

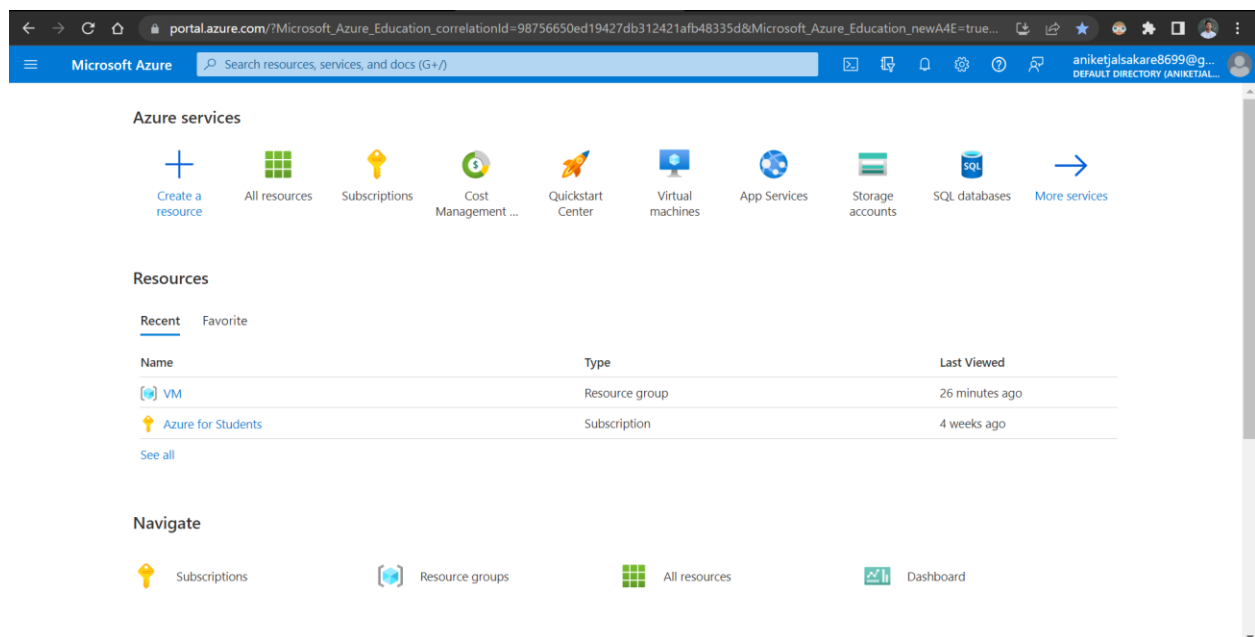
Name – Aniket Jalasakare

PRN – 1132210192

Roll No – 24

Tutorial 8 B) Create Virtual Machine from Azure Portal | Do RDP Connection to it

Sign in to Azure Portal | CLICK on Create a resource.



SELECT Virtual Machine. | Click on Create, SELECT Subscription | Azure for Students.

portal.azure.com/?Microsoft_Azure_Education_correlationId=98756650ed19427db312421afb48335d&Microsoft_Azure_Education_newA4E=true...

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

aniketjalsakare8699@g...
DEFAULT DIRECTORY (ANIKETJAL...

Home > Create a resource >

Create a virtual machine

This subscription may not be eligible to deploy VMs of certain sizes in certain regions.

Project details
Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure for Students

Resource group * VM
[Create new](#)

Instance details

Virtual machine name * Machine

Region * (Europe) UK South

Availability options * Availability zone

Availability zone * Zones 1

[Review + create](#) < Previous Next : Disks > [Give feedback](#)

SELECT Resource Group.

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Home > Create a resource >

Create a virtual machine

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * Azure for Students

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

Instance details

Virtual machine name * Machine

Region * (Europe) UK South

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](#)

Security type * Standard

[Review + create](#) < Previous Next : Disks > [Give feedback](#)

https://portal.azure.com/?Microsoft_Azure_Education_correlationId=98756650ed19427db312421afb48335d&Microsoft_Azure_Education_newA4E=true&Microsoft_Azure_Education_asoSubGuid=c5a8ba9-0268-46d2-acd8-765349b64c58#

Edit Instance Details | Add Virtual Machine details Name | Select Region | Select Windows Server Image

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Home > Create a resource >

Create a virtual machine

Availability zone * Zones 1

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

Security type Standard

Image * Windows Server 2016 Datacenter - Gen2

[See all images](#) | [Configure VM generation](#)

VM architecture ☐ Arm64 ☒ x64

Arm64 is not supported with the selected image.

