

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

Basics

Subscription	Azure subscription 1
Resource group	dev-resources
Virtual machine name	devops-bot
Region	East US
Availability options	Availability zone
Zone options	Self-selected zone
Availability zone	1
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Ubuntu Server 24.04 LTS - Gen2
VM architecture	x64
Size	Standard DC1s v2 (1 vcpu, 4 GiB memory)
Enable Hibernation	No
Authentication type	SSH public key
Username	azureuser
SSH Key format	RSA
Key pair name	devops-bot_key
Public inbound ports	SSH
Azure Spot	No

Estimated monthly costs ⓘ

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.

Give feedback about your estimate experience

> Basics	\$70.08
> Disks	\$5.28
> Networking	\$3.65
> Management	\$0.00
> Monitoring	\$0.00
> Advanced	\$0.00
Estimated monthly cost	\$79.01

< Previous

Next >

Create

Download a template for automation Give feedback

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

Basics

Subscription	Azure subscription 1
Resource group	dev-resources
Virtual machine name	devops-bot
Region	East US
Availability options	Availability zone
Zone options	Self-selected zone
Availability zone	1
Security type	Trusted launch virtual machines
Enable secure boot	Yes
Enable vTPM	Yes
Integrity monitoring	No
Image	Ubuntu Server 24.04 LTS - Gen2
VM architecture	x64
Size	Standard DC1s v2 (1 vcpu, 4 GiB memory)
Enable Hibernation	No
Authentication type	SSH public key
Username	azureuser
SSH Key format	RSA
Key pair name	devops-bot_key
Public inbound ports	SSH
Azure Spot	No

Estimated monthly costs ⓘ

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.

Give feedback about your estimate experience

> Basics	\$70.08
> Disks	\$5.28
> Networking	\$3.65
> Management	\$0.00
> Monitoring	\$0.00
> Advanced	\$0.00
Estimated monthly cost	\$79.01

< Previous

Next >

Create

Download a template for automation Give feedback

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

Return to create a virtual machine

Download private key and create resource

Home > devops-bot

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Networking

Settings

Availability + scale

Security

Backup + disaster recovery

Operations

Monitoring

Automation

Help

devops-bot 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 CLI / PS

Essentials

Resource group (move) : dev-resources

Status : Running

Location : East US (Zone 1)

Subscription (move) : Azure subscription 1

Subscription ID : 5e7baa84-20ea-4762-8f20-92d98af9fe3e

Availability zone : 1

Tags (edit) : Add tags

Operating system : Linux

Size : Standard DC1s v2 (1 vcpu, 4 GiB memory)

Public IP address : 172.210.40.225

Virtual network/subnet : my-vnet/my-subnet

DNS name : Not configured

Health state : -

Time created : 27/01/2025, 09:13 UTC

JSON View

Properties Monitoring Capabilities (7) Recommendations Tutorials

Virtual machine

Computer name : devops-bot

Operating system : Linux

VM generation : V2

VM architecture : x64

Agent status : Not Ready

Agent version : Unknown

Hibernation : Disabled

Networking

Public IP address : 172.210.40.225 (Network interface devops-bot25_1)

Public IP address (IPv6) : -

Private IP address : 10.0.1.4

Private IP address (IPv6) : -

Virtual network/subnet : my-vnet/my-subnet

DNS name : Configure

Size

Home > devops-bot

devops-bot | Connect

Virtual machine

Search

Refresh Troubleshoot More Options Feedback

Connecting using

Public IP address | 172.210.40.225

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 Microsoft Entra ID authentication. Private key not required.

Public IP address (172.210.40.225)

Select

Most common

Native SSH

No additional software needed. Private key connection. Best for those with existing SSH client.

Public IP address (172.210.40.225)

Select

More ways to connect (3)

Native SSH

Connect from your local machine (Windows)

1 Configure prerequisites for Native SSH

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

✓ Prerequisites configured

✓ Port 22 access

Port 22 on this virtual machine is accessible from the local machine IP (5.100.7.157). Learn more

Change the port for connecting to this virtual machine on the Connect page of the virtual machine.

✓ Public IP address: 172.210.40.225

A public IP address is required to connect via this connection method.

Configured

2 Open a local shell (on Windows)

Open Terminal (Windows 11), PowerShell (Windows 10 or less), or a shell of your choice. Or switch the local machine OS above to view more instructions.

3 Copy and execute SSH command

Provide a path to your SSH private key file on your local machine.

