

Experiment - 12 - CREATE A RESOURCE GROUP

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Create a virtual machine

Resource group * (New) Allen
[Create new](#)

Instance details

Virtual machine name * cloud1 ✓

Region * (Asia Pacific) Australia East

Availability options Availability zone

Availability zone * Zones 1
☒ You can now select multiple zones. Selecting multiple zones will create one VM per zone. [Learn more](#)

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Create a virtual machine

Security type Trusted launch virtual machines
[Configure security features](#)

Image * Ubuntu Server 20.04 LTS - x64 Gen2
[See all images](#) [Configure VM generation](#)

VM architecture ☐ Arm64 ☒ x64

Run with Azure Spot discount ☐

Size * Standard_D2s_v3 - 2 vcpus, 8 GiB memory (₹7,166.27/month)
[See all sizes](#)

Enable Hibernation (preview) ☐

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Create a virtual machine

Administrator account

Authentication type

☒ SSH public key

☐ Password

1

Azure now automatically generates an SSH key pair for you and allows you to store it for future use. It is a fast, simple, and secure way to connect to your virtual machine.

Username *

azureuser

SSH public key source

Generate new key pair

Key pair name *

cloud1_key

Inbound port rules

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Create a virtual machine

Key pair name

cloud1_key

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 *

SSH (22)

1

All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

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Create a virtual machine

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 cloud1

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	cloud1_DataDisk_0	32	Premium SSD LRS	Read-only	<input type="checkbox"/>

Create and attach a new disk

Attach an existing disk

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Deployment

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Template

✓ Your deployment is complete

Deployment name: CreateVm-canonical.0001-c-...

Subscription: [Azure for Students](#)

Resource group: [Allen](#)

Start time: 11/14/2023, 9:28:31 ...

Correlation ID: 60e89821-6061-4a

Deployment details

Next steps

Setup auto-shutdown Recommended

Monitor VM health, performance and network dependencies Recommended

Run a script inside the virtual machine Recommended

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