

EXP NO 25. Database as a Service (DaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.

AIM:

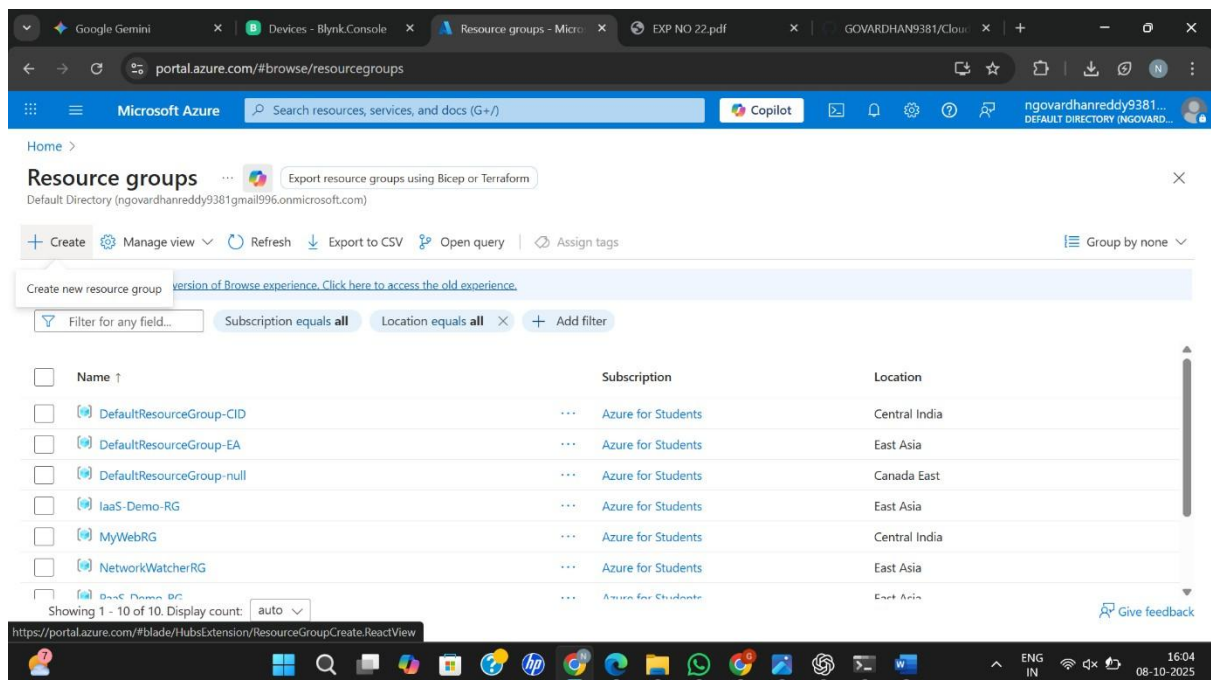
To create a Database as a Service (DaaS) and configure a new VM Image in any Public Cloud Service Provider using Azure.

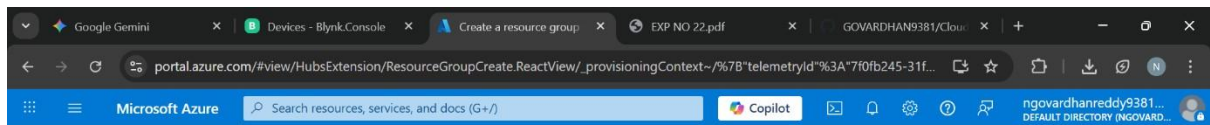
Procedure:

Procedure:

1. Log in to Azure Portal – <https://portal.azure.com>
2. Create a Resource Group → Name: DaaS-RG → Click Create
3. Go to Create a Resource → Virtual Machine ○ Resource Group: DaaS-RG ○ VM Name: daasvm ○ Image: Windows Server or Ubuntu ○ Size: 1 vCPU, 1GB RAM ○ Set username and password → Create
4. Connect to the VM using RDP (Windows) or SSH (Linux).
5. Install a Database Server (SQL Server or MySQL) inside the VM.
6. Go to VM → Capture → Create Image → Name: daasvmimage.
7. Enter Version number: 1.0.0 → Click Review + Create → Create.

