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Home > Virtual machines >

Create a virtual machine

OS disk

OS disk size Image default (30 GiB)

OS disk type * Premium SSD (locally-redundant storage)

Delete with VM ☒

Key management Platform-managed key

Enable Ultra Disk compatibility ☐
Ultra disk is not supported with selected security type.

Data disks for prasad

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching	Delete with VM
-----	------	------------	-----------	--------------	----------------

[Create and attach a new disk](#) [Attach an existing disk](#)

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Home > Virtual machines >

Create a virtual machine

OS disk

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Data disks for prasad

You can add and configure additional data disks for your virtual machine or attach existing disks. This VM also comes with a temporary disk.

LUN	Name	Size (GiB)	Disk type	Host caching	Delete with VM
0	prasad_DataDisk_0	32	Premium SSD LRS	Read-only	<input checked="" type="checkbox"/>

Create and attach a new diskAttach an existing disk

Review + create

< Previous

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Home > Virtual machines >

Create a virtual machine

Validation passed

Basics

Disks

Networking

Management

Monitoring

Advanced

Tags

Review + create

Cost given below is an estimate and not the final price. Please use [Pricing calculator](#) for all your pricing needs.

Price

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Subscription credits apply
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Create a virtual machine

Validation passed

Basics Disks Networking Management Monitoring Advanced Tags **Review + create**

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Generate new key pair

An SSH key pair contains both a public key and a private key. **Azure doesn't store the private key.** After the SSH key resource is created, you won't be able to download the private key again. [Learn more](#)

[Download private key and create resource](#)

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CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104101413 | Overview

Deployment

Deployment is in progress

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 4/11/2023, 10:18:39 am
Subscription: Azure for Students Correlation ID: 442af678-a559-417a-a417-324344000ab

Resource group: prasad

Resource	Type	Status	Operation details
prasad	Microsoft.Compute/virtualMachines	Created	Operation details
prasad530	Microsoft.Network/networkInterfa...	Created	Operation details
prasad_DataDisk_0	Microsoft.Compute/disks	OK	Operation details
prasad-vnet	Microsoft.Network/virtualNetworks	OK	Operation details
prasad-nsg	Microsoft.Network/networkSecuri...	OK	Operation details
prasad-ip	Microsoft.Network/publicIpAddres...	OK	Operation details

Give feedback
[Tell us about your experience with deployment](#)

Deployment succeeded

Deployment 'CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104101413' to resource group 'prasad' was successful.

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Microsoft Azure portal showing the deployment status of a virtual machine. The deployment is complete.

CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104101413 | Overview

Deployment

Search

Overview

Inputs

Outputs

Template

Your deployment is complete

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 4/11/2023, 10:18:39 am
Subscription: Azure for Students Correlation ID: 442af678-a559-417a-a417-32434f4000ab

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

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Microsoft Azure portal showing the SSH configuration for a virtual machine. The configuration is in progress.

SSH using Azure CLI

Connect from the Azure portal

Connect from your local machine

1 Configure prerequisites for SSH using Azure CLI

Azure needs to configure some features in order to connect to the VM.

Validating prerequisites before configuration

- System assigned managed identity
- Azure AD SSH Login Extension
- Virtual machine user or administrator login
- Port 22 access
- Public IP address: 20.219.113.149

Validating...

Close Troubleshooting Give feedback

prasad | Connect

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

- Networking
- Connect
- Disks
- Size
- Microsoft Defender for Cloud
- Advisor recommendations
- Extensions + applications
- Availability + scaling
- Configuration
- Identity

Refresh Troubleshooting More Options Feedback

Connecting using

Public IP address | 20.219.113.149

Admin username : azureuser

Port (change) : 22 Check access

Just-in-time policy : Unsupported by plan

Recommended

SSH using Azure CLI

Quickly connect in browser. Supports Azure AD authentication. Private key not required.

Public IP address (20.219.113.149)

Select

Most common

Native SSH

No additional software needed. Private key required. Best for those with existing SSH tools.

Public IP address (20.219.113.149)

Select

More ways to connect (3)

SSH using Azure CLI - Microsoft

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prasad | Connect

Virtual machine

Search

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Connecting using Public IP address | 20.219.113.149

Admin username : azureuser

Port (change) : 22 Check access

Just-in-time policy : Unsupported by plan

Recommended Most common

SSH using Azure CLI

Connect from the Azure portal

Connect from your local machine

1 Configure prerequisites for SSH using Azure CLI

Azure needs to configure some features in order to connect to the VM.

- Prerequisites configured
- System assigned managed identity
- Azure will configure a system-assigned managed identity in order to enable the Azure AD login extension. [Learn more](#)
- Azure AD SSH Login Extension

Close Troubleshooting Give feedback

Welcome to Azure Cloud Shell

Select Bash or PowerShell. You can change shells any time via the environment selector in the Cloud Shell toolbar. The most recently used environment will be the default for your next session.

Bash PowerShell

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Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231104101413 | Overview > prasad

prasad | Connect

Virtual machine

Search

Refresh Troubleshooting More Options Feedback

Connecting using Public IP address | 20.219.113.149

Admin username : azureuser

Port (change) : 22 Check access

Just-in-time policy : Unsupported by plan

Recommended Most common

SSH using Azure CLI

Connect from the Azure portal

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- Azure AD SSH Login Extension

Close Troubleshooting Give feedback

Bash

Requesting a Cloud Shell. Succeeded.

Connecting terminal...

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