Run with Azure Spot discount ☐

Size * Standard_B1ls - 1 vcpu, 0.5 GiB memory (₹520.67/month)

[See all sizes](#)

This size is supported only on Linux.

[Review + create](#) [< Previous](#) [Next : Disks >](#) [Give feedback](#)

Select Instance Size Standard_B2s (Instance with least pricing)

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Home > Create a resource > Create a virtual machine >

Select a VM size

[Display cost : Monthly](#) [vCPUs : All](#) [RAM \(GiB\) : All](#) [Add filter](#)

Showing 561 VM sizes. | Subscription: Azure for Students | Region: UK South | Image: Windows Server 2016 Datacenter | [Learn more about VM sizes](#) [Group by series](#)

VM Size	Type	vCPUs	RAM (GiB)	Data disks	Max IOPS	Temp storage (GiB)	Premium disk
Most used by Azure users							
The most used sizes by users in Azure							
DS1_v2	General purpose	1	3.5	4	3200	7	Supported
D2s_v3	General purpose	2	8	4	3200	16	Supported
D2as_v4	General purpose	2	8	4	3200	16	Supported
B2s	General purpose	2	4	4	1280	8	Supported
B1s	General purpose	1	1	2	320	4	Supported
B2ms	General purpose	2	8	4	1920	16	Supported
DS2_v2	General purpose	2	7	8	6400	14	Supported
B4ms	General purpose	4	16	8	2880	32	Supported

[Select](#) Prices presented are estimates in your local currency that include only Azure infrastructure costs and any discounts for the subscription and location. The prices don't include any applicable software costs. Final charges will appear in your local currency in cost analysis and billing views. [View Azure pricing calculator](#).

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Home > Create a resource >

Create a virtual machine ...

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Azure VMs have one operating system disk and a temporary disk for short-term storage. You can attach additional data disks. The size of the VM determines the type of storage you can use and the number of data disks allowed. [Learn more](#)

Disk options

OS disk type *

Premium SSD (locally-redundant storage)

Delete with VM ☒

Enable encryption at host ☐

Encryption at host is not registered for the selected subscription. [Learn more about enabling this feature](#)

Encryption type *

(Default) Encryption at-rest with a platform-managed key

Enable Ultra Disk compatibility ☐

Review + create

< Previous

Next : Networking >

Give feedback

In Networking TAB | Select VNET Or Create manually.

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Home > Create a resource >

Create a virtual machine ...

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Define network connectivity for your virtual machine by configuring network interface card (NIC) settings. You can control ports, inbound and outbound connectivity with security group rules, or place behind an existing load balancing solution. [Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network *

(new) RDP-vnet
[Create new](#)

Subnet *

(new) default (10.1.0.0/24)

Public IP

(new) Machine-ip
[Create new](#)

NIC network security group

☐ None

☒ Basic

☐ Advanced

Public inbound ports *

☐ None

Review + create

< Previous

Next : Management >

Give feedback

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Home > Create a resource >

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](#)

Enable basic plan for free ☒ This will apply to every VM in the selected subscription

Identity
Enable system assigned managed identity ☐

Azure AD
Login with Azure AD ☐

[Review + create](#) < Previous Next : Monitoring > [Give feedback](#)

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Home > Create a resource >

Create a virtual machine ...

Basics Disks Networking Management Monitoring **Advanced** Tags Review + create

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
Pass a 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](#)

[Review + create](#) < Previous Next : Tags > [Give feedback](#)

Add TAG

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Home > Create a resource >

Create a virtual machine ...

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

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
vm	:	12 selected
vm	:	12 selected

Review + create

< Previous

Next : Review + create >

Give feedback

(Validation should passed) At Last Click REVIEW + CREATE.

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Home > Create a resource >

Create a virtual machine ...

Validation passed

BasicsDisksNetworkingManagementMonitoringAdvancedTagsReview + create

Cost given below is an estimate and not the final price. Please use [Pricing calculator](#) for all your pricing needs.

