

WhatsApp

SSH using Azure CLI - Microsoft

CSA15 - Cloud & Big Data Lab

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Microsoft Azure

Search resources, services, and docs (G+)

thottekumar1381.sse@...  
DEFAULT DIRECTORY (THOTTEKU...

Home > CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231114131455 | Overview > vinay

vinay | Connect

Virtual machine

Search

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Connect

Public IP address | 20.121.133.228

Admin username  
vinnu

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](#)

Close

Troubleshooting

Give feedback

Bash

Requesting a Cloud Shell.Succeeded.

Connecting terminal...

WhatsApp

CreateVm-canonical.0001-com-...

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portal.azure.com/?Microsoft\_Azure\_Education\_correlationId=7d646287-f9a4-458a-aa41-8fa46e4029bf#view/HubsExtension/DeploymentDetailsBla...

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Home >

CreateVm-canonical.0001-com-ubuntu-server-focal-2-20231114131455 | Overview

Deployment

Search

«

Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓

Your deployment is complete

Deployment name: CreateVm-canonical.0001-com-ubuntu-server-f...

Subscription: [Azure for Students](#)

Resource group: [Hello](#)

Start time: 11/14/2023, 1:16:50 PM

Correlation ID: 5ff6338a-b781-4e0a-a1da-c83a

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

Give feedback

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

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Connect Start Restart Stop Hibernate (preview) Capture Delete Refresh Open in mobile Feedback CLI / PS

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Connect

Bastion

Networking

Network settings

Load balancing

Application security groups

Network manager

Settings

Disks

Essentials

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

Status : Running

Location : East US (Zone 1)

Subscription (move) : [Azure for Students](#)

Subscription ID : 0bf2e297-c187-409c-8613-5d8eaa88e794

Availability zone : 1

Tags (edit) : Carona : 42

Operating system : Linux (ubuntu 20.04)

Size : Standard D2s v3 (2 vcpus, 8 GiB memory)

Public IP address : [20.121.133.228](#)

Virtual network/subnet : [vinay-vnet/default](#)

DNS name : [Not configured](#)

Health state : -

JSON View

Properties

Monitoring

Capabilities (7)

Recommendations

Tutorials

Virtual machine

Computer name : vinay

Operating system : Linux (ubuntu 20.04)

Image publisher : canonical

Image offer : 0001-com-ubuntu-server-focal

Image plan : 20\_04-lts-gen2

VM generation : V2

Networking

Public IP address : [20.121.133.228](#) ( Network interface [vinay187\\_z1](#) )

Public IP address (IPv6) : -

Private IP address : 10.1.0.4

Private IP address (IPv6) : -

Virtual network/subnet : [vinay-vnet/default](#)

DNS name : [Configure](#)

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Most common

SSH using Azure CLI

Quickly connect in browser. Supports Azure AD authentication. Private key not required.  
Public IP address (20.121.133.228)

Select

Native SSH

No additional software needed. Private key required for connection. Best for those with existing SSH tools.  
Public IP address (20.121.133.228)

Select

More ways to connect (3)

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Local machine Azure portal

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Public IP address (20.121.133.228)

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More ways to connect (3)

SSH using Azure CLI

Connect from the Azure portal

1 Configure prerequisites for SSH using Azure CLI

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

Ready for configuration

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

The Azure Active Directory based SSH Login extension will securely connect to the VM using Azure AD instead of SSH or a username and password. [Learn more](#)

Virtual machine user or administrator login

A virtual machine administrator login role on the resource group will allow login to the virtual machine via CloudShell. [Learn more](#)

Port 22 access

Port 22 is accessible on this virtual machine for all configured IPs. [Learn more](#)

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

Public IP address: 20.121.133.228

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

☒ I understand just-in-time policy on the virtual machine may be re-configured to allow any source IP to request just-in-time access to port 22.

Configure + connect

Close Troubleshooting

Give feedback