

## Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

Immu01/CSA-1567

ChatGPT

Create a virtual machine - Mi

Internet Speed Test | Fast.co

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

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

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Home > Virtual machines >

Create a virtual machine

Basics Disks Networking Management Monitoring Advanced Tags Review + create

Configure management options for your VM.

Microsoft Defender for Cloud

Microsoft Defender for Cloud provides unified security management and advanced threat protection across hybrid cloud workloads. [Learn more](#)

✔ Your subscription is protected by Microsoft Defender for Cloud basic plan.

Identity

Enable system assigned managed identity ☐

To enable system-assigned managed identity, change your orchestration mode to Uniform on the Basics tab

Microsoft Entra ID

Login with Microsoft Entra ID ☐

RBAC role assignment of Virtual Machine Administrator Login or Virtual Machine User Login is required when using Microsoft Entra ID login. [Learn more](#)

Microsoft Entra ID login now uses SSH certificate-based authentication. You will need to use an SSH client that supports OpenSSH certificates. You can use Azure CLI or Cloud Shell from the Azure Portal. [Learn more](#)

< Previous Next: Monitoring > Review + create

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Configure monitoring options for your VM.

Alerts

Enable recommended alert rules ☐

Diagnostics

Boot diagnostics ☒ Enable with managed storage account (recommended)  
☐ Enable with custom storage account  
☐ Disable

Enable OS guest diagnostics ☐

Health

Enable application health monitoring ☐

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Add additional configuration, agents, scripts or applications via virtual machine extensions or cloud-init.

Extensions

Extensions provide post-deployment configuration and automation.

Extensions [Select an extension to install](#)

VM applications

VM applications contain application files that are securely and reliably downloaded on your VM after deployment. In addition to the application files, an install and uninstall script are included in the application. You can easily add or remove applications on your VM after create. [Learn more](#)

[Select a VM application to install](#)

Custom data and cloud init

Pass a cloud-init script, configuration file, or other data into the virtual machine **while it is being provisioned**. The data will be saved on the VM in a known location. [Learn more about custom data for VMs](#)

Custom data

< Previous

Next : Tags >

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Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more about tags](#)

Note that if you create tags and then change resource settings on other tabs, your tags will be automatically updated.

Name	Value	Resource
aaaa	: 15	All resources
<input type="text" value="bbbb"/>	: <input type="text" value="15"/>	13 selected
<input type="text"/>	: <input type="text"/>	13 selected

< Previous

Next : Review + create >

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# Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

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

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## 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

1 X Standard E2s v3 by Microsoft  
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply  
**11.3977 INR/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 billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. See the [Azure Marketplace Terms](#) for additional details.

Name: Imran Shaik

Preferred e-mail address: shaikimrans1235.sse@saveetha.com

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Immu01/CSA-1567 x ChatGPT x CreateVm-canonical.0001-com-ubuntu-server-focal-2-20240319141503 x Internet Speed Test | Fast.co x +

portal.azure.com/#view/HubsExtension/DeploymentDetailsBlade/~/overview/id%2Fsubscriptions%2F1715f29d-75a2-463e-afb2-6df6cb91db89%2Fres... Microsoft Azure Search resources, services, and docs (G+)

Home >

## CreateVm-canonical.0001-com-ubuntu-server-focal-2-20240319141503 | Overview

Deployment

Search << Delete Cancel Redeploy Download Refresh

Overview Inputs Outputs Template

Deployment is in progress

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f... Start time: 19/3/2024, 2:18:43 pm  
Subscription: [Azure for Students](#) Correlation ID: 2e5c13d5-3fcc-433e-82df-ab2cfc3ced02  
Resource group: [ResourceGroup\\_4\\_14](#)

Deployment details

Resource	Type	Status	Operation details
No results.			

