Import' and 'Export' sub-options). Below that is a 'Settings' section with 'Post-launch template' selected. The main content area is titled 'Post-launch template' and contains a description: 'This feature allows you to configure and automate actions performed after the server is launched in AWS. The template controls the default post-launch settings of every newly added source server. You can modify the template or individual server settings at any time.' A note below states: 'Changes made to the templates will only be applied to newly added source servers.' Under 'Post-launch actions settings', there is a 'Activate post-launch actions' section (set to 'No') and a 'Deployment' section (set to 'Test and cutover instances'). An 'Edit' button is located in the top right of this section. The top navigation bar includes the AWS logo, search bar, and various AWS services like VPC, EC2, RDS, IAM, CodeCommit, and S3.



Search

[Alt+S]



N. California ▾

Dhavanisha ▾



VPC



EC2



RDS



IAM



CodeCommit



S3

Application Migration Service > Post-launch template > Edit post-launch template



Post-launch template Info

Configure actions to be executed on every server, upon server launch

Post-launch actions Info

The service can execute actions on your servers, after they are launched, using AWS Systems Manager (AWS SSM). The service will install the AWS SSM agent, and execute the actions you select.

Install the Systems Manager agent and allow executing actions on launched servers

⚠ If you do not activate this feature, this service will not install the SSM agent. Post-launch actions will not be executed on any of your servers.

[Cancel](#)[Save template](#)

aws | Search [Alt+S] | N. California ▾ Dhavanisha ▾

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Active source servers

Migration Service

Servers

Source servers

- Applications
- Waves
- Global view
- Launch history
- MGN connectors
- ▼ Import and Export
 - Import
 - Export

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

AWS Migration Hub

Documentation

Release Notes

Source servers

Active source servers Filter source servers by property or value 1 | Source server name Alerts Migration lifecycle Data replication status Last snapshot Next step

No servers

Add your source servers to this console by installing the AWS Replication Agent. Alternatively, you can add source servers without installing an agent on each guest server by installing the AWS vCenter client on your vCenter.

Add server

This account is currently replicating 0 servers out of a quota of 150 concurrent replicating servers. [Learn more](#)

Post-launch template saved

After pasting a key, you will get the link below to install an AWS replication Windows server copy that.

The screenshot shows the AWS Application Migration Service interface. The top navigation bar includes the AWS logo, search bar, and various service icons like VPC, EC2, RDS, IAM, CodeCommit, and S3. The current page is 'Application Migration Service > Active source servers > Add server'. The main content area is titled 'Windows' with an option for 'Legacy OS: Windows Server 2003, Windows Server 2008 or Windows Server 2008 R2'. Step 2, 'Select your replication preferences', shows a dropdown menu set to 'Replicate all disks'. Step 3, 'Provide the required credentials', requires creating an IAM role or user with the AWSApplicationMigrationAgentInstallationPolicy policy. It includes fields for 'IAM access key ID' (containing 'AKIAZQIQAJ4QBCK474LP') and 'IAM secret access key' (a masked value). A 'Show' button is available next to the secret key field. Step 4, 'User provided resource id - optional', has an empty input field. Step 5, 'Download the installer onto your source server (or copy it there after downloading)', provides a download link: <https://aws-application-migration-service-hashes-us-west-1.s3.us-west-1.amazonaws.com/latest/windows/AwsReplicationWindowsInstaller.exe.sha512>. Step 6, 'Copy and input the command below into the PowerShell command-line on your source server', contains a command line: `.\AwsReplicationWindowsInstaller.exe --region us-west-1 --aws-access-key-id AKIAZQIQAJ4QBCK474LP --aws`, with a 'Copy' button next to it.

aws | Search [Alt+S] | N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Active source servers > Add server

Windows
 Legacy OS: Windows Server 2003, Windows Server 2008 or Windows Server 2008 R2

2. Select your replication preferences [Info](#)

Replicate all disks

3. Provide the required credentials [Info](#)

Create an IAM role or user with the AWSApplicationMigrationAgentInstallationPolicy policy.

IAM access key ID

AKIAZQIQAJ4QBCK474LP

IAM secret access key

This form does not send the secret – it only adds it to the installation command you can copy

.....

Show

Session token

Session token is only required when using temporary credentials

4. User provided resource id - *optional* [Info](#)

5. Download the [installer](#) onto your source server (or copy it there after downloading)

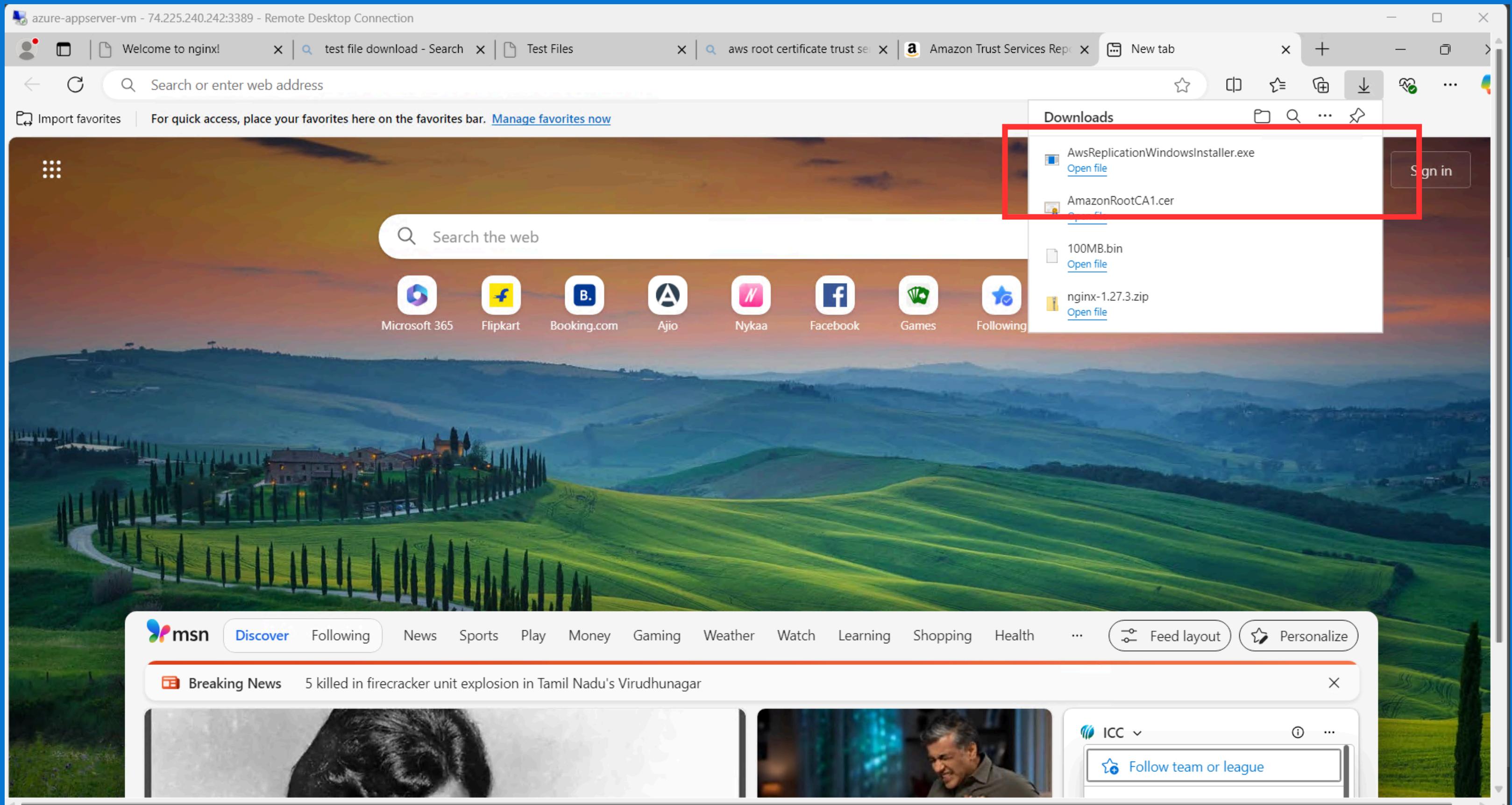
If you need to validate the installer hash, the correct hash can be found here:
<https://aws-application-migration-service-hashes-us-west-1.s3.us-west-1.amazonaws.com/latest/windows/AwsReplicationWindowsInstaller.exe.sha512>

6. Copy and input the command below into the PowerShell command-line on your source server

```
.\AwsReplicationWindowsInstaller.exe --region us-west-1 --aws-access-key-id AKIAZQIQAJ4QBCK474LP --aws
```

Copy

Paste in Internet Explorer on the Azure server and downloaded an aws replication windows server.



Again, navigate to the AWS Application Migration Service. Copy the command.

