

EXP-14

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The screenshot shows the Microsoft Azure portal home page. At the top, there is a navigation bar with the Microsoft Azure logo, a search bar, and user information (sreeharshau1145.sse@s...). Below the navigation bar, the 'Azure services' section displays various service icons: Create a resource, Quickstart Center, Virtual machines, Cost Management, Resource groups, Storage accounts, Subscriptions, App Services, SQL databases, and More services. The 'Resources' section has tabs for 'Recent' and 'Favorite'. The 'Recent' tab is active, showing a table of resources:

Name	Type	Last Viewed
sriharsha	Virtual machine	a minute ago
Azure for Students	Subscription	8 minutes ago
sriharsha253_z1	Network interface	19 minutes ago
Harsha	Resource group	20 minutes ago

Below the table, there is a 'See all' link. The 'Navigate' section at the bottom shows icons for Subscriptions, Resource groups, All resources, and Dashboard.

The screenshot shows the details page for a virtual machine named 'sriharsha'. The page is divided into several sections:

- Overview:** Displays the virtual machine's name, type, and a search bar. It also includes a list of actions: Connect, Start, Restart, Stop, Hibernate (preview), Capture, and Delete.
- Activity log:** A section for viewing the activity log.
- Access control (IAM):** A section for managing access control.
- Tags:** A section for managing tags.
- Diagnose and solve problems:** A section for diagnosing and solving problems.
- Settings:** A section for configuring settings, including Networking, Connect, Disks, Size, Microsoft Defender for Cloud, Advisor recommendations, Extensions + applications, and Availability + scaling.
- Essentials:** A section displaying key information about the virtual machine, including Resource group, Operating system, Status, Size, Location, Subscription, Subscription ID, Availability zone, Tags, and Public IP address.

The 'Essentials' section is expanded, showing the following details:

- Resource group: Harsha
- Operating system: Linux (ubuntu 20.04)
- Status: Running
- Size: Standard D2s v3 (2 vcpus, 8 GiB memory)
- Location: Central India (Zone 1)
- Subscription: Azure for Students
- Subscription ID: 8d3da52a-be2f-4a94-b138-f26c37fe04ea
- Availability zone: 1
- Tags: harsha : 10
- Public IP address: 20.244.16.153
- Virtual network/subnet: Sreeharsha/default
- DNS name: Not configured
- Health state: -

At the bottom, there are tabs for Properties, Monitoring, Capabilities (7), Recommendations, and Tutorials. The 'Virtual machine' tab is currently selected.

Microsoft Azure

Search resources, services, and docs (G+)

🔍🔔⚙️🔗📄👤sreeharshau1145.sse@e...
DEFAULT DIRECTORY

Home > Virtual machines > sriharsha

Virtual machines

Default Directory

+ Create ▾ ↺ Switch to classic ...

Filter for any field...

Name ↑

sriharsha

...

sriharsha | Networking

Virtual machine

🔍 Search

Feedback ↗ Attach network interface ↗ Detach network interface

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Networking

Connect

Disks

Size

Microsoft Defender for Cloud

Advisor recommendations

Extensions + applications

Availability + scaling

sriharsha253_z1

IP configuration 🔗

ipconfig1 (Primary) ▾

Network Interface: sriharsha253_z1

Effective security rules

Troubleshoot VM connection issues

Topology

Virtual network/subnet: Sreeharsha/default

NIC Public IP: 20.244.16.153

NIC Private IP: 10.0.0.4

Accelerated networking: Disabled

Inbound port rules

Outbound port rules

Application security groups

Load balancing

Network security group sriharsha-nsg (attached to network interface: sriharsha253_z1)

Impacts 0 subnets, 1 network interfaces

Add inbound port rule

Priority	Name	Port	Protocol	Source
300	HTTP	80	TCP	Any
65000	AllowVnetInBound	Any	Any	VirtualNetwork
.....

Microsoft Azure

Search resources, services, and docs (G+)

🔍🔔⚙️🔗📄👤sreeharshau1145.sse@e...
DEFAULT DIRECTORY

Home > sriharsha

sriharsha | Connect

Virtual machine

🔍 Search

Admin username
azureuser

Port (change)
22 Check access 🔗

Just-in-time policy
Unsupported by plan 🔗

Recommended

Most common

SSH using Azure CLI

Quickly connect in browser. Supports Azure AD authentication. Private key not required.

Public IP address (20.244.16.153)

Select

Native SSH

No additional s
connection. Bes

Public IP address

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 could not be configured

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

Unable to configure Just In Time on the virtual machine: "Standard Jit policy not configured on this virtual machine." [Learn more](#) 🔗

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

Public IP address: 20.244.16.153

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

Close Troubleshooting Give feedback

https://portal.azure.com/#@sreeharshau1145savesaveetha.onmicrosoft.com/resource/subscriptions/8d3da52a-be2f-4a94-b138-f26c37fe04ea/resourceGroups/Harsha/providers/Microsoft.Compute/virtualMachines/sriharsha/tags