PRODUCT DETAILS

1 X Standard B1s
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply
1,1383 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

Create

< Previous

Next >

Download a template for automation

Give feedback

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Home >

CreateVm-MicrosoftWindowsServer.WindowsServer-201-20220921104802 | Overview

Deployment

Search < Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

We'd love your feedback! →

✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer.WindowsServer-201-20220921104802 Start time: 9/21/2022, 11:00:55 AM
 Subscription: Azure for Students Correlation ID: 3ea7799c-34c5-4bef-8ea6-35
 Resource group: RDP

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](#)

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Home >

All resources

Default Directory (aniketjalsakare8699@gmail.onmicrosoft.com)

+ Create Manage view Refresh Export to CSV Open query Assign tags Delete

Filter for any field... Subscription equals all Resource group equals all Type equals all Location equals all Add filter

0 Unsecure resources 0 Recommendations

No grouping List view

Name	Type	Resource group	Location	Subscription
Machine	Virtual machine	RDP	UK South	Azure for Students
Machine-ip	Public IP address	RDP	UK South	Azure for Students
Machine-nsg	Network security group	RDP	UK South	Azure for Students
machine158_z1	Network interface	RDP	UK South	Azure for Students
Machine_OsDisk_1_5d85a92ca708408f98b7291755dee5ca	Disk	RDP	UK South	Azure for Students
NetworkWatcher_uksouth	Network Watcher	NetworkWatcherRG	UK South	Azure for Students
RDP-vnet	Virtual network	RDP	UK South	Azure for Students
Ubuntu-ip	Public IP address	VM	UK South	Azure for Students
Ubuntu-nsg	Network security group	VM	UK South	Azure for Students

< Previous Page 1 of 1 Next > Showing 1 to 11 of 11 records. Give feedback

Download RDP File after deployment to your Local Machine

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Home > All resources > Machine

All resources

Default Directory (aniketjalsakare8699@gmail.onmic...

+ Create Manage view

Filter for any field...

Name ↑

- Machine
- Machine-ip
- Machine-nsg
- machine158_z1
- Machine_OsDisk_1_5d85a92ca70840...
- NetworkWatcher_uksouth
- RDP-vnet
- Ubuntu-ip
- Ubuntu-nsg
- ubuntu666_z1
- VM-vnet

Page 1 of 1

Machine | Connect

Virtual machine

Search

Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems

Settings
Networking
Connect
Windows Admin Center (preview)
Disks
Size
Microsoft Defender for Cloud
Advisor recommendations
Extensions + applications

To improve security, enable just-in-time access on this VM. →

RDP SSH Bastion

Connect with RDP

Suggested method for connecting

Azure has checked the status for the most common prerequisites when connecting using this method.

- Checking network security group for inbound access from your client's IP address. [Learn more](#)
- The VM's network interface has a Public IP address. [Learn more](#)
- The VM is running.

To connect to your virtual machine via RDP, select an IP address, optionally change the port number, and download the RDP file.

IP address *
Public IP address (20.90.89.110)

Port number *
3389

Download RDP File

Add details about username, password & public ip. | Connect to Virtual Machine.

Remote Desktop Connection

Computer: 20.90.89.110

User name: None specified

You will be asked for credentials when you connect.

Show Options Connect Help

Windows Security

Enter your credentials

These credentials will be used to connect to 20.90.89.110.