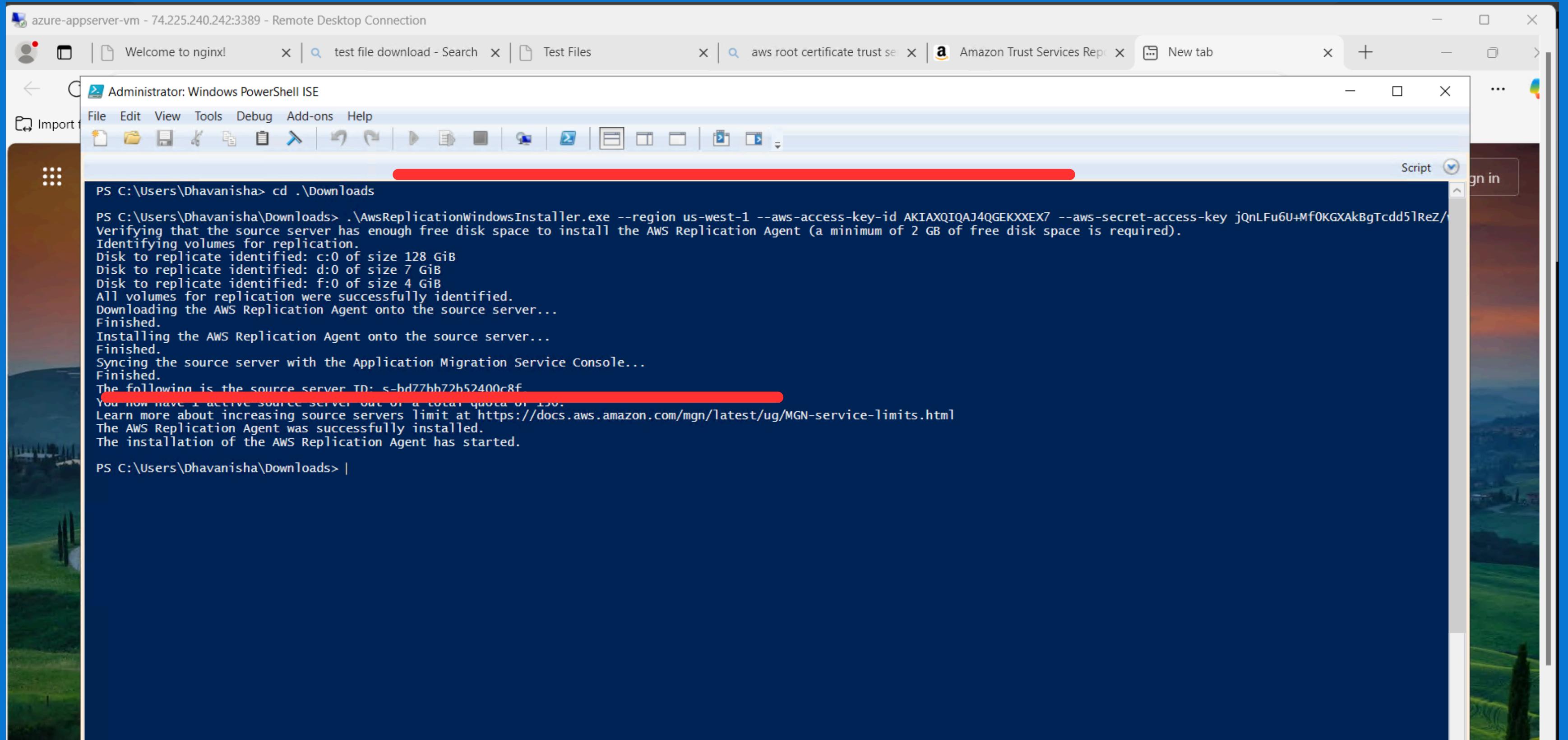
The screenshot shows the AWS Application Migration Service interface. The top navigation bar includes the AWS logo, search bar, and various service links like VPC, EC2, RDS, IAM, CodeCommit, and S3. The current page is 'Application Migration Service > Active source servers > Add server'. The main content area is titled 'Replicate all disks' and contains the following steps:

- 3. Provide the required credentials** [Info](#)
Create an IAM role or user with the AWSApplicationMigrationAgentInstallationPolicy policy.
IAM access key ID: AKIAXQIQAJ4QBCK474LP
- IAM secret access key**
This form does not send the secret – it only adds it to the installation command you can copy
..... [Show](#)
- Session token**
Session token is only required when using temporary credentials
- 4. User provided resource id - optional** [Info](#)
- 5. Download the [installer](#) onto your source server (or copy it there after downloading)**
If you need to validate the installer hash, the correct hash can be found here:
<https://aws-application-migration-service-hashes-us-west-1.s3.us-west-1.amazonaws.com/latest/windows/AwsReplicationWindowsInstaller.exe.sha512>
- 6. Copy and input the command below into the PowerShell command-line on your source server**
.\AwsReplicationWindowsInstaller.exe --region us-west-1 --aws-access-key-id AKIAXQIQAJ4QBCK474LP --aws
A tooltip indicates the command has been copied: **Command copied** [Copy](#)

At the bottom right, there is a **Back** button.

Go to the Azure server and open windows PowerShell.

Paste the command here, and the installation of the AWS replication will begin.



The screenshot shows a Windows Remote Desktop session titled "azure-appserver-vm - 74.225.240.242:3389 - Remote Desktop Connection". The main window is an "Administrator: Windows PowerShell ISE" window. The command being run is:

```
PS C:\Users\DHAVANISHA> cd .\Downloads  
PS C:\Users\DHAVANISHA\Downloads> .\AwsReplicationWindowsInstaller.exe --region us-west-1 --aws-access-key-id AKIAQIQAJ4QGEKXXEX7 --aws-secret-access-key jQnLFu6U+Mf0KGXAkBgTcdd5lReZ/  
Verifying that the source server has enough free disk space to install the AWS Replication Agent (a minimum of 2 GB of free disk space is required).  
Identifying volumes for replication.  
Disk to replicate identified: c:0 of size 128 GiB  
Disk to replicate identified: d:0 of size 7 GiB  
Disk to replicate identified: f:0 of size 4 GiB  
All volumes for replication were successfully identified.  
Downloading the AWS Replication Agent onto the source server...  
Finished.  
Installing the AWS Replication Agent onto the source server...  
Finished.  
Syncing the source server with the Application Migration Service Console...  
Finished.  
The following is the source server ID: s-hd77hh72h52400c8f  
You now have 1 active source server out of a total quota of 100.  
Learn more about increasing source servers limit at https://docs.aws.amazon.com/mgn/latest/ug/MGN-service-limits.html  
The AWS Replication Agent was successfully installed.  
The installation of the AWS Replication Agent has started.
```

The output text is highlighted with a red background.

Go to the AWS console. After refreshing the page, you may see the server that you built in the Azure portal.

The screenshot shows the AWS Application Migration Service (AMS) console. The top navigation bar includes the AWS logo, search bar, and various service links like VPC, EC2, RDS, IAM, CodeCommit, and S3. The user is signed in as 'Dhavanisha' from the 'N. California' region.

The main content area displays the 'Application Migration Service' dashboard under 'Source servers'. It outlines the migration process steps:

- Setup service**: Initialize the service with default replication, launch and post-launch templates.
- Import inventory - optional**: Import waves, application and server definitions, including EC2 launch template attributes.
- Replicate to AWS**:
 - Option one:** Install the replication agent on the source servers.
 - Option two:** Install the MGN connector in your data center and use it to install the replication agent across your inventory.
 - Option three:** Install the appliance in your vCenter, and activate agentless replication.
- Test**: Launch instances in EC2 to verify your applications work as expected. Post-launch actions are automatically activated.
- Cutover**: Launch cutover instances in EC2 for production. Post-launch actions are automatically activated. Finalize your migration to remove the agent from your source servers.

A red box highlights the 'Source servers (1)' section, which lists the active source server details:

Actions	Replication	Test and cutover	Add server		
Active source servers	Filter source servers by property or value	< 1 >	⚙️		
<input type="checkbox"/> Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
azure-appserver	-	Not ready	Initial sync 0% 20 hr left	-	Wait for initial sync to complete

At the bottom, a note states: "This account is currently replicating 1 server out of a quota of 150 concurrent replicating servers. [Learn more](#)".

us-west-1.console.aws.amazon.com/mgn/home?region=us-west-1#/sourceServers

aws | Search [Alt+S]

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Active source servers

Application Migration Service

Servers

Source servers

Applications

Waves

Global view

Launch history

MGN connectors

Import and Export

Import

Export

Settings

Replication template

Launch template

Post-launch template

User preferences

AWS Migration Hub

Documentation

Migration metrics

Alerts Info

Filter servers

Select status to filter

Data replication status Info

Filter servers

Select status to filter

Migration lifecycle Info

Filter servers

Select status to filter

Healthy
1 server, 100%

Initial sync
1 server, 100%

Not ready
1 server, 100%

How it works

Setup service

Import inventory - *optional*

Replicate to AWS

Test

Cutover

The screenshot shows the AWS Application Migration Service (MGN) console. The left sidebar contains navigation links for Servers (Source servers, Applications, Waves, Global view, Launch history, MGN connectors), Import and Export (Import, Export), Settings (Replication template, Launch template, Post-launch template, User preferences), AWS Migration Hub, and Documentation. The main content area displays migration metrics and lifecycle status. Under 'Migration metrics', there are three sections: 'Alerts' (Healthy, 1 server, 100%), 'Data replication status' (Initial sync, 1 server, 100%), and 'Migration lifecycle' (Not ready, 1 server, 100%). Below these are five icons representing the migration process: Setup service (cloud with gear and arrow), Import inventory - optional (document with gear and arrow), Replicate to AWS (cloud with arrow), Test (cloud with checklist), and Cutover (cloud with flag). The top navigation bar includes the AWS logo, search bar, and user profile.

The replication takes 3-4 hours to generate.

us-west-1.console.aws.amazon.com/mgn/home?region=us-west-1#/sourceServers

aws | Search [Alt+S]

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Active source servers

Servers

- Source servers
- Applications
- Waves
- Global view
- Launch history
- MGN connectors
- Import and Export
 - Import
 - Export

Application Migration Service

Setup service
Initialize the service with default replication, launch and post-launch templates.

Import inventory - optional
Import waves, application and server definitions, including EC2 launch template attributes.

Replicate to AWS
Option one: Install the replication agent on the source servers.
Option two: Install the MGN connector in your data center and use it to install the replication agent across your inventory.
Option three: Install the appliance in your vCenter, and activate agentless replication.

Test
Launch instances in EC2, to verify your applications work as expected. Post-launch actions are automatically activated.

Cutover
Launch cutover instances in EC2, for production. Post-launch actions are automatically activated.
Finalize your migration to remove the agent from your source servers.

Source servers (1)

Actions ▾ Replication ▾ Test and cutover ▾ Add server

Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
azure-appserver	-	Not ready	Initial sync 100% creating snapshot	-	Wait for initial sync to complete

This account is currently replicating 1 server out of a quota of 150 concurrent replicating servers. [Learn more](#)

AWS Migration Hub Documentation

AWS | Search [Alt+S] | N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

Filter by VPC

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- NAT gateways
- Peering connections

Security

- Network ACLs
- Security groups**

PrivateLink and Lattice

- Getting started [Updated](#)
- Endpoints [Updated](#)
- Endpoint services
- Service networks [Updated](#)
- Lattice services
- Resource configurations [New](#)
- Resource gateways [New](#)

Security Groups (1/2) Info

C Actions Export security groups to CSV Create security group

Find resources by attribute or tag

Name	Security group ID	Security group name	VPC ID	Description
-	sg-0d9a090fad0d5727e	default	vpc-0fa0a05ee9e4b12e1	default VPC security group
<input checked="" type="checkbox"/> AWS Application Mig...	sg-00ab619d5d40b22e1	AWS Application Migration Service default Replication Server Security Group	vpc-0fa0a05ee9e4b12e1	Security group with AWS Application Migration Service default Replication Server

sg-00ab619d5d40b22e1 - AWS Application Migration Service default Replication Server Security Group

Details Inbound rules Outbound rules Sharing - new VPC associations - new Tags

Inbound rules (1)

C Manage tags Edit inbound rules

Search

Name	Security group rule ID	IP version	Type	Protocol	Port range

The replication began synchronizing in all services are ec2 instance, volume, snapshots, security group, and check there is a default virtual private cloud.