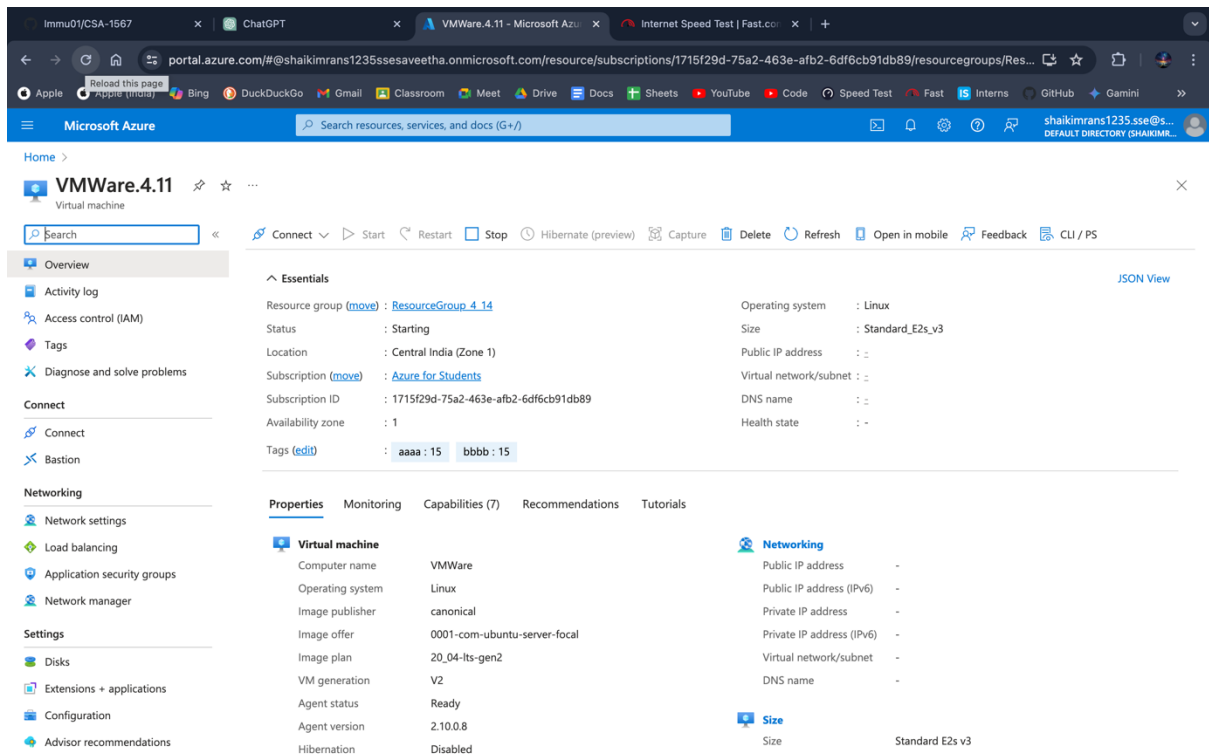
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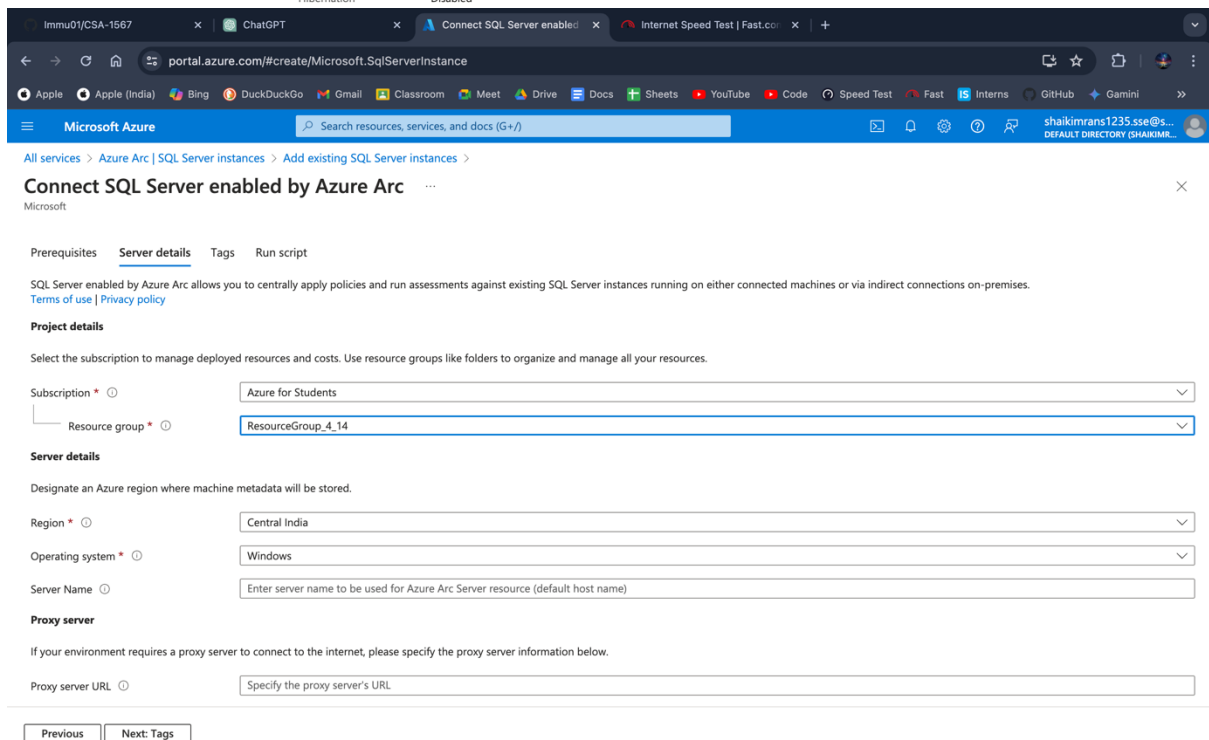
## Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.