aniket

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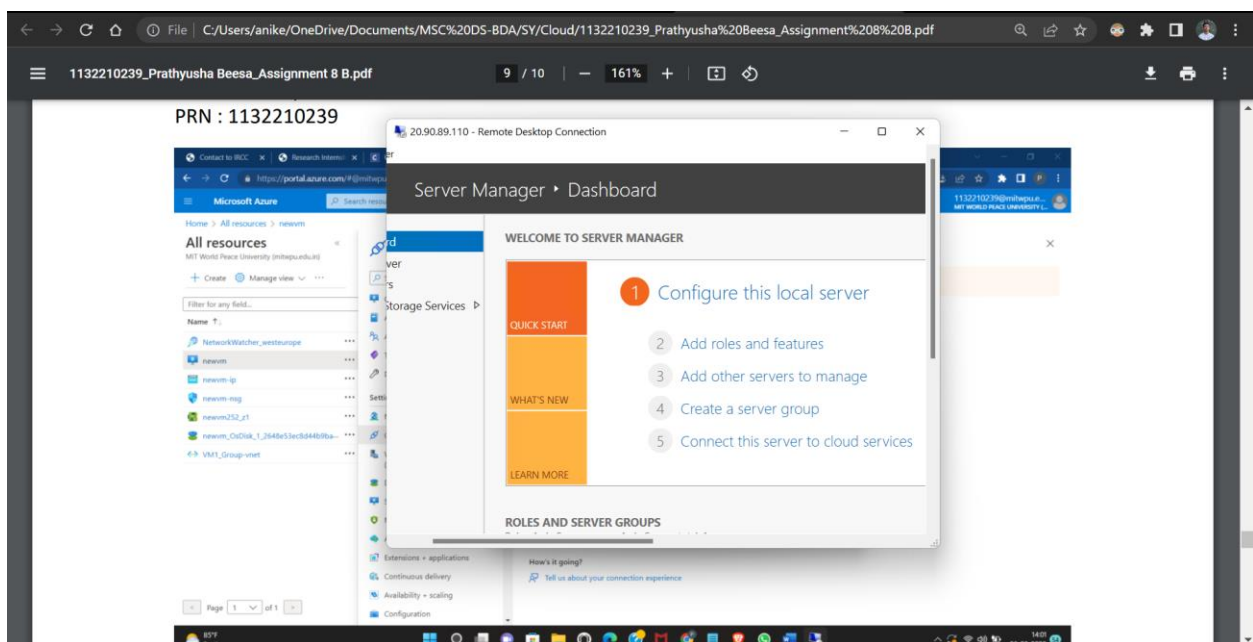
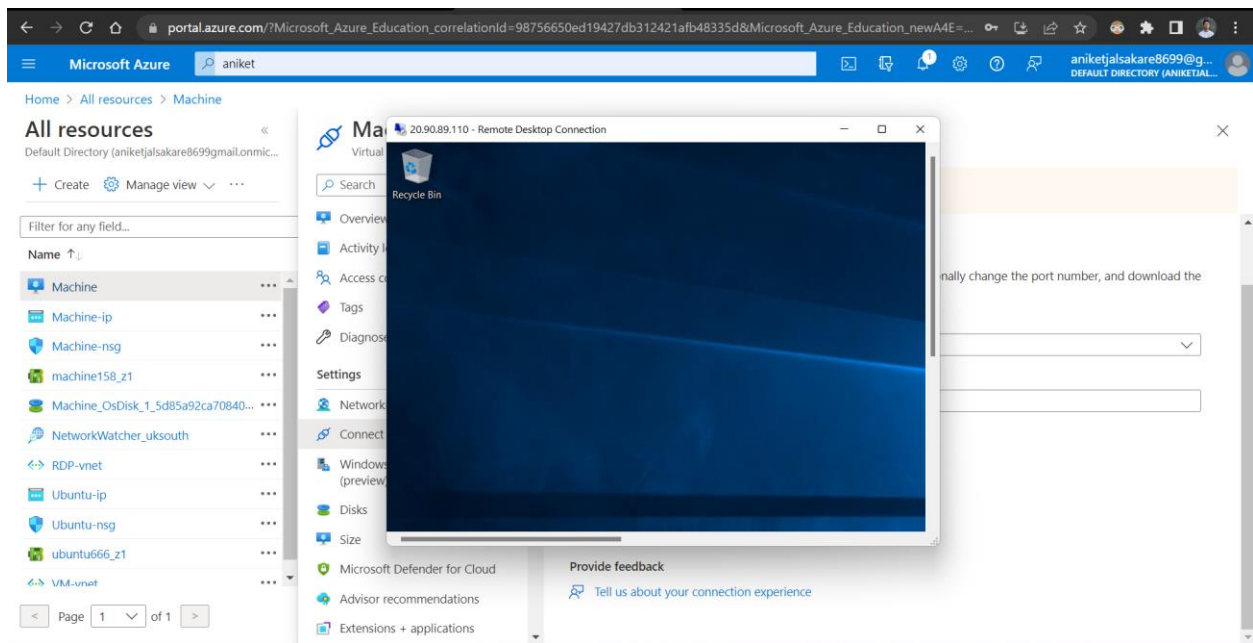
☐ Remember me

More choices