The screenshot shows the AWS Management Console interface for the EC2 service, specifically the Snapshots page. The URL in the browser bar is `us-west-1.console.aws.amazon.com/ec2/home?region=us-west-1#Schemas:`. The top navigation bar includes the AWS logo, a search bar, and various service links like VPC, EC2, RDS, IAM, CodeCommit, and S3. On the far right, it shows the region as "N. California" and the user as "Dhavanisha".

The left sidebar contains a navigation menu with sections for Reserved Instances, Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), Elastic Block Store (Volumes), Snapshots, and Network & Security (Security Groups, Elastic IPs, Placement Groups). The "Snapshots" section is currently selected and expanded, showing a list of 7 snapshots.

The main content area displays a table titled "Snapshots (7) Info". The table has columns for Name, Snapshot ID, Volume size, Description, Storage tier, Snapshot status, and Started. The data is as follows:

Name	Snapshot ID	Volume size	Description	Storage tier	Snapshot status	Started
AWS Application Migration...	snap-05a8a491ba4d99897	4 GiB	AWS Application Migration ...	Standard	Completed	2024/12/18 17:14 GMT+
AWS Application Migration...	snap-03ad987b82e8fb3b1	4 GiB	AWS Application Migration ...	Standard	Completed	2024/12/18 17:20 GMT+
AWS Application Migration...	snap-05587caef29f7edbb	7 GiB	AWS Application Migration ...	Standard	Completed	2024/12/18 17:14 GMT+
AWS Application Migration...	snap-017b1a7df1787dff	7 GiB	AWS Application Migration ...	Standard	Completed	2024/12/18 17:20 GMT+
AWS Application Migration...	snap-0a348026fe363e9fb	128 GiB	AWS Application Migration ...	Standard	Completed	2024/12/18 17:14 GMT+
AWS Application Migration...	snap-089275cf37c6d2e90	128 GiB	AWS Application Migration ...	Standard	Pending	2024/12/18 17:20 GMT+
AWS Application Migration...	snap-03253cead363b8a79	1 GiB	AWS Application Migration ...	Standard	Completed	2024/12/18 17:05 GMT+

AWS | Search [Alt+S] | N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

Saving plans
Reserved Instances
Dedicated Hosts
Capacity Reservations

Images
AMIs
AMI Catalog

Elastic Block Store
Volumes
Snapshots
Lifecycle Manager

Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces

Load Balancing
Load Balancers
Target Groups
Trust Stores [New](#)

Auto Scaling
Auto Scaling Groups

Volumes (4) [Info](#)

Saved filter sets [Choose filter set](#) [Search](#)

<input type="checkbox"/>	Name	Volume ID	Type	Size	IOPS	Throughput	Snapshot ID	Created
<input type="checkbox"/>	AWS Application Volume 1	vol-09d2b39a8a8f078fc	gp3	8 GiB	3000	125	snap-0febefef...	2024/12/18 17:06 GMT+5:30
<input type="checkbox"/>	AWS Application Volume 2	vol-08faeb2ef26fd8533	standard	4 GiB	-	-	-	2024/12/18 17:08 GMT+5:30
<input type="checkbox"/>	AWS Application Volume 3	vol-06dafb3de5713edd4	standard	7 GiB	-	-	-	2024/12/18 17:08 GMT+5:30
<input type="checkbox"/>	AWS Application Volume 4	vol-07801fea641c8774f	standard	128 GiB	-	-	-	2024/12/18 17:08 GMT+5:30

Fault tolerance for all volumes in this Region

Snapshot summary Last updated on Wed, Dec 18, 2024, 05:37:52 PM (GMT+05:30)

Recently backed up volumes / Total # volumes **3 / 4**

Data Lifecycle Manager default policy for EBS Snapshots status
No default policy set up | [Create policy](#)

AWS | Search [Alt+S] | N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Source servers > azure-appserver

Application Migration Service

Servers

- Source servers
- Applications
- Waves
- Global view
- Launch history
- MGN connectors
- Import and Export
 - Import
 - Export

▼ Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

AWS Migration Hub Documentation Release Notes

Migration dashboard | Server info | Tags | Disks settings | Replication settings | Launch settings | Post-launch settings

Lifecycle Info

Not ready Ready for testing Test in progress Ready for cutover Cutover in progress Cutover complete

Launch status Last test Cutover

- - -

Data replication status Info

Healthy (with lag)

Replication progress **Initial replication finished**

Replication type Agent based Elapsed replication time 2 hr

Total replicated storage 138 of 138 GiB Last seen December 18, 2024 at 19:33 (UTC+5:30)

Lag 14 min Replication start time December 18, 2024 at 17:08 (UTC+5:30)

Backlog - Replication instance ID i-038f8c64529bbc124

Launch the test instances to ensure that all data and applications are in place.

The screenshot shows the AWS Application Migration Service (AMS) console. The top navigation bar includes the AWS logo, search bar, and account information for N. California and Dhavanisha. The main navigation menu on the left lists Application Migration Service, Servers, Source servers, Applications, Waves, Global view, Launch history, MGN connectors, Import and Export (with sub-options Import and Export), Settings (with sub-options Replication template, Launch template, Post-launch template, User preferences), and AWS Migration Hub and Documentation.

The current view is for a source server named "azure-appserver" (ID: s-bfc041b98fd3320ca). The "Actions" dropdown is open, showing options like "Lagging" and "Launch test instance". A modal dialog is displayed, titled "Launch test instance for 1 server". It contains the following text:
You are about to launch EC2 instance for 1 server.
These instances will be launched according to the Launch Settings you have configured for them. Launched instances accrue EC2 charges as per your AWS account's rates. [Learn more](#)
▼ The action will be applied to the following servers
azure-appserver

The modal has "Cancel" and "Launch" buttons. In the background, there are tabs for "Launch settings" and "Post-launch settings", and status indicators for "Cutover in progress" and "Cutover complete". Below the modal, sections for "Lifecycle" (Not ready), "Launch status" (-), "Data replication status" (Healthy (with lag)), "Replication progress" (-), and "Replication type" (-) are visible.

AWS | Search [Alt+S] | N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Source servers > azure-appserver

Application Migration Service

Servers

Source servers

Applications

Waves

Global view

Launch history

MGN connectors

Import and Export

Import

Export

Settings

Replication template

Launch template

Post-launch template

User preferences

AWS Migration Hub

Documentation

Release Notes

Launch job mgnjob-b26b3908256807695 created
Starting to launch test instance for 1 server.

View job details X

azure-appserver (s-bfc041b98fd3320ca)

Actions ▾ Replication ▾ Test and cutover ▾

Next actions Info

Lagging
Complete testing and mark as 'Ready for cutover'

Migration dashboard Server info Tags Disks settings Replication settings Launch settings Post-launch settings

Lifecycle Info

Not ready Ready for testing Test in progress Ready for cutover Cutover in progress Cutover complete

Launch status: Waiting

Last test: Job ID: mgnjob-b26b3908256807695 Started: December 18, 2024 at 19:38 (UTC+5:30)

Cutover: -

Data replication status Info

It was created successfully.

Screenshot of the AWS Application Migration Service (AMS) console showing a successful job creation.

The top navigation bar includes the AWS logo, search bar, [Alt+S] key shortcut, and account information for N. California and Dhavanisha.

The main navigation menu on the left lists:

- Application Migration Service
- Servers
 - Source servers
 - Applications
 - Waves
 - Global view
- Launch history
- MGN connectors
- Import and Export
 - Import
 - Export
- Settings
 - Replication template
 - Launch template
 - Post-launch template
 - User preferences
- AWS Migration Hub
- Documentation
- Release Notes

The current page path is Application Migration Service > Launch history > Job: mgnjob-b26b3908256807695.

