



2024.3.206



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ENG 4:06 AM
5/21/2025



Gokul | Connect

Virtual machine

- Overview
- Activity log
- Access control (IAM)
- Logs
- Diagnose and solve problems
- Resource visualization
- Connect

Connect

Additional resources by pressing Ctrl+Shift+F

Switch to PowerShell Restart Manage files New session Editor Web preview Settings Help

```
saravana [ / ] $ cd ~
saravana [ ~ ] $ ls
gokul
saravana [ ~ ] $ mkdir gokul
saravana [ ~ ] $ cd gokul
saravana [ ~/gokul ] $ touch gokul.txt
saravana [ ~/gokul ] $ rm gokul.txt
saravana [ ~/gokul ] $ cd /
saravana [ / ] $ cd ~
saravana [ ~ ] $ mkdir gokul/
saravana [ ~ ] $ ls
saravana [ ~ ] $
```

Local machine Azure portal

SSH using Azure CLI

Quickly connect in browser. Supports Microsoft Entra ID authentication. Private key not required.
Public IP address (4.247.145.241)

Select



Local machine

Native SSH

No additional software needed. Private key connections. Best for those with existing SSH.
Public IP address (4.247.145.241)

Select

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 Microsoft Entra ID login extension. [Learn more](#)

Microsoft Entra ID SSH Login Extension

The Microsoft Entra ID based SSH Login extension will securely connect to the VM using Microsoft Entra ID instead of SSH on a username and password. [Learn more](#)

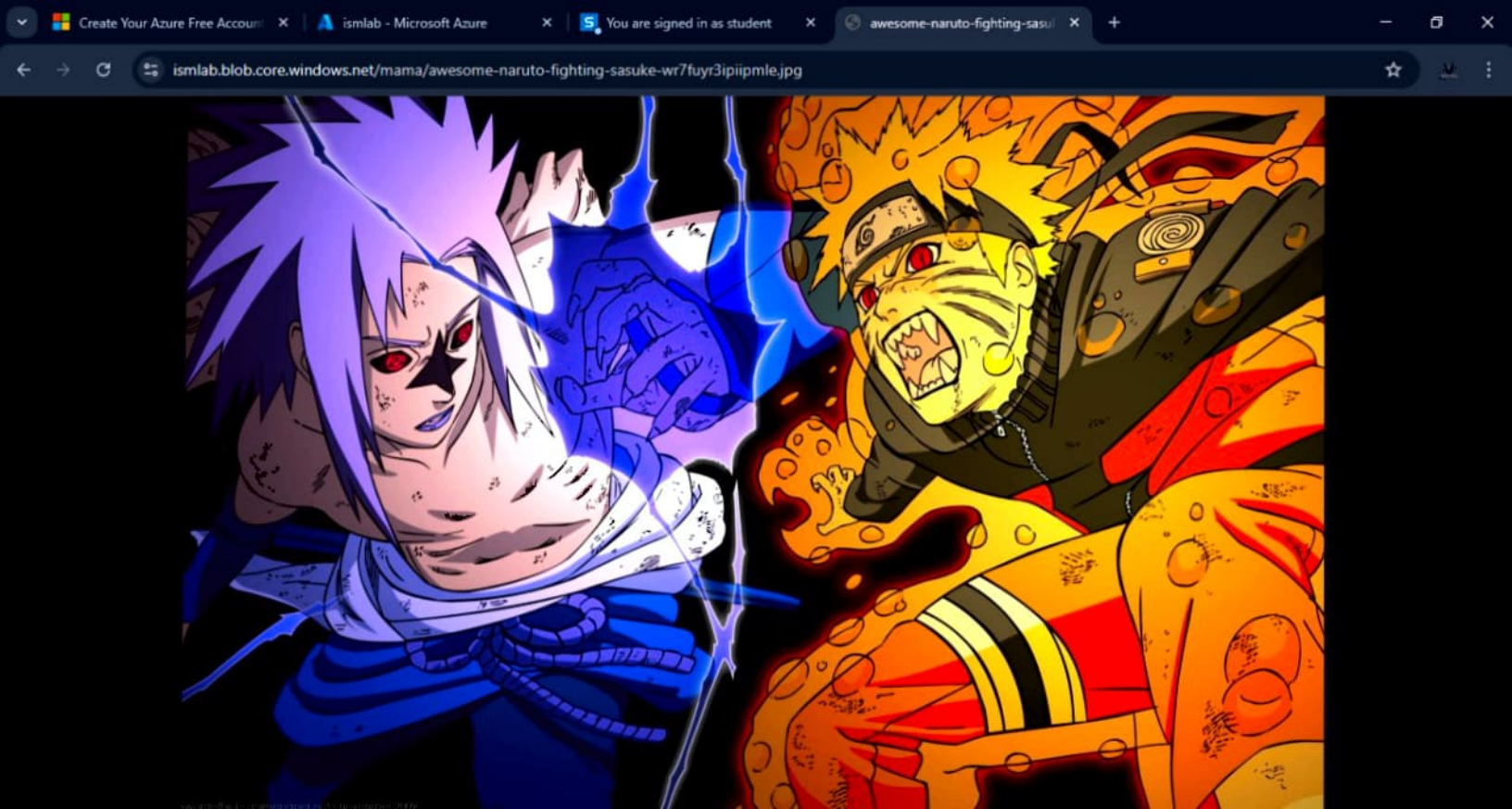
Close

Troubleshooting

Give feedback

Welcome to Azure Container Instances!