Design:





Home > Resource groups >

Create a resource group



Basics

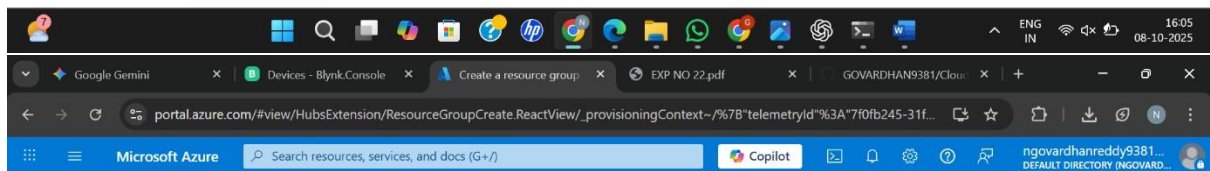
Tags

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](#)

Subscription *	<input type="text" value="Azure for Students"/>
Resource group name *	<input type="text" value="DaaS-RG"/>
Region *	<input type="text" value="(Asia Pacific) East Asia"/>

[Previous](#) [Next](#) [Review + create](#)



Home > Resource groups >

Create a resource group



Basics

Tags

Review + create

[Automation Link](#)

Basics

Subscription	Azure for Students
Resource group name	DaaS-RG
Region	East Asia

Tags

None

[Previous](#) [Next](#) [Create](#)



Home >

Resource groups

Default Directory (ngovardhanreddy9381@gmail996.onmicrosoft.com)

+ Create Manage view Refresh Export to CSV Open query Assign tags Group by none

You are viewing a new version of Browse experience. Click here to access the old experience.

Filter for any field... Subscription equals all Location equals all Add filter

<input type="checkbox"/>	Name ↑	Subscription	Location
<input type="checkbox"/>	DaaS-RG	Azure for Students	East Asia
<input type="checkbox"/>	DefaultResourceGroup-CID	Azure for Students	Central India
<input type="checkbox"/>	DefaultResourceGroup-EA	Azure for Students	East Asia
<input type="checkbox"/>	DefaultResourceGroup-null	Azure for Students	Canada East
<input type="checkbox"/>	IaaS-Demo-RG	Azure for Students	East Asia
<input type="checkbox"/>	MyWebRG	Azure for Students	Central India

Showing 1 - 10 of 11. Display count: auto 1 2 Give feedback

Home > Create a resource >

Marketplace

Get Started

Service Providers

Management

Private Marketplace

Private Offer Management

My Marketplace

Favorites

My solutions

Recently created

Private plans

Categories

database

Pricing: All Operating System: All Publisher Type: All Product Type: All

☐ Azure benefit eligible only

☐ Azure services only

☐ Do not show again

Close

New! Get AI-generated suggestions for 'database' View suggestions

Private Offers are now here

Private Offers have moved. To see your private offers, go to Private Offer management on the left menu.

Oracle Database

Oracle America, Inc.

Virtual Machine

Oracle Database offers market-leading performance, scalability

Oracle Database 19c offers market-leading performance, scalability

Azure Database for MySQL

Microsoft

Azure Service

Managed MySQL database service for app developers

Azure Database for MariaDB

Microsoft

Azure Service

Managed MariaDB database service for app developers

Is Marketplace helpful?

Home > Create a resource > Marketplace >

SQL Database

Microsoft



SQL Database

♥ Add to Favorites

Microsoft | Azure Service

★ 4.4 (2526 ratings)

📄 Azure benefit eligible

Subscription

Azure for Students

Plan

SQL Database

Create

Overview Plans Usage Information + Support Ratings + Reviews

SQL Database is a cloud database service built for application developers that lets you scale on-the-fly without downtime and efficiently deliver your applications. Built-in advisors quickly learn your application's unique characteristics and dynamically adapt to maximize performance, reliability, and data protection.

https://portal.azure.com/#create-a-new-database-in-the-SQL-Database-service.You-can-create-the-database-on-a-new-logical-server-or-on-a-logical-server-that-already-exists-in-your-subscription

Give feedback

Home > Create a resource > Marketplace > SQL Database > Create SQL Database >

Create SQL Database Server

Microsoft

Server details

Enter required settings for this server, including providing a name and location. This server will be created in the same subscription and resource group as your database.