Job: mgnjob-b26b3908256807695

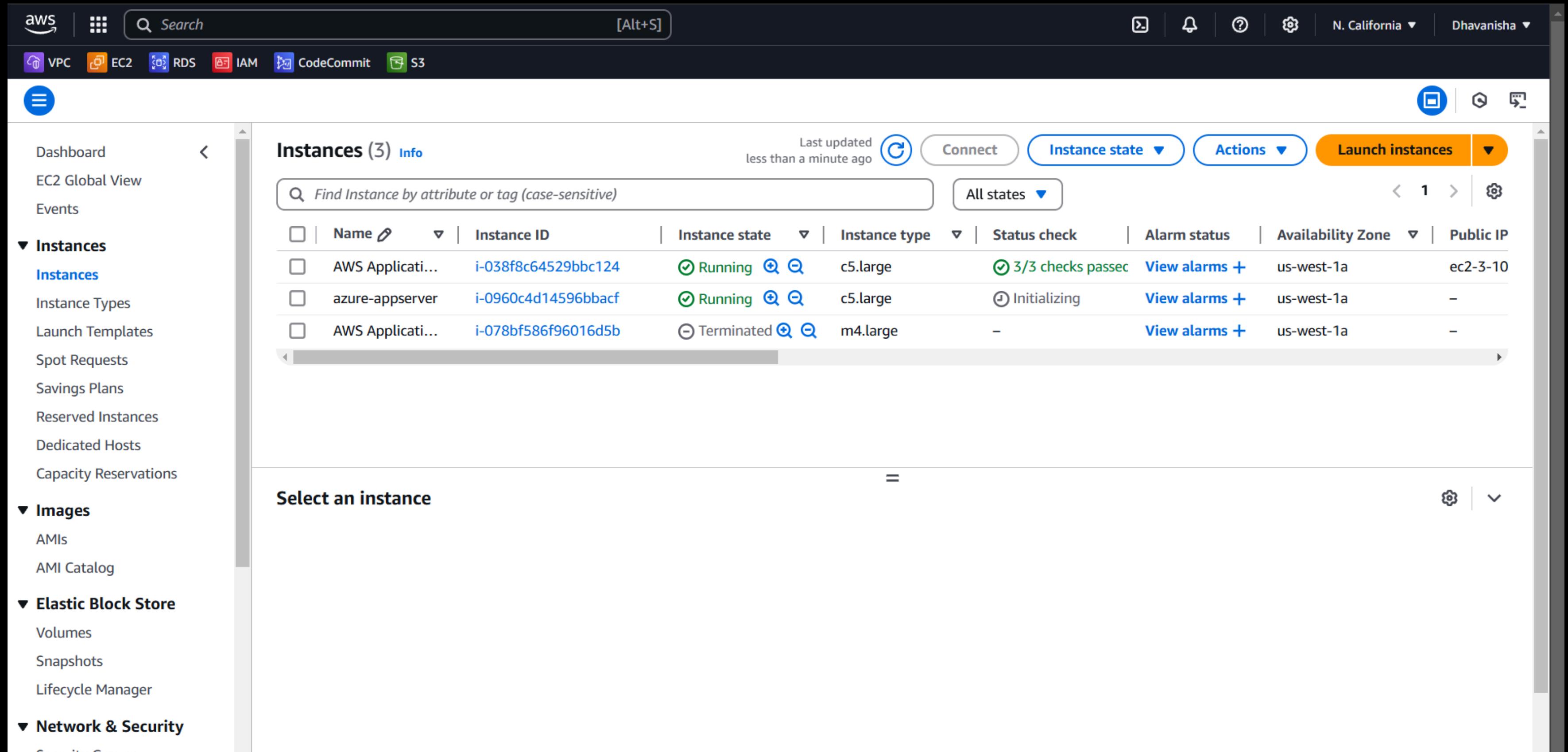
Details

Type	Status	Initiated by
Launch	Completed	Launch test instances
Start time	Completed time	
December 18, 2024 at 19:38 (UTC+5:30)	December 18, 2024 at 19:55 (UTC+5:30)	

Job log (8) Info

Time	Event	Additional data
December 18, 2024 at 19:38 (UTC+5:30)	Job started	
December 18, 2024 at 19:38 (UTC+5:30)	Started taking snapshot	Source server : azure-appserver
December 18, 2024 at 19:39 (UTC+5:30)	Finished taking snapshot	Source server : azure-appserver
December 18, 2024 at 19:39 (UTC+5:30)	Conversion started	Source server : azure-appserver
		Source server : azure-appserver
		Source server : azure-appserver
		Source server : azure-appserver

Go to the instance After refreshing the page, we can see that the instance has been created.



The screenshot shows the AWS EC2 Instances page. The left sidebar is collapsed, and the main area displays the following information:

Instances (3) Info

Last updated less than a minute ago

Actions ▾ Launch instances ▾

Find Instance by attribute or tag (case-sensitive)

All states ▾

<input type="checkbox"/>	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
<input type="checkbox"/>	AWS Application...	i-038f8c64529bbc124	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	ec2-3-10
<input type="checkbox"/>	azure-appserver	i-0960c4d14596bbacf	Running	c5.large	Initializing	View alarms +	us-west-1a	-
<input type="checkbox"/>	AWS Application...	i-078bf586f96016d5b	Terminated	m4.large	-	View alarms +	us-west-1a	-

Select an instance

AMIs | AMI Catalog

Elastic Block Store

Volumes | Snapshots | Lifecycle Manager

Network & Security

The public IP address is not associated with the server.

Screenshot of the AWS EC2 Instances page:

Instances (1/3) Info

Last updated less than a minute ago

Find Instance by attribute or tag (case-sensitive)

All states ▾

Instances (1/3)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
AWS Application Server	i-038f8c64529bbc124	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	ec2-3-10
azure-appserver	i-0960c4d14596bbacf	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	-
AWS Application Server	i-078bf586f96016d5b	Terminated	m4.large	-	View alarms +	us-west-1a	-

i-0960c4d14596bbacf (azure-appserver)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID: i-0960c4d14596bbacf

IPv6 address: -

Hostname type: IP name: ip-172-31-30-211.us-west-1.compute.internal

Public IPv4 address: -

Private IPv4 addresses: 172.31.30.211

Public IPv4 DNS: -

Instance state: Running

Private IP DNS name (IPv4 only): ip-172-31-30-211.us-west-1.compute.internal

Navigate to the elastic IP address and associate the instance with it.

The screenshot shows the AWS Management Console interface for the EC2 service, specifically the Elastic IPs section. The URL in the browser bar is `us-west-1.console.aws.amazon.com/ec2/home?region=us-west-1#Addresses:`. The top navigation bar includes the AWS logo, a search bar, and various service links like VPC, EC2, RDS, IAM, S3, and Route 53. The user is signed in as "Dhavanisha".

The left sidebar contains navigation links for Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs, Network Interfaces), and Load Balancing.

The main content area displays a success message: "Elastic IP address associated successfully. Elastic IP address 13.52.29.122 has been associated with instance i-01b0aaceb29ab9390". Below this, a table titled "Elastic IP addresses (1)" lists the assigned IP address. The table columns are Name, Allocated IPv4 addr..., Type, Allocation ID, and Reverse DNS record. The single entry shows "13.52.29.122" under Allocated IPv4 addr..., "Public IP" under Type, and "eipalloc-03a1d06a209c66c24" under Allocation ID. There is also a link to "Allocate Elastic IP address".

At the bottom, there is a callout for "View IP address usage and recommendations to release unused IPs with Public IP insights.".

Name	Allocated IPv4 addr...	Type	Allocation ID	Reverse DNS record
-	13.52.29.122	Public IP	eipalloc-03a1d06a209c66c24	-

A public IP address is formed.

The screenshot shows the AWS EC2 Instances page. On the left, a navigation sidebar lists categories like Dashboard, EC2 Global View, Events, Instances, Images, Elastic Block Store, and Network & Security. The Instances section is expanded, showing sub-options like Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, and Capacity Reservations. The main content area displays 'Instances (1/3) Info'. A table lists three instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
AWS Application 1	i-0c2748d1a861a1d30	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	ec2-52-8
AWS Application 2	i-062e830c1605a203c	Terminated	m4.large	-	View alarms +	us-west-1a	-
azure-appserver	i-01b0aaceb29ab9390	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	ec2-13-5

The third instance, 'azure-appserver' (i-01b0aaceb29ab9390), is selected and shown in detail below. The 'Details' tab is active. Key details include:

- Instance summary:** Instance ID: i-01b0aaceb29ab9390
- Networking:** Public IPv4 address: 13.52.29.122 | open address
- Networking:** Private IPv4 addresses: 172.31.16.159
- Networking:** Public IPv4 DNS: (empty)
- State:** Instance state: Running

Now connect the instance.

The screenshot shows the AWS EC2 'Connect to instance' page for an instance with ID `i-0960c4d14596bbacf`. The top navigation bar includes links for VPC, EC2, RDS, IAM, CodeCommit, and S3. The breadcrumb path is `EC2 > Instances > i-0960c4d14596bbacf > Connect to instance`. The main section is titled 'Connect to instance' with a 'Info' link. It instructs users to connect to the instance using one of three methods: Session Manager, RDP client (selected), or EC2 serial console. The 'RDP client' tab is active, showing the instance ID `i-0960c4d14596bbacf (azure-appserver)`. Under 'Connection Type', the 'Connect using RDP client' option is selected, with a note that a file needs to be downloaded for the RDP client. An alternative 'Connect using Fleet Manager' option is also listed. Below this, instructions say you can connect using a remote desktop client or by downloading and running an RDP shortcut file. A blue button labeled 'Download remote desktop file' is available. To the right, there's a 'Username' dropdown set to 'Administrator'. On the left, 'Public DNS' is listed as `ec2-13-56-48-140.us-west-1.compute.amazonaws.com`. At the bottom, a note says if the instance is joined to a directory, directory credentials can be used, and a 'Cancel' button is at the bottom right.

VPC EC2 RDS IAM CodeCommit S3

EC2 > Instances > i-0960c4d14596bbacf > Connect to instance

Connect to instance [Info](#)

Connect to your instance `i-0960c4d14596bbacf` (`azure-appserver`) using any of these options

Session Manager **RDP client** EC2 serial console

Instance ID
 `i-0960c4d14596bbacf` (`azure-appserver`)

Connection Type

Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

Connect using Fleet Manager
To connect to the instance using Fleet Manager Remote Desktop, the SSM Agent must be installed and running on the instance. For more information, see [Working with SSM Agent](#)

You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

[Download remote desktop file](#)

When prompted, connect to your instance using the following username and password:

Public DNS
 `ec2-13-56-48-140.us-west-1.compute.amazonaws.com`

Username [Info](#)
 `Administrator`

Password [Get password](#)

Info If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

[Cancel](#)

AWS | Search [Alt+S] | N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

EC2 Instances i-0960c4d14596bbacf Connect to instance

Connect to instance Info

Connect to your instance i-0960c4d14596bbacf (azure-appserver) using any of these options

Session Manager **RDP client** **EC2 serial console**

Instance ID
i-0960c4d14596bbacf (azure-appserver)

Connection Type

Connect using RDP client
Download a file to use with your RDP client and retrieve your password.

You can connect to your Windows instance using a remote desktop client.

[Download remote desktop file](#)

When prompted, connect to your instance using the following username and password:

Public DNS
ec2-13-56-48-140.us-west-1.compute.amazonaws.com

Password [Get password](#)

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

Username Info
 Administrator

Remote Desktop Connection

The publisher of this remote connection can't be identified. Do you want to connect anyway?

This remote connection could harm your local or remote computer. Do not connect unless you know where this connection came from or have used it before.