Create Your Azure Free Account

ismlab - Microsoft Azure

You are signed in as student

awesome-naruto-fighting-sasu

portal.azure.com/#@hrmuhilan2004gmail.onmicrosoft.com/resource/subscriptions/2e3d0c5d-9651-4765-9b78-e77f6fbb9830/resourceGroups/Kiran/providers/Microsof...

Microsoft Azure

Upgrade

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Home > ismlab

ismlab | Storage browser

Storage account

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Overview

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Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Resource visualizer

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ismlab

Favorites

Recently viewed

Blob containers

File shares

Queues

Tables

student

+ Add entity

Refresh

Delete

Edit columns

Tables > student

Authentication method: Access key [\(Switch to Microsoft Entra user account\)](#)

Add filter

Advanced filters

Showing all 1 items

<input type="checkbox"/>	PartitionKey	RowKey	Timestamp
<input type="checkbox"/>	Name	age	2025-05-21T09:56:06.01... <div></div>

Add or remove favorites by pressing Ctrl+Shift+F

Create Your Azure Free Account

kiran (kiran6370/kiran) - Micros

SQL Table Insertion

portal.azure.com/?ocid=AIDcmmf1elj9v5_SEM_k_CjwKCAjw87X8B8hBIEiwAxP3_A_wH_g_zv491Hgnwc85n6M1RsW0RoRrc48YrW5ZJv7r9kLTnQTFcChoCUN4QAv...

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot hrmuhilan2004@gmail... DEFAULT DIRECTORY (HRMUHIL)

Home > Microsoft.SQLDatabase.newDatabaseNewServer_477a4729b76f4643903be | Overview > kiran (kiran6370/kiran)

kiran (kiran6370/kiran) | Query editor (preview) SQL database

Search Login + New Query Open query Feedback Getting started

Tags

Diagnose and solve problems

Query editor (preview)

Mirror database in Fabric (preview)

Resource visualizer

Settings

Data management

Integrations

Power Platform

Security

Intelligent performance

Monitoring

Automation

Help

Tables

dbo.sample_table

id (int, null)

name (varchar, null)

age (int, null)

city (varchar, null)

score (decimal, null)

Views

sys.database_firewall_rules

id (int, not null)

name (sysname, not null)

start_ip_address (varchar, not null)

end_ip_address (varchar, not null)

create_date (datetime, not null)

modify_date (datetime, not null)

Stored Procedures

Query 1

Run Cancel query Save query Export data as Show all

Results Messages

id	name	age	city	score
1	Alice	23	Chennai	85.50
2	Bob	25	Mumbai	78.00
3	Charlie	22	Delhi	90.20
4	David	24	Kolkata	67.50
5	Eva	21	Bangalore	72.40
6	Frank	26	Hyderabad	88.90
7	Grace	23	Pune	80.10
8	Helen	27	Ahmedabad	69.70

Query succeeded | 0s



Run Reset

Click "Reset" to reset the code. We keep your changes to the editor even you refresh the page.

➤ ☐

```
azureuser@private: ~  
azureuser@public:~$ sudo chmod 400 private_key_0522.pem  
azureuser@public:~$ sudo ssh -i private_key_0522.pem azureuser@10.0.1.5  
The authenticity of host '10.0.1.5 (10.0.1.5)' can't be established.  
ED25519 key fingerprint is SHA256:LNiKkkVbS7+D1KTcJeJ3wAZhTfHVqmcOdwR/swDFHoA.  
This key is not known by any other names.  
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes  
Warning: Permanently added '10.0.1.5' (ED25519) to the list of known hosts.  
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.11.0-1015-azure x86_64)  
  
* Documentation:  https://help.ubuntu.com  
* Management:    https://landscape.canonical.com  
* Support:       https://ubuntu.com/pro  
  
System information as of Thu May 22 11:06:32 UTC 2025  
  
System load:  0.08      Processes:            110  
Usage of /:   5.5% of 28.02GB   Users logged in:     0  
Memory usage: 26%      IPv4 address for eth0: 10.0.1.5  
Swap usage:   0%  
  
Expanded Security Maintenance for Applications is not enabled.  
  
0 updates can be applied immediately.  
  
Enable ESM Apps to receive additional future security updates.  
See https://ubuntu.com/esm or run: sudo pro status  
  
The programs included with the Ubuntu system are free software;  
the exact distribution terms for each program are described in the  
individual files in /usr/share/doc/*/copyright.  
  
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by  
applicable law.  
  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo_root" for details.  
  
azureuser@private:~$ |
```