Server name *

mydaasserver123

.database.windows.net

Location *

(US) East US

Authentication

📘 Azure Active Directory (Azure AD) is now Microsoft Entra ID. [Learn more](#)

Select your preferred authentication methods for accessing this server. Create a server admin login and password to

OK

Feedback

Microsoft Azure portal showing the "Create SQL Database" wizard. The wizard is for a Microsoft SQL Database instance named "mydaasdemo" in the "DaaS-RG" resource group, located in the "East Asia" region. The database name is "mydaasdemo" and the server name is "(new) mydaasserver123". The authentication method is "Microsoft Entra-only authentication". The Microsoft Entra Admin is "ngovardhanreddy9381@gmail.com#EXT#@ngovardhanreddy9381gmail996.onmicrosoft.com". The compute and storage configuration is "General Purpose: Standard-series (Gen5), 2 vCores, 32 GB storage, zone redundant disabled". The backup storage redundancy is "Geo-redundant backup storage". The estimated cost per month is 484.26 USD. The networking section shows "Allow Azure services and resources to access this server" set to "No".

Subscription: Azure for Students
Resource group: DaaS-RG
Region: East Asia
Database name: mydaasdemo
Server: (new) mydaasserver123
Authentication method: Microsoft Entra-only authentication
Microsoft Entra Admin: ngovardhanreddy9381@gmail.com#EXT#@ngovardhanreddy9381gmail996.onmicrosoft.com
Compute + storage: General Purpose: Standard-series (Gen5), 2 vCores, 32 GB storage, zone redundant disabled
Backup storage redundancy: Geo-redundant backup storage

Networking
Allow Azure services and resources to access this server: No

Buttons: Create, < Previous, Download a template for automation

Microsoft Azure portal showing the "mydaasdemo (mydaasserver123/mydaasdemo)" SQL database overview. The overview includes a search bar, a list of actions (Copy, Restore, Export, Set server firewall, Delete, Connect with..., Feedback), and a sidebar with navigation links (Overview, Activity log, Tags, Diagnose and solve problems, Query editor (preview), Mirror database in Fabric (preview), Resource visualizer, Settings, Data management, Integrations, Power Platform, Security). The main content area displays the "Essentials" section, which includes the resource group (DaaS-RG), status (Online), location (East Asia), subscription (Azure for Students), and subscription ID (75e1e16e-428e-4402-84c9-4163a4486ab1). The server name is mydaasserver123.database.windows.net, the elastic pool is No elastic pool, and the connection strings are shown. The pricing tier is General Purpose: Gen5, 2 vCores, and the earliest restore point is No restore point available.

mydaasdemo (mydaasserver123/mydaasdemo)
SQL database

Search: [Search]

Actions: Copy, Restore, Export, Set server firewall, Delete, Connect with..., Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Query editor (preview)

Mirror database in Fabric (preview)

Resource visualizer

Settings

Data management

Integrations

Power Platform

Security

Essentials

Resource group (move): DaaS-RG

Status: Online

Location: East Asia

Subscription (move): Azure for Students

Subscription ID: 75e1e16e-428e-4402-84c9-4163a4486ab1

Server name: mydaasserver123.database.windows.net

Elastic pool: No elastic pool

Connection strings: Show database connection strings

Pricing tier: General Purpose: Gen5, 2 vCores

Earliest restore point: No restore point available

Tags (edit)