Publisher: Unknown publisher
Type: Remote Desktop Connection
Remote computer: ec2-13-56-48-140.us-west-1.compute.amazonaws.com

Don't ask me again for connections to this computer

Show Details **Connect** **Cancel**

Cancel

AWS | Search [Alt+S] | United States (N. California) | Dhavanisha

VPC EC2 RDS IAM S3 Route 53

EC2 > Security Groups > sg-0d9a090fad0d5727e - default

Instances (1/3) Info

Find Instance by attribute or tag (case-insensitive)

Name	Instance ID
AWS Application Server 1	i-0c2748d1a
AWS Application Server 2	i-062e830c1
azure-appserver	i-01b0aaceb29ab9390

User name: Dhavanisha
Password: *****
 Remember me

OK Cancel

Windows Security

Enter your credentials

These credentials will be used to connect to 13.52.29.122.

Instance state: 1 / 3 checks passed | View alarms + | us-west-1a | ec2-52-8

Instance state: 1 / 3 checks passed | View alarms + | us-west-1a | -

Instance state: 1 / 3 checks passed | View alarms + | us-west-1a | ec2-13-5

i-01b0aaceb29ab9390 (azure-appserver)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-01b0aaceb29ab9390

IPv6 address: -

Public IPv4 address copied

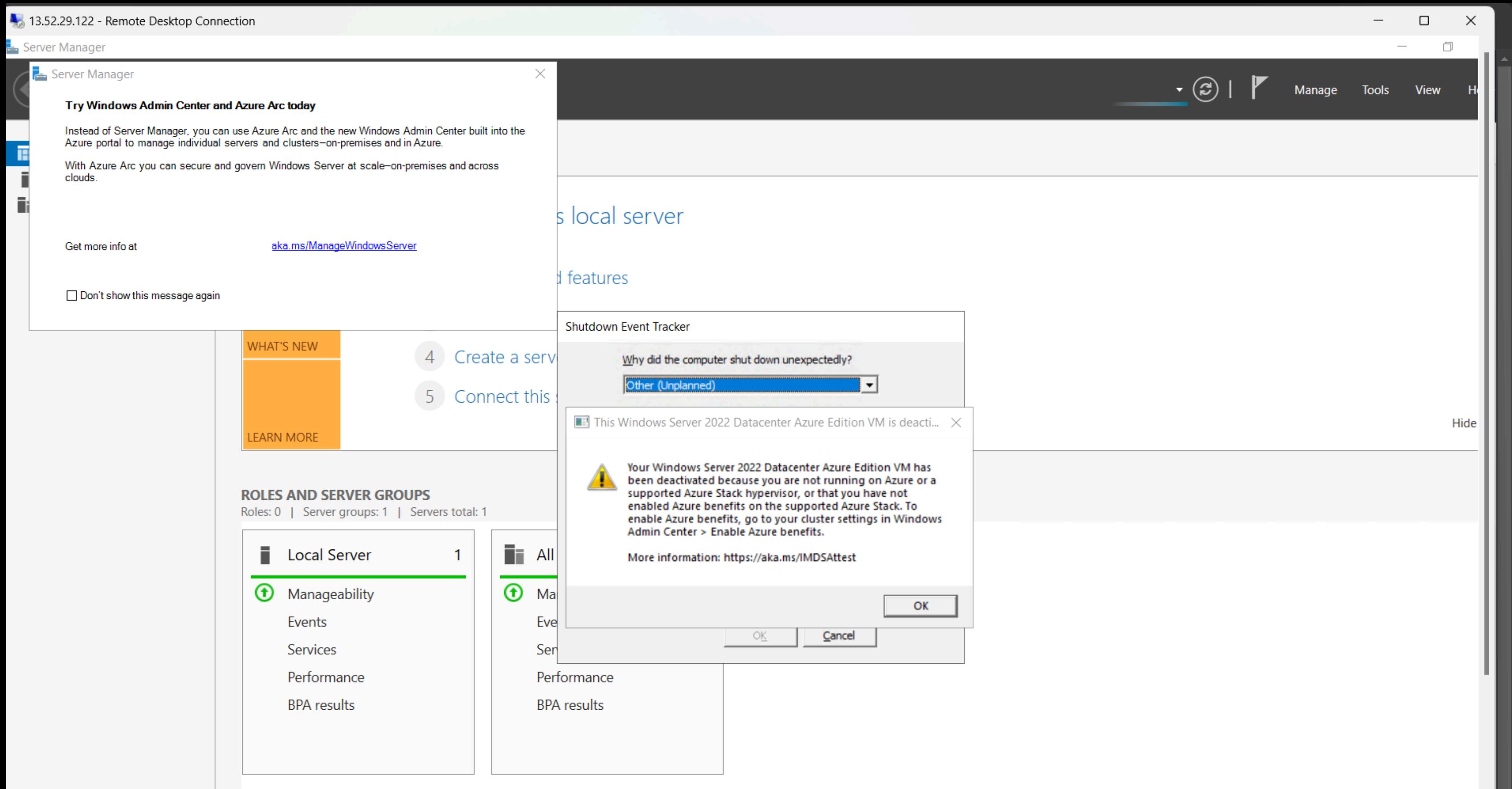
Public IPv4 address: 13.52.29.122 | open address ↗

Private IPv4 addresses: 172.31.16.159

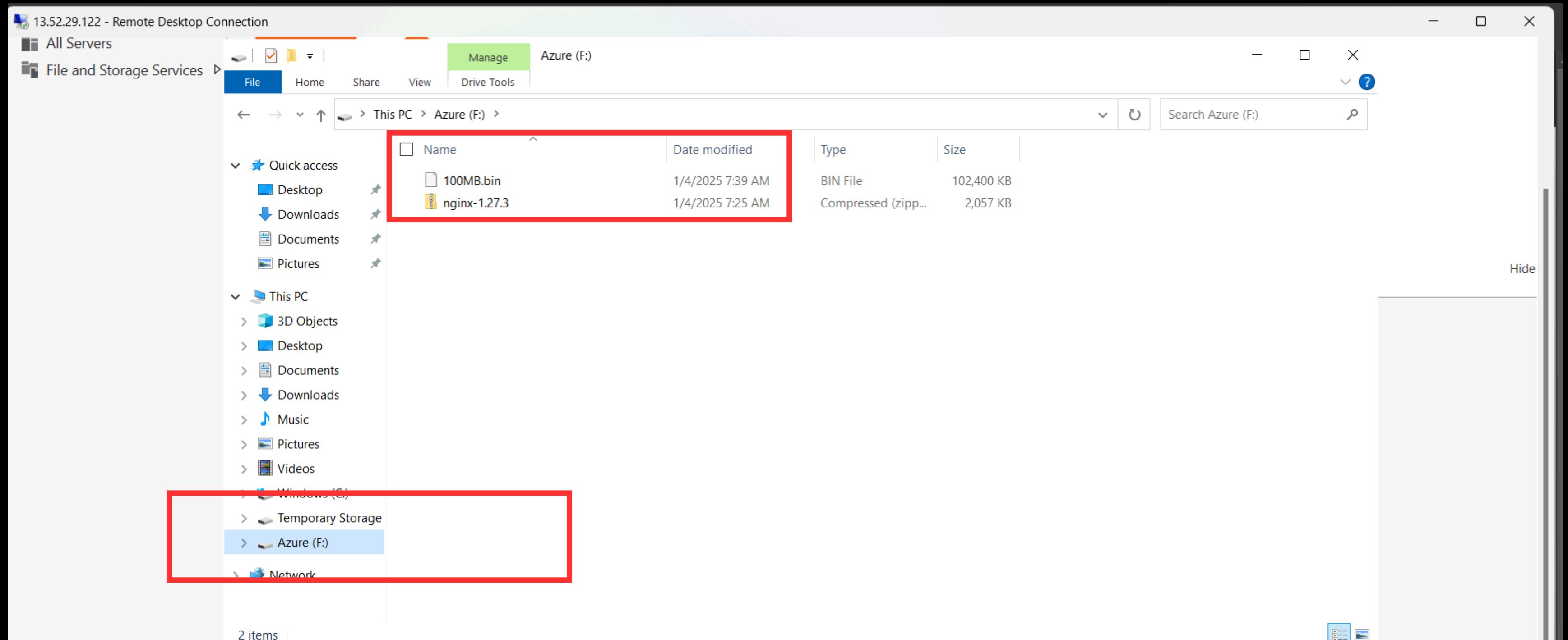
Public IPv4 DNS: ec2-13-52-29-122.us-west-1.compute.amazonaws.com | open address ↗