~/ssh/id_rsa.pem

Can't find your private key? Reset your SSH private key

SSH to VM with specified private key.

ssh -i ~/ssh/id_rsa.pem azureuser@172.210.40.225

Other Information

Using a Linux subsystem like WSL or Ubuntu on Terminal?

Copy your private key path to the Linux subsystem and ensure it has the correct read-only access.

Move your private key to the Linux subsystem. Use chmod to assign read-only access, then SSH.

Close Troubleshooting Give feedback

Log in to your Azure portal, generate a credential with the rights permission and download the JSON file save it into your DOB instance

```

root@demo:~# ls
DOB-Installation-Package  role-assignment.json  snap
root@demo:~# dob azure config --help
Usage: dob azure config [OPTIONS]

    Configure Azure credentials for the DevOps-bot tool.

Options:
  --file-path TEXT  Path to the Azure JSON credentials file. [required]
  --help            Show this message and exit.
root@demo:~# dob azure config --file-path role-assignment.json
Azure credentials saved successfully.
Azure credentials configured successfully.
root@demo:~# vim subnet.yaml
root@demo:~# cat subnet.yaml
resources:
  subnets:
    - name: my-subnet-2
      region: eastus
      resource_group: dev-resources
      vnet_name: my-vnet
      address_prefix: 10.0.1.0/24
      tags:
        - key: environment
          value: development
        - key: project
          value: azure-automation

```

```

root@demo:~# █

```

Home > dev-resources > my-vnet

my-vnet | Subnets

Virtual network

Search

+ Subnet

Refresh

Manage users

Delete

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Address space

Connected devices

Subnets

Bastion

DDoS protection

Firewall

Microsoft Defender for Cloud

Network manager

DNS servers

Peerings

Service endpoints

Private endpoints

Properties

Locks

Monitoring

Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet.

Search subnets

<input type="checkbox"/>	Name ↑	IPAM Pool	IPv4	IPv6	Available IPs	Delegated to	Security group	Route table		
<input type="checkbox"/>	my-subnet	-	10.0.1.0/24	-	249	-	-	-		

Give feedback

```
root@demo:~# doo azure screenplay subnet.yaml
Validating and linting variables...
All validations and linting checks passed successfully!
Reviewing Subnets...

Final Review of All Actions:
+-----+
| | Category | Value |
+-----+
| + | Subnet | Subnet 1 |
+-----+
| + | Name | my-subnet-2 |
+-----+
| + | Region | eastus |
+-----+
| + | Address Prefix | 10.0.2.0/24 |
+-----+
| + | VNet Name | my-vnet |
+-----+
| + | Resource Group | dev-resources |
+-----+
| + | Tags | [{ 'key': 'environment', 'value': 'development' }, { 'key': 'project', 'value': 'azure-automation' }] |
+-----+

Do you want to proceed with executing these actions? [Y/n]: y
Proceeding with the actions... (Execution ID: 7027cb7f-c6d3-4762-a852-b3079744bea7)

Processing Subnet 'my-subnet-2' under VNet 'my-vnet'...
Subnet 'my-subnet-2' created successfully with ID: /subscriptions/1a4762-8f20-92d98af9fe3e/resourceGroups/dev-resources/providers/Microsoft.Network/virtualNetworks/my-vnet/subnets/my-subnet-2
Execution state saved to: /etc/devops-bot/state_files/df330a17-2d07-4c78-8701-f62ab2876eaf.yml
Execution complete. State saved to: /etc/devops-bot/state_files/df330a17-2d07-4c78-8701-f62ab2876eaf.yml (Execution ID: 7027cb7f-c6d3-4762-a852-b3079744bea7)
Execution completed. (Execution ID: 7027cb7f-c6d3-4762-a852-b3079744bea7)

root@demo:~#
```

Home > my-vnet

my-vnet | Subnets ☆ ...

Virtual network

Search

+ Subnet Refresh Manage users Delete

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Address space

Create subnets to segment the virtual network address space into smaller ranges for use by your applications. When you deploy resources into a subnet, Azure assigns the resource an IP address from the subnet.

Search subnets

<input type="checkbox"/>	Name ↑	IPAM Pool	IPv4	IPv6	Available IPs	Delegated to	Security group	Route table	
<input type="checkbox"/>	my-subnet	-	10.0.1.0/24	-	249	-	-	-	
<input type="checkbox"/>	my-subnet-2	-	10.0.2.0/24	-	251	-	-	-	