Microsoft Azure portal interface showing the "Query editor (preview)" for the "mydaasdemo" database. The page title is "mydaasdemo (mydaasserver123/mydaasdemo) | Query editor (preview)". The left sidebar contains navigation links: Overview, Activity log, Tags, Diagnose and solve problems, Query editor (preview), Mirror database in Fabric (preview), Resource visualizer, Settings, Data management, Integrations, Power Platform, and Security. The main content area displays the "Query editor (preview)" tool, which is designed for running SQL queries against Azure SQL Database. It includes a "Welcome to SQL Database Query Editor" message and two authentication options: "SQL server authentication" and "Microsoft Entra authentication". The "SQL server authentication" section shows the "Login" field with the value "CloudSAd1d48228" and the "Password" field. The "Microsoft Entra authentication" section shows a message indicating a connection error: "Reason: An instance-specific error occurred while establishing a connection to SQL Server. Connection was denied because Deny Public Network Access is set to Yes. For more information, see https://go.microsoft.com/fwlink/?linkid=2323206." and a button to "Continue as ngovardhanreddy9381@...".

Microsoft Azure portal interface showing the "Query editor (preview)" for the "mydaasdemo" database. The page title is "mydaasdemo (mydaasserver123/mydaasdemo) | Query editor (preview)". The left sidebar contains navigation links: Overview, Activity log, Tags, Diagnose and solve problems, Query editor (preview), Mirror database in Fabric (preview), Resource visualizer, Settings, Data management, Integrations, Power Platform, and Security. The main content area displays the "Query editor (preview)" tool, which is designed for running SQL queries against Azure SQL Database. It includes a "Welcome to SQL Database Query Editor" message and two authentication options: "SQL server authentication" and "Microsoft Entra authentication". The "SQL server authentication" section shows the "Login" field with the value "mydaasdemo" and the "Password" field. The "Microsoft Entra authentication" section shows a message indicating a connection error: "Reason: An instance-specific error occurred while establishing a connection to SQL Server. Connection was denied because Deny Public Network Access is set to Yes. For more information, see https://go.microsoft.com/fwlink/?linkid=2323206." and a button to "Continue as ngovardhanreddy9381@...".

daasdemo (daasdemo) | Query editor (preview)

SQL database

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

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVAR...

Home > daasdemo (daasdemo) | Query editor (preview)

Overview
Activity log
Tags
Diagnose and solve problems
Query editor (preview)
Mirror database in Fabric (preview)
Resource visualizer
Settings
Data management
Integrations
Power Platform
Security

Query editor (preview) is a tool to run SQL queries against Azure SQL Database in the Azure portal. It is designed for lightweight querying and object exploration in your database. For more information and troubleshooting, [Learn more](#)

Welcome to SQL Database Query Editor

SQL server authentication

Login *

CloudSAf8ae7f09

Password *

OK

Microsoft Entra authentication

Logged in as
ngovardhanreddy9381@gmail.com

OR

Continue as ngovardhanreddy9381@...

Add or remove favorites by pressing Ctrl+Shift+F

daasdemo (daasdemo) | Query editor (preview)

SQL database

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

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVAR...

Home > daasdemo (daasdemo) | Query editor (preview)

Overview
Activity log
Tags
Diagnose and solve problems
Query editor (preview)
Mirror database in Fabric (preview)
Resource visualizer
Settings
Data management
Integrations
Power Platform
Security

daasdemo (ngovardhanreddy9381@gm...)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables
Views
Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor

```
1 SELECT TOP 20 pc. Name as Categoryfiane, p.name as ProductName
2 FROM SalesLT.ProductCategory pc
3 JOIN SalesLT.Product p
4 ON pc.productcategoryid = p.productcategoryid
```

Results Messages

Search to filter items...

Ready

21:45
08-10-2025

daasdemo (demoserverdaas/daasdemo) | Query editor (preview)

SQL database

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

Microsoft Azure

Home > Microsoft.SQLDatabase.newDatabaseNewServer_33eed3bc6d8d4e0faa574 | Overview > daasdemo (demoserverdaas/daasdemo)

daasdemo (ngovardhanreddy9381@gm...)

Showing limited object explorer here. For full capability please click here to open Azure Data Studio.