Instance state: Running

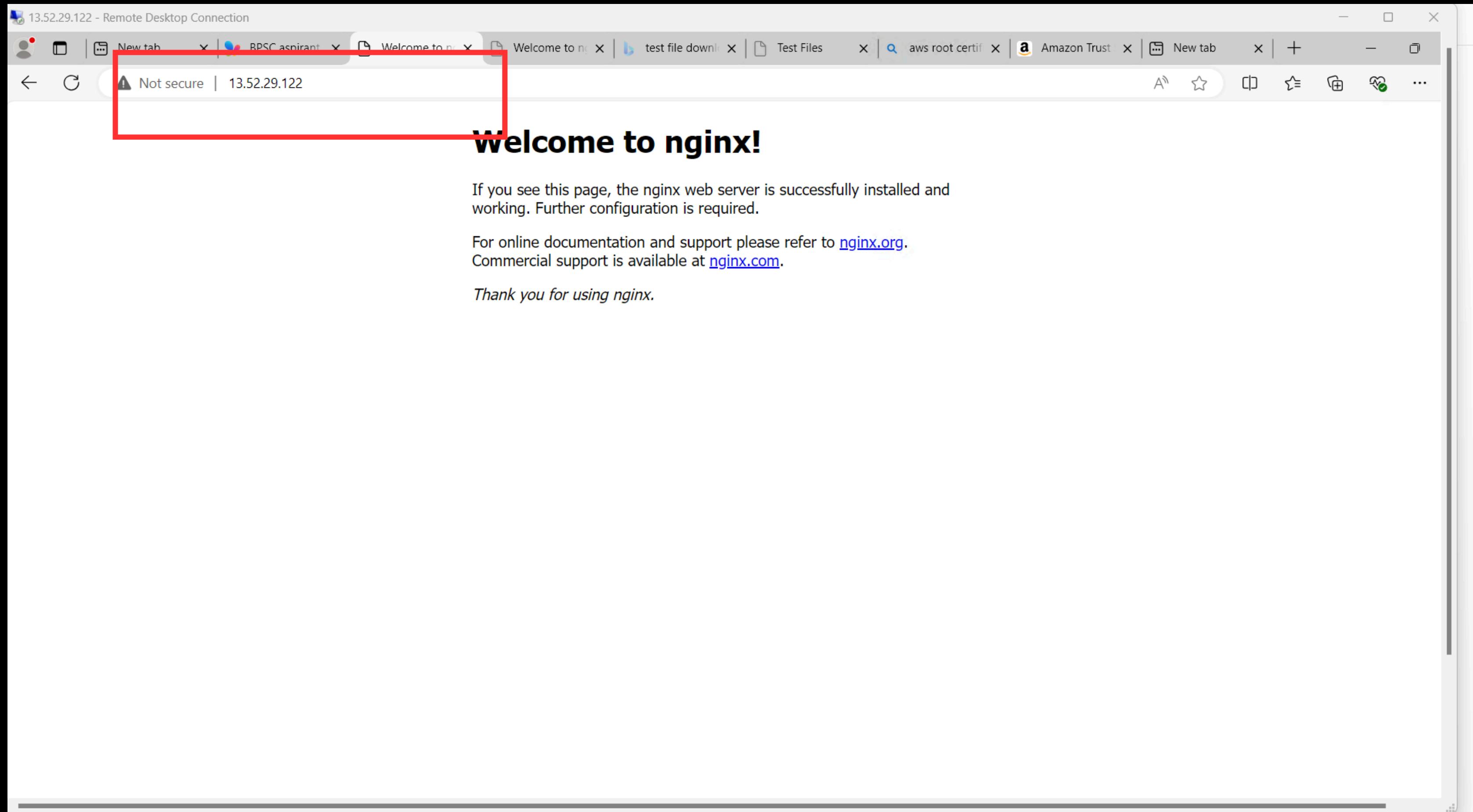
Server is opened. Go verify the data.



Here, you can see the generated disk in Azure server.



Nginx is also working.



Then again navigate to aws console next step is mark as "ready for cutover" this step will do terminate your test instance

The screenshot shows the AWS Application Migration Service console with a modal dialog in the foreground. The dialog is titled "Mark 1 server as ‘Ready for cutover’". It contains the following text:
"You are about to mark 1 server as having been tested and ready for cutover.
[Learn more](#)"
"Test instances continue to accrue EC2 charges until terminated. You can terminate these instances now, or later from the “Test and cutover” menu."
Below this, there is a checkbox with the label "Would you like to terminate the instances launched for testing? Yes, terminate launched instances (recommended)." A section titled "The action will be applied to the following servers" lists "azure-appserver". At the bottom of the dialog are "Cancel" and "Continue" buttons. The background of the console shows the "azure-appserver (s-bfc041b98fd3320ca)" page with tabs for "Actions", "Replication", and "Test and cutover".

The "ready for cutover" state is for launching the final instance in AWS

Screenshot of the AWS Application Migration Service console showing the migration status of an Azure app server.

Next actions: Launched (Green checkmark)

Terminate launched instance; Launch cutover instance

Migration dashboard (selected tab) | Server info | Tags | Disks settings | Replication settings | Launch settings | Post-launch settings

Lifecycle: Not ready > Ready for testing > Test in progress > **Ready for cutover** (highlighted in blue) > Cutover in progress > Cutover complete

Launch status: Launched
First boot: Succeeded
[View in EC2 console](#)

Last test: Job ID: [mgnjob-b26b3908256807695](#)
Started: December 18, 2024 at 19:38 (UTC+5:30)

Cutover: -

Data replication status: Healthy

Replication progress: [Initial replication finished](#) (Green checkmark)

Replication type: Agent based

Elapsed replication time: 3 hr

Its terminating the test instance.

The screenshot shows the AWS EC2 Instances page. The left sidebar contains navigation links for Dashboard, EC2 Global View, Events, Instances (with sub-links for Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), and Network & Security (Security Groups, Elastic IPs, Placement Groups). The main content area displays the 'Instances (1/3)' section. A table lists three instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
AWS Applicati...	i-038f8c64529bbc124	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	ec2-3-10
azure-appserver	i-0960c4d14596bbacf	Terminated	c5.large	-	View alarms +	us-west-1a	-
AWS Applicati...	i-078bf586f96016d5b	Terminated	m4.large	-	View alarms +	us-west-1a	-

The instance **i-0960c4d14596bbacf (azure-appserver)** is selected. The 'Details' tab is active. The 'Instance summary' section shows the following details:

- Instance ID: i-0960c4d14596bbacf
- Public IPv4 address: -
- Private IPv4 addresses: -
- Public IPv4 DNS: -
- IPv6 address: -
- Instance state: Terminated
- Hostname type: -

The next step is to launch the cutover instance, which is the final instance for launching.

The screenshot shows the AWS Application Migration Service (AMS) console. The top navigation bar includes the AWS logo, search bar, and account information for N. California and Dhavanisha. The main menu has links to VPC, EC2, RDS, IAM, CodeCommit, and S3. The current view is under the Application Migration Service, specifically for the 'azure-appserver' migration.

Application Migration Service < **Servers**

azure-appserver (s-bfc041b98fd3320ca)

Next actions Info

- Finalize cutover

Migration dashboard Server info Tags Disks settings Replication settings Launch settings Post-launch settings

Lifecycle Info

A horizontal timeline shows the migration status:

- Not ready
- Ready for testing
- Test in progress
- Ready for cutover
- Cutover in progress** (highlighted in blue)
- Cutover complete

Launch status: Waiting

Last test: Job ID: [mgnjob-b26b3908256807695](#), Started: December 18, 2024 at 19:38 (UTC+5:30)

Cutover: Job ID: [mgnjob-b5e59847907a43c16](#), Started: December 18, 2024 at 20:34 (UTC+5:30)

Data replication status Info

Healthy

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

AWS Migration Hub Documentation Release Notes

AWS | Search [Alt+S] | N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Launch history > Job: mgnjob-b5e59847907a43c16

Application Migration Service

Servers

- Source servers
- Applications
- Waves
- Global view

Launch history

- MGN connectors
- Import and Export
 - Import
 - Export

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

AWS Migration Hub

Documentation

Release Notes

Job: mgnjob-b5e59847907a43c16

Details

Type	Status
Launch	Completed
Start time	Completed time
December 18, 2024 at 20:34 (UTC+5:30)	December 18, 2024 at 20:51 (UTC+5:30)

Initiated by
Launch cutover instances

Job log (8) Info

Filter job log by property or value

Time	Event	Additional data
December 18, 2024 at 20:34 (UTC+5:30)	Job started	
December 18, 2024 at 20:34 (UTC+5:30)	Started taking snapshot	Source server : azure-appserver
December 18, 2024 at 20:35 (UTC+5:30)	Finished taking snapshot	Source server : azure-appserver
December 18, 2024 at 20:35 (UTC+5:30)	Conversion started	Source server : azure-appserver
		Source server : azure-appserver
		Source server : azure-appserver
		Source server : azure-appserver

AWS | Search [Alt+S] N. California | Dhavanisha

VPC EC2 RDS IAM CodeCommit S3

Application Migration Service > Launch history > Job: mgnjob-b5e59847907a43c16

Application Migration Service

Servers

- Source servers
- Applications
- Waves
- Global view

Launch history

- MGN connectors
- Import and Export
 - Import
 - Export

Settings

- Replication template
- Launch template
- Post-launch template
- User preferences

AWS Migration Hub Documentation Release Notes

Start time: December 18, 2024 at 20:34 (UTC+5:30) Completed time: December 18, 2024 at 20:51 (UTC+5:30)

Job log (8) Info Filter job log by property or value 1 2 >

Time	Event	Additional data
December 18, 2024 at 20:34 (UTC+5:30)	Job started	
December 18, 2024 at 20:34 (UTC+5:30)	Started taking snapshot	Source server : azure-appserver
December 18, 2024 at 20:35 (UTC+5:30)	Finished taking snapshot	Source server : azure-appserver
December 18, 2024 at 20:35 (UTC+5:30)	Conversion started	Source server : azure-appserver
December 18, 2024 at 20:46 (UTC+5:30)	Conversion succeeded	Source server : azure-appserver Conversion Server instance ID: i-0f56dac902eacab44
December 18, 2024 at 20:46 (UTC+5:30)	Started launching test/ cutover EC2 instance	Source server : azure-appserver
December 18, 2024 at 20:51 (UTC+5:30)	Successfully launched test/ cutover EC2 instance	Source server : azure-appserver Test/ cutover instance ID: i-01d853959b63e3f8e

The final instance launched successfully.

The screenshot shows the AWS EC2 Instances page. The left sidebar has sections for Dashboard, EC2 Global View, Events, Instances (with sub-options like Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations), Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), and Network & Security (Security Groups, Elastic IPs). The main content area shows the 'Instances (1/4)' section with a table of four instances. The second instance, 'azure-appserver' (i-07e630fec587e73da), is selected and highlighted with a red box. The table columns include Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IP. The instance details for 'i-07e630fec587e73da (azure-appserver)' are shown below, including Details, Status and alarms, Monitoring, Security, Networking, Storage, and Tags tabs. Under the Details tab, the Instance summary shows the Instance ID (i-07e630fec587e73da), Public IPv4 address (empty), Private IPv4 addresses (172.31.23.164), and Private IP DNS name (empty). The Instance state is Running.

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
AWS Applicati...	i-0c2748d1a861a1d30	Running	c5.large	3/3 checks passec	View alarms +	us-west-1a	ec2-52-8
azure-appserver	i-07e630fec587e73da	Running	c5.large	3/3 checks passec	View alarms +	us-west-1a	-
azure-appserver	i-01b0aaceb29ab9390	Terminated	c5.large	-	View alarms +	us-west-1a	-
AWS Applicati...	i-06a5b7459bd42bab1	Terminated	m4.large	-	View alarms +	us-west-1a	-

i-07e630fec587e73da (azure-appserver)

Details [Status and alarms](#) [Monitoring](#) [Security](#) [Networking](#) [Storage](#) [Tags](#)

Instance summary

Instance ID	i-07e630fec587e73da	Public IPv4 address	Private IPv4 addresses
IPv6 address	-	Instance state	172.31.23.164
Hostname type		Private IP DNS name (IPv4 only)	Public IPv4 DNS

Again, there is no public IP in the new server, therefore I added the same elastic IP to that server.