The screenshot shows the Microsoft Azure portal interface for a virtual machine named 'VMWare.4.11'. The page is divided into several sections:

- Overview:** Contains a search bar and a list of actions: Connect, Start, Restart, Stop, Hibernate (preview), Capture, Delete, Refresh, Open in mobile, Feedback, and CLI / PS.
- Essentials:** Displays key information about the VM:
  - Resource group: [ResourceGroup\\_4\\_14](#)
  - Status: Starting
  - Location: Central India (Zone 1)
  - Subscription: [Azure for Students](#)
  - Subscription ID: 1715f29d-75a2-463e-afb2-6df6cb91db89
  - Availability zone: 1
  - Tags: [aaaa : 15](#), [bbbb : 15](#)
  - Operating system: Linux
  - Size: Standard\_E2s\_v3
  - Public IP address: -
  - Virtual network/subnet: -
  - DNS name: -
  - Health state: -
- Properties:** A table listing VM details:

Property	Value
Computer name	VMWare
Operating system	Linux
Image publisher	canonical
Image offer	0001-com-ubuntu-server-focal
Image plan	20_04-lts-gen2
VM generation	V2
Agent status	Ready
Agent version	2.10.0.8
Hibernation	Disabled
- Networking:** Shows network configuration details like Public IP address, Private IP address, and Virtual network/subnet.
- Size:** Shows the current size of the VM as Standard E2s v3.



The screenshot shows the 'Connect SQL Server enabled by Azure Arc' page in the Microsoft Azure portal. The page is divided into several sections:

- Prerequisites:** A section with a link to 'Terms of use | Privacy policy'.
- Project details:** A section with a description: 'Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.' It includes two dropdown menus: 'Subscription' (set to 'Azure for Students') and 'Resource group' (set to 'ResourceGroup\_4\_14').
- Server details:** A section with a description: 'Designate an Azure region where machine metadata will be stored.' It includes three dropdown menus: 'Region' (set to 'Central India'), 'Operating system' (set to 'Windows'), and 'Server Name' (with a placeholder text 'Enter server name to be used for Azure Arc Server resource (default host name)').
- Proxy server:** A section with a description: 'If your environment requires a proxy server to connect to the internet, please specify the proxy server information below.' It includes a text field for 'Proxy server URL' with a placeholder text 'Specify the proxy server's URL'.

# Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

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

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All services > SQL databases >

## Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags **Review + create**

**Product details**

SQL database by Microsoft  
[Terms of use](#) | [Privacy policy](#)

**Estimated cost**  
Storage cost 453.72 INR / month + Compute cost 0.013263 INR / vCore second

**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 billing frequency as my Azure subscription; and (c) agree that Microsoft may share my contact, usage and transactional information with the provider(s) of the offering(s) for support, billing and other transactional activities. Microsoft does not provide rights for third-party offerings. For additional details see [Azure Marketplace Terms](#).