Tables
Views
Stored Procedures

Query 1

Run Cancel query Save query Export data as Show only Editor

```
1 SELECT TOP 20
2   pc.Name AS CategoryName,
3   p.Name AS ProductName
4 FROM SalesLT.ProductCategory pc
5 JOIN SalesLT.Product p
6 ON pc.ProductCategoryID = p.ProductCategoryID;
```

Results Messages

Search to filter items...

CategoryName	ProductName
Road Frames	HL Road Frame - Black, 58
Road Frames	HL Road Frame - Red, 58

Query succeeded | 0s

22:04 08-10-2025

Resource groups - Microsoft A...

portal.azure.com/#browse/resourcegroups

Search resources, services, and docs (G+)

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DEFAULT DIRECTORY (NGOVAR...

Create a resource

Home

Dashboard

All services

FAVORITES

All resources

Resource groups

App Services

Function App

Azure SQL Database (Azure SQL)

Azure Cosmos DB

Virtual machines

Load balancers

Storage accounts

Virtual networks

Microsoft Entra ID

Virtual machines

Create View

Assign tags

Group by none

Recent resources

laaSVM1
21 hours ago

Windows-Demo-VM
3 days ago

Learn more with Copilot

Free training from Microsoft

Introduction to Azure virtual machines
8 units - 1 hr 7 min

Create a Windows virtual machine in Azure
9 units - 51 min

Create a Linux virtual machine in Azure
7 units - 1 hr 26 min

Subscription

Location

Azure for Students

East Asia

Azure for Students

Central India

Azure for Students

East Asia

Azure for Students

Canada East

Azure for Students

East Asia

Azure for Students

Central India

1 2

Give feedback

portal.azure.com/#blade/Microsoft_Azure_ComputeHub/ComputeHubMenuBlade/virtualMachinesBrowse

Create a virtual machine - Micr...

portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVAR...

Home > Compute infrastructure | Virtual machines >

Create a virtual machine

Help me choose the right VM size for my workload

Help me create a VM optimized for high availability

Help me create a low cost VM

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

Basics

Disks

Networking

Management

Monitoring

Advanced

Tags

Review + create

Create a virtual machine that runs Linux or Windows. Select an image from Azure marketplace or use your own customized image. Complete the Basics tab then Review + create to provision a virtual machine with default parameters or review each tab for full customization. [Learn more](#)

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure for Students

Resource group Loading...

< Previous

Next : Disks >

Review + create

Give feedback

8

Windows

Search

File Explorer

Edge

Chrome

HP

Google

WhatsApp

Word

PowerShell

Visual Studio Code

ENG IN

08:34

09-10-2025

Create a virtual machine - Micr

portal.azure.com/#create/Microsoft.VirtualMachine-ARM

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVAR...

Home > Compute infrastructure | Virtual machines >

Create a virtual machine

Help me choose the right VM size for my workload

Help me create a VM optimized for high availability

Help me create a low cost VM

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

Confirm password *

Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports *

☐ None

☒ Allow selected ports

Select inbound ports *

RDP (3389)

⚠ This will allow all IP addresses to access your virtual machine. This is only recommended for testing. Use the Advanced controls in the Networking tab to create rules to limit inbound traffic to known IP addresses.

< Previous

Next : Disks >

Review + create

Give feedback

Create a virtual machine - Micr

portal.azure.com/#create/Microsoft.VirtualMachine

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVAR...

Home >

Create a virtual machine

Help me create a VM optimized for high availability

Help me create a low cost VM

Help me choose the right VM size for my workload

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

Basics

Disks

Networking

Management

Monitoring

Advanced

Tags

Review + create

Price

1 X Standard B1s
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ

0.0186 USD/hr

[Pricing for other VM sizes](#)

TERMS

By clicking "Create", I (a) agree to the legal terms and privacy statement(s) associated with the Marketplace offering(s) listed above; (b) authorize Microsoft to bill my current payment method for the fees associated with the offering(s), with the same

< Previous

Next >

Create

Download a template for automation

Give feedback

portal.azure.com/view/HubsExtension/DeploymentDetailsBlade/~/overview/id/%2Fsubscriptions%2F75e16e-428e-4402-84c9-4163a448...