The screenshot shows the AWS EC2 Instances page. On the left, a sidebar lists navigation options: Dashboard, EC2 Global View, Events, Instances (selected), Instances, Instance Types, Launch Templates, Spot Requests, Savings Plans, Reserved Instances, Dedicated Hosts, Capacity Reservations, Images (AMIs, AMI Catalog), Elastic Block Store (Volumes, Snapshots, Lifecycle Manager), Network & Security (Security Groups, Elastic IPs, Placement Groups), CloudShell, and Feedback. The main content area displays the 'Instances (1/4)' section with a table of running instances. One instance, 'azur...-appserver' (i-07e630fec587e73da), is selected and highlighted with a blue border. The table columns include Name, Instance ID, Instance state, Instance type, Status check, Alarm status, Availability Zone, and Public IP. The 'azur...-appserver' row shows 'Running', 'c5.large', '3/3 checks passed', 'View alarms +', 'us-west-1a', and 'ec2-13-5'. Below the table, the details for the selected instance (i-07e630fec587e73da) are shown. The 'Details' tab is active, displaying the Instance summary. The 'Public IPv4 address' field, which contains '13.52.29.122 | open address', is highlighted with a red rectangle. Other visible fields include 'Instance ID' (i-07e630fec587e73da), 'IPv6 address' (empty), 'Instance state' (Running), 'Private IPv4 addresses' (172.31.23.164), 'Public IPv4 DNS' (ec2-13-52-29-122.us-west-1.compute.amazonaws.com | open address), and 'Tags' (empty).

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
AWS Applicati...	i-0c2748d1a861a1d30	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	ec2-52-8
azur...-appserver	i-07e630fec587e73da	Running	c5.large	3/3 checks passed	View alarms +	us-west-1a	ec2-13-5
azure-appserver	i-01b0aaceb29ab9390	Terminated	c5.large	-	View alarms +	us-west-1a	-
AWS Applicati...	i-06a5b7459bd42bab1	Terminated	m4.large	-	View alarms +	us-west-1a	-

i-07e630fec587e73da (azur...-appserver)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-07e630fec587e73da

Public IPv4 address: 13.52.29.122 | [open address](#)

Private IPv4 addresses: 172.31.23.164

Public IPv4 DNS: ec2-13-52-29-122.us-west-1.compute.amazonaws.com | [open address](#)

Instance state: Running

Finally, the server was launched in a healthy state.

Screenshot of the AWS Application Migration Service console showing the status of a source server.

The top navigation bar includes the AWS logo, search bar, and account information for N. California and Dhavanisha.

The left sidebar shows the Application Migration Service navigation menu under Servers, including Source servers, Applications, Waves, Global view, Launch history, MGN connectors, Import and Export (with sub-options Import and Export), and Settings (with sub-options Replication template, Launch template, Post-launch template, User preferences).

The main content area displays five migration steps: Setup service, Import inventory - optional, Replicate to AWS, Test, and Cutover, each with a corresponding icon.

The "Source servers (1)" table lists the active source server details:

Source server name	Alerts	Migration lifecycle	Data replication status	Last snapshot	Next step
azure-appserver	Launched	Cutover in progress	Healthy	27 minutes ago	Finalize cutover

A red box highlights the "Data replication status" and "Last snapshot" columns for the listed server.

Footnote at the bottom: This account is currently replicating 1 server out of a quota of 150 concurrent replicating servers. [Learn more](#)

The next stage is to finalize the cutover.

The screenshot shows the AWS Application Migration Service (AMS) console. The main view displays a server named "azure-appserver (s-bfc041b98fd3320ca)". The "Lifecycle" section indicates the server is "Not ready". The "Launch status" shows it is "Launched" with a "First boot: Succeeded" message and a link to "View in EC2 console". The "Last test" information includes a job ID and start date. The "Data replication status" is listed as "Healthy". A prominent modal dialog box is centered over the page, titled "Finalize cutover for 1 server". It contains a warning message: "You are about to finalize cutover for 1 server. This action cannot be reversed. This will cause all replicated data to be discarded, and all AWS resources used for data replication to be terminated." Below the warning, a section titled "▼ The action will be applied to the following servers" lists "azure-appserver". At the bottom of the modal are two buttons: "Cancel" and a large orange "Finalize" button. The background of the main AMS interface is dimmed, and the "Actions", "Replication", and "Test and cutover" tabs are visible at the top right.

After the finalizing the cutover, the Azure virtual machine will be disconnected, allowing the machines to function independently.

The screenshot shows the AWS Application Migration Service (AMS) console. The top navigation bar includes the AWS logo, search bar, and various service links like VPC, EC2, RDS, IAM, CodeCommit, and S3. The user is signed in as Dhavanisha from the N. California region. The main navigation on the left is under 'Application Migration Service' and 'Servers', with 'Source servers' selected. The central content area displays a summary for an 'azure-appserver' with the identifier 's-bfc041b98fd3320ca'. A prominent green notification bar at the top states 'Cutover finalized' with a note 'Cutover finalized for 1 server.' Below this, the server name is shown in bold. To the right are three buttons: 'Actions', 'Replication', and 'Test and cutover'. The 'Migration dashboard' tab is active, showing the 'Lifecycle' section with six stages: Not ready, Ready for testing, Test in progress, Ready for cutover, Cutover in progress, and Cutover complete. The 'Ready for cutover' stage is highlighted in blue. Under 'Launch status', it shows 'Launched' and 'First boot: Succeeded' with a link to 'View in EC2 console'. Under 'Last test', it shows 'Job ID: mgnjob-b26b3908256807695' and 'Started: December 18, 2024 at 19:38 (UTC+5:30)'. Under 'Cutover', it shows 'Job ID: mgnjob-b5e59847907a43c16', 'Started: December 18, 2024 at 20:34 (UTC+5:30)', and 'Finalized: December 18, 2024 at 21:04 (UTC+5:30)'. The bottom of the screen shows partial sections for 'Data replication status' and 'Relocation status'.

Now connecting the instance with the same RDP.

Screenshot of the AWS Management Console showing the 'Connect to instance' dialog for an EC2 instance.

The instance ID is [i-01d853959b63e3f8e](#) (azure-appserver).

The 'RDP client' tab is selected.

A warning dialog titled 'Remote Desktop Connection' is displayed:

- Warning:** The publisher of this remote connection can't be identified. Do you want to connect anyway?
- This remote connection could harm your local or remote computer. Do not connect unless you know where this connection came from or have used it before.
- Publisher: Unknown publisher
- Type: Remote Desktop Connection
- Remote computer: ec2-13-56-48-140.us-west-1.compute.amazonaws.com
- Don't ask me again for connections to this computer
- Connect Cancel

Below the dialog, the 'Session Manager' tab shows:

- Instance ID:** [i-01d853959b63e3f8e](#) (azure-appserver)
- Connection Type:** Connect using RDP client
- You can connect to your Windows instance using a remote desktop client.
- [Download remote desktop file](#)
- When prompted, connect to your instance using the following username and password:
- Public DNS:** [ec2-13-56-48-140.us-west-1.compute.amazonaws.com](#)
- Password:** [Get password](#)
- If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

The 'EC2 serial console' tab is also visible.

Using the same username and password

The screenshot shows the AWS Management Console interface for the EC2 service. The main window displays a list of instances under the heading "Instances (1/4)". One instance, "azure-appserver" (ID: i-07e630fec), is selected. A modal dialog box titled "Windows Security" is overlaid on the screen, prompting for credentials to connect to the selected instance. The dialog includes fields for "Username" (set to "Dhavanisha") and "Password". There is also a "Remember me" checkbox and a "More choices" link. At the bottom of the dialog are "OK" and "Cancel" buttons.

us-west-1.console.aws.amazon.com/ec2/home?region=us-west-1#Instances:

aws | Search [Alt+S]

VPC EC2 RDS IAM S3 Route 53

EC2 > Security Groups > sg-0d9a090fad0d5727e - default

Instances (1/4) Info

Find Instance by attribute or tag (case-insensitive)

Name Instance ID

- AWS Application... i-0c2748d1a
- azure-appserver i-07e630fec!
- Azure Appserver i-01b0aaceb
- AWS Application... i-06a5b7459

DESKTOP-OOA9QJB\DHAVANISHA

Remember me

More choices

OK Cancel

i-07e630fec587e73da (azure-appserver)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-07e630fec587e73da