**Basics**

Subscription	Azure for Students
Resource group	NetworkWatcherRG
Region	Central India
Database name	Database
Server	(new) server1-11
Authentication method	Microsoft Entra-only authentication

Microsoft Entra Admin. Azure Admin

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## Create SQL Database

Microsoft

Basics **Networking** Security Additional settings Tags Review + create

Configure network access and connectivity for your server. The configuration selected below will apply to the selected server 'server1-11' and all databases it manages. [Learn more](#)

**Network connectivity**

Choose an option for configuring connectivity to your server via public endpoint or private endpoint. Choosing no access creates with defaults and you can configure connection method after server creation. [Learn more](#)

Connectivity method \*

☒ No access  
☐ Public endpoint  
☐ Private endpoint

**Connection policy**

Configure how clients communicate with your SQL database server. [Learn more](#)

Connection policy

☒ Default - Uses Redirect policy for all client connections originating inside of Azure (except Private Endpoint connections) and Proxy for all client connections originating outside Azure  
☐ Proxy - All connections are proxied via the Azure SQL Database gateways  
☒ Redirect - Clients establish connections directly to the node hosting the database

**Encrypted connections**

**Review + create** < Previous Next: Security >

# Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

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All services > SQL databases >

## Create SQL Database

Microsoft

Basics Networking Security Additional settings Tags Review + create

**Microsoft Defender for SQL**

Protect your data using Microsoft Defender for SQL, a unified security package including vulnerability assessment and advanced threat protection for your server. [Learn more](#)

Get started with a 30 day free trial period, and then 1247.9202 INR/server/month.

Enable Microsoft Defender for SQL ☐ Start free trial ☒ Not now

**Ledger**

Ledger cryptographically verifies the integrity of your data and detects any tampering that might have occurred. [Learn more](#)

Ledger **Configured** [Configure ledger](#)

**Server identity**

Use system assigned and user assigned managed identities to enable central access management between this database and other Azure resources. [Learn more](#)

Server identity **Not enabled** [Configure Identities](#)

[Review + create](#) < Previous Next: Additional settings >

Immu01/CSA-1567 x ChatGPT x Database (server1-11/Database) x Internet Speed Test | Fast.co x +

portal.azure.com/#@shaikimrans1235.sse@s.../resource/subscriptions/1715f29d-75a2-463e-afb2-6df6cb91db89/resourceGroup...

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All services > Microsoft.SQLDatabase.newDatabaseNewServer\_d3b5b7b7Cscd435f8cedc | Overview >

## Database (server1-11/Database)

SQL database

Search << Copy Restore Export Set server firewall Delete Connect with... Feedback

Overview Activity log Tags Diagnose and solve problems Query editor (preview) Settings Compute + storage Connection strings Properties Locks Data management Replicas Sync to other databases Integrations Azure Synapse Link Stream analytics (preview) Add Azure AI Search Power Platform

Essentials

Resource group (move) : [NetworkWatcherRG](#)

Status : Online

Location : Central India

Subscription ID : [1715f29d-75a2-463e-afb2-6df6cb91db89](#)

Tags (edit) : as : 10 aa : 5

Server name : [server1-11.database.windows.net](#)

Connection strings : [Show database connection strings](#)

Pricing tier : [General Purpose - Serverless: Gen5, 1 vCore](#)

Auto-pause delay : 1 hour

Earliest restore point : No restore point available

Getting started Monitoring Properties Features Notifications (0) Integrations Tutorials

### Start working with your database

Connect to your database and start working with data with a few simple steps. [Learn more](#)

**Configure access**  
Configure network access to your SQL server. [Learn more](#)

[Configure](#)

**Connect to application**  
Use connection strings to connect to your SQL database from your applications and favorite tools.

[See connection strings](#)

**Start developing**  
Work in your database by using tools to add, modify and query data. [Compare tools](#)

[Open Azure Data Studio](#)

[Open in Visual Studio](#)