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVARD...

Home >

CreateVm-MicrosoftWindowsServer.WindowsServer-202-20251009084358 | Overview

Deployment

Search

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

Deployment succeeded

Deployment 'CreateVm-MicrosoftWindowsServer-20251009084358' to resource group 'DaaS-RG' was successful.

Go to resource Pin to dashboard

Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer... Start time: 10/9/2025, 8:45:38 AM

Subscription: Azure for Students Correlation ID: 01bfd247-8131-47c6-b4

Resource group: DaaS-RG

Deployment details

Next steps

Setup auto-shutdown Recommended

Monitor VM health, performance and network dependencies Recommended

Run a script inside the virtual machine Recommended

Go to resource Create another VM

Give feedback

Tell us about your experience with deployment

Cost Management

Get notified to stay within your budget and prevent unexpected charges on your bill.

Set up cost alerts >

Microsoft Defender for Cloud

Secure your apps and infrastructure

Go to Microsoft Defender for Cloud >

Free Microsoft tutorials

Start learning today >

Windows-Demo-VM - Microsoft

portal.azure.com/#@ngovardhanreddy9381gmail1996.onmicrosoft.com/resource/subscriptions/75e16e-428e-4402-84c9-4163a4486ab1/re...

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVARD...

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20251009084358 | Overview >

Windows-Demo-VM

Virtual machine

Search

Windows-Demo-VM virtual machine agent status is not ready. Troubleshoot the issue ->

Help me copy this VM in any region

Manage this VM with Azure CLI

Connect Start Restart Stop Hibernate Capture Delete Refresh Open in mobile Feedback

Stop

Essentials

JSON View

Properties Monitoring Capabilities (8) Recommendations Tutorials

Virtual machine

Computer name Windows-Demo-VM

Operating system Windows

VM generation V2

VM architecture x64

Agent status Not Ready

Agent version Unknown

Networking

Public IP address 20.235.210 (Network interface windows-demo-vm717_x1)

1 associated public IPs

Public IP address (IPv6) -

Private IP address 10.2.0.4

Private IP address (IPv6) -

Windows-Demo-VM - Microsoft

portal.azure.com/#@ngovardhanreddy9381gmail996.onmicrosoft.com/resource/subscriptions/75e1e16e-428e-4402-84c9-4163a4486ab1/re...

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVARD...

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20251009084358 | Overview >

Windows-Demo-VM

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Resource visualizer

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Windows-Demo-VM virtual machine agent status is not ready. Troubleshoot the issue →

Help me copy this VM in any region

Connect

Start

Restart

Stop

Hibernate

Capture

Delete

Refresh

Open in mobile

Feedback

...

Image

Restore p

Image

JSON View

Essentials

Properties

Monitoring

Capabilities (8)

Recommendations

Tutorials

Virtual machine

Computer name

Windows-Demo-VM

Operating system

Windows

VM generation

V2

VM architecture

x64

Agent status

Not Ready

Agent version

Unknown

Networking

Public IP address

20.2.235.210 (Network interface windows-demo- vm717_z1)

1 associated public IPs

Public IP address (IPv6)

-

Private IP address

10.2.0.4

Private IP address (IPv6)

-

Virtual network (vnet) - Microsoft Windows Server-2022-20251009084358

Virtual network (vnet) - Microsoft Windows Server-2022-20251009084358

Create a VM image definition

portal.azure.com/#view/Microsoft_Azure_DiskMgmt/CaptureVmBlade/subscriptionsId/75e1e16e-428e-4402-84c9-4163a4486ab1/resourceGr...

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVARD...

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20251009084358 | Overview >

Create an image

Operating system state

General: VMs created from other VM related settings

Specialized: VMs created from scratch require parameters

Capturing a virtual machine image will make the virtual machine unavailable.

Target VM image definition *

Create a VM image definition

Create new

The value must not be empty.

Version details

Version number *

Example: 0.0.1, 15.35.0

The value must not be empty.

The VM image version must be in the format. For example: 0.0.1, 15.35.0

Review + create

< Previous

Next: Tags >

Ok

Cancel

Create a VM image definition

Security type

Trusted launch

VM architecture

x64

Arm64

Higher storage performance with NVMe

Hibernation supported

Accelerated networking

Publisher *

MicrosoftWindowsServer

Offer *

WindowsServer

SKU *

2022-datacenter-azure-edition

Publishing options (Optional)

Ok

Create an image - Microsoft A... x +

portal.azure.com/#view/Microsoft_Azure_DiskMgmt/CaptureVmBlade/subscriptionId/75e16e-428e-4402-84c9-4163a4486ab1/resourceGr...

Microsoft Azure Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVAR...

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-202-20251009084358 | Overview > Windows-Demo-VM >

Create an image

Validation passed

Basics Tags Review + create

Basics

Subscription	Azure for Students
Resource group	DaaS-RG
Region	East Asia
Share image to Azure compute gallery	Yes
Automatically delete this virtual machine after creating the image	No
Azure compute gallery	(new) daasvmimage
Operating system state	Generalized
Target VM image definition	(new) daasvmimage

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

Microsoft.Compute-CaptureVM x +

portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~ /overview/id/%2Fsubscriptions%2F75e16e-428e-4402-84c9-4163a448...

Microsoft Azure Search resources, services, and docs (G+)

Copilot

ngovardhanreddy9381...
DEFAULT DIRECTORY (NGOVAR...

Home >

Microsoft.Compute-CaptureVM-20251009084813 | Overview

Deployment

Search Delete Cancel Redeploy Download Refresh

Overview

- Inputs
- Outputs
- Template

Deployment is in progress

Deployment name : Microsoft.Compute-CaptureV... Start time : 10/9/2025, 8:55:04 AM
Subscription : Azure for Students Correlation ID : e4c49a93-0156-43d1-b853-3b...
Resource group : DaaS-RG

Deployment details

Resource	Type	Status	Operation
daasvmimage	Azure compute gallery	Created	Operation

Microsoft Defender for Cloud
Secure your apps and infrastructure
Go to Microsoft Defender for Cloud >

Free Microsoft tutorials
Start learning today >

Work with an expert
Azure experts are service provider partners who can help manage your assets on Azure and be your first line of support.
Find an Azure expert >

Add or remove favorites by pressing Ctrl+Shift+F

The top screenshot displays the Azure portal interface for a deployment named "Microsoft.Compute-CaptureVM-20251009084813". The deployment is marked as "Complete" with a green checkmark. Key details include: Deployment name: Microsoft.Compute-CaptureV..., Subscription: Azure for Students, Resource group: DaaS-RG, Start time: 10/9/2025, 8:55:08 AM, and Correlation ID: e4c49a93-0156-43d1-b853-3b... The page includes a sidebar with navigation options like Overview, Inputs, Outputs, and Template. A right-hand panel offers suggestions for Cost management, Microsoft Defender for Cloud, and Free Microsoft tutorials.

The bottom screenshot shows the Azure portal interface for a VM image version named "1.0.0 (daasvmimage/daasvmimage/1.0.0)". The page displays various configuration details under the "Essentials" section, including: Resource group (DaaS-RG), Status (Succeeded), Location (East Asia), Subscription (Azure for Students), Subscription ID (75e1e16e-428e-4402-84c9-4163a4486ab1), Azure compute gallery (daasvmimage), VM image definition (daasvmimage), Replication status (Completed), Replication mode (Full), Confidential OS disk encryption type (-), Encryption type (Platform-managed key), End of life date (-), Exclude from latest (No), and Lock deleting Replicated Locations (Yes). The page also includes a sidebar with navigation options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Resource visualizer, Settings, Automation, and Help.

Result:

Successfully created and configured a VM Image to demonstrate Database as a Service (DaaS) in Azure.