IPv6 address: -

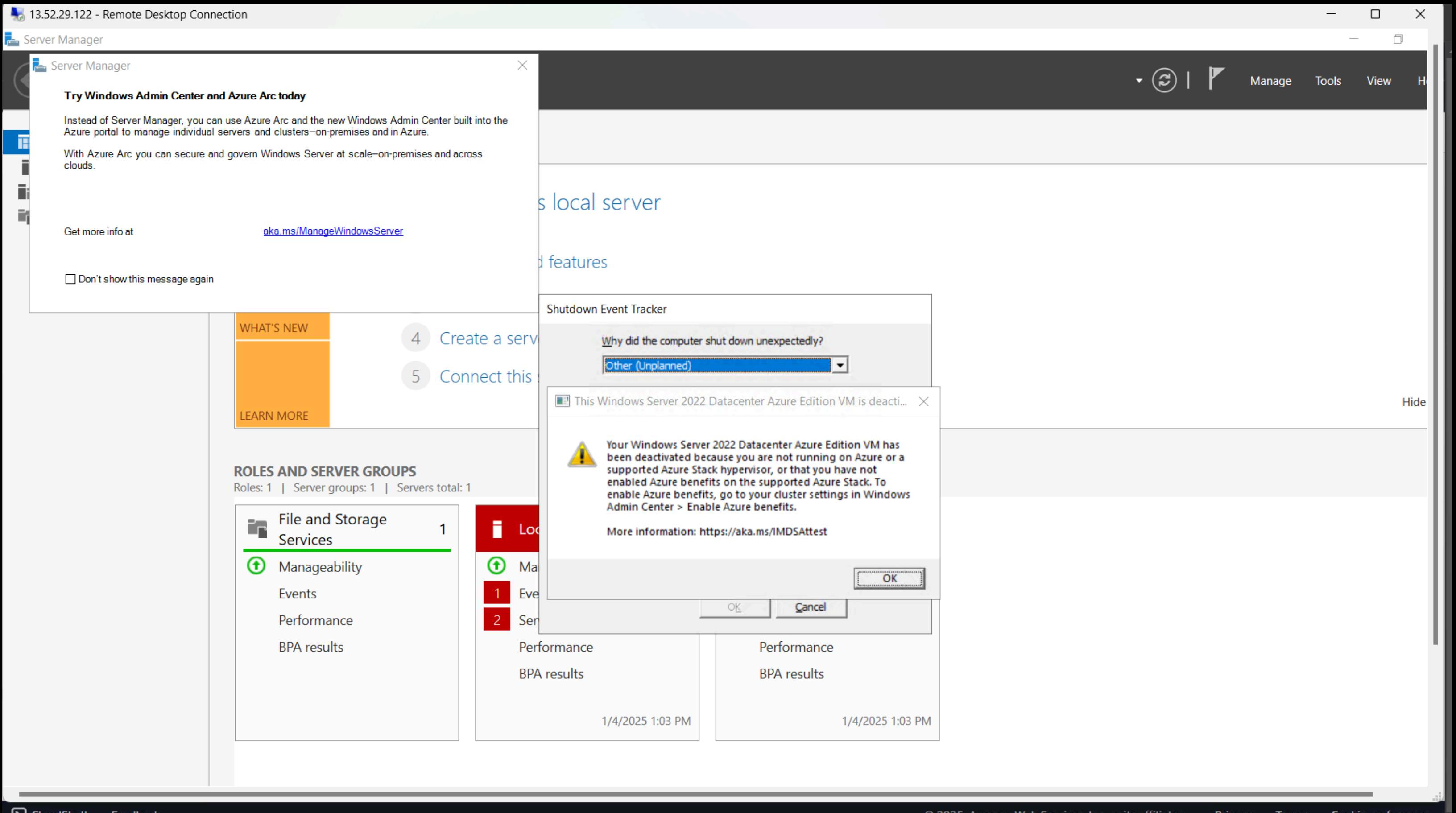
Public IPv4 address: 13.52.29.122 | open address

Instance state: Running

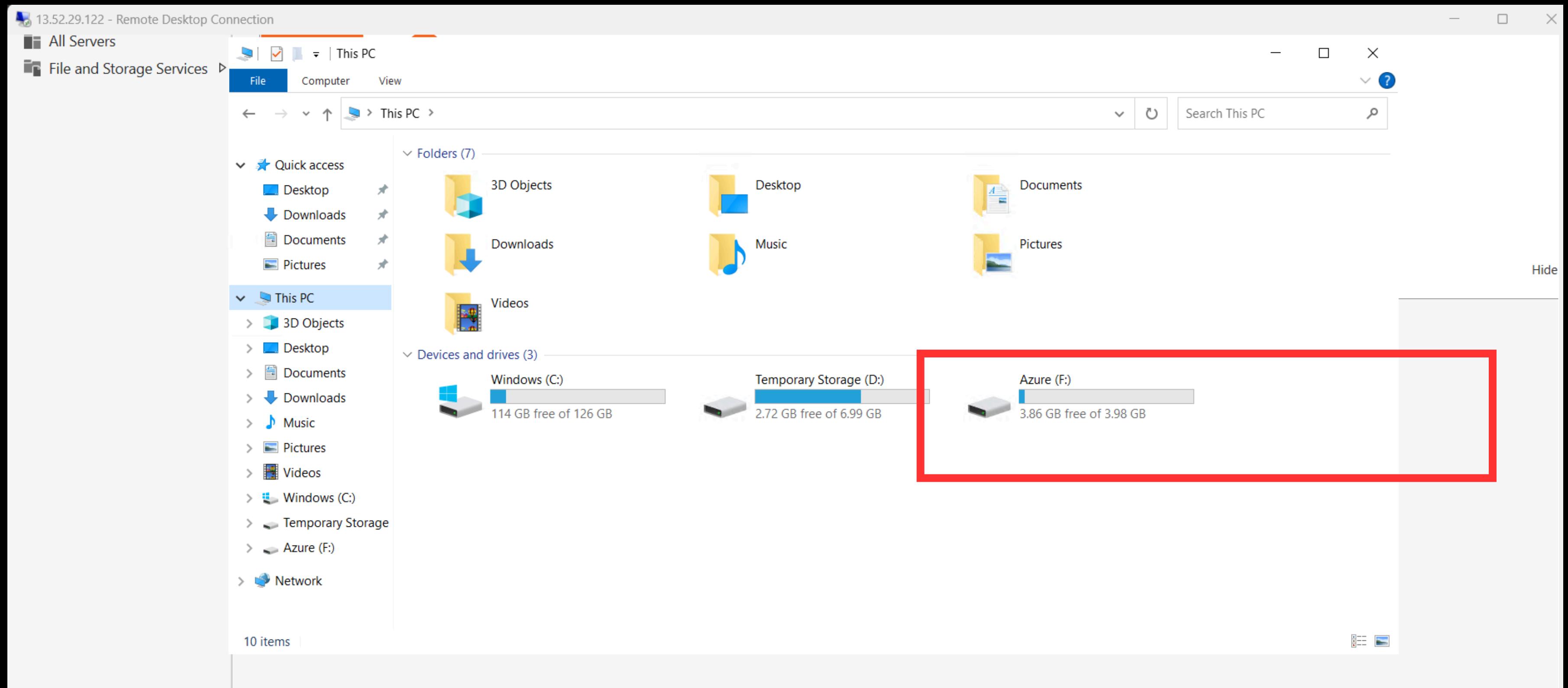
Private IPv4 addresses: 172.31.23.164

Public IPv4 DNS: ec2-13-52-29-122.us-west-1.compute.amazonaws.com | open address

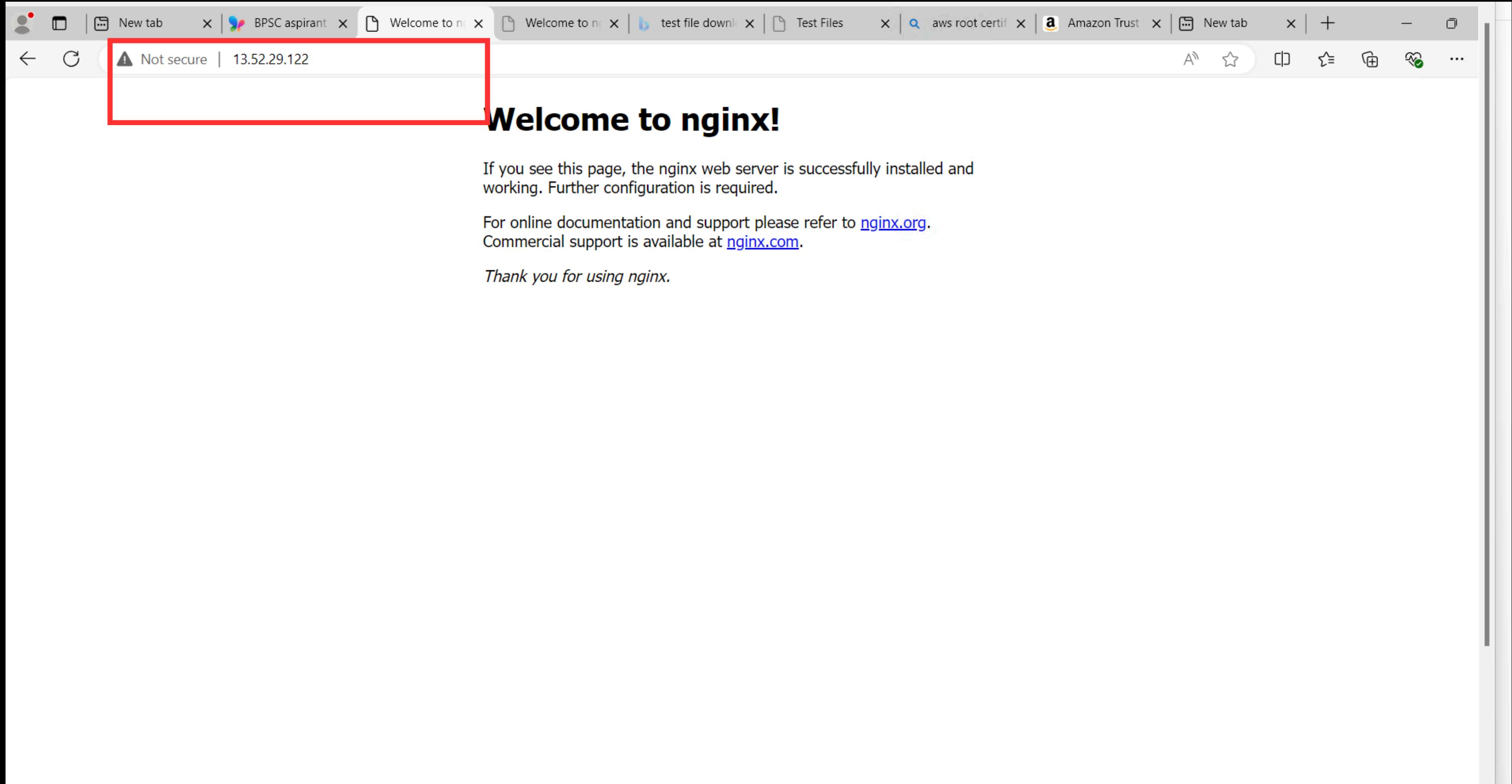
Successfully migrated the server with no downtime.



Navigate to file explorer This is our test data, which is accessible here.



Finally, validate nginx. Yes, it is functioning.



CONCLUSION

This project successfully migrated Virtual Machines from Azure to AWS using the AWS Application Migration Service. The process was efficient, with minimal downtime and ensured data integrity. By moving to AWS, the workloads now benefit from a scalable and cost-effective environment, ready to support future needs. This migration demonstrates how automation simplifies cloud transitions while maintaining business operations smoothly.

THANK YOU



dhavanisha.jp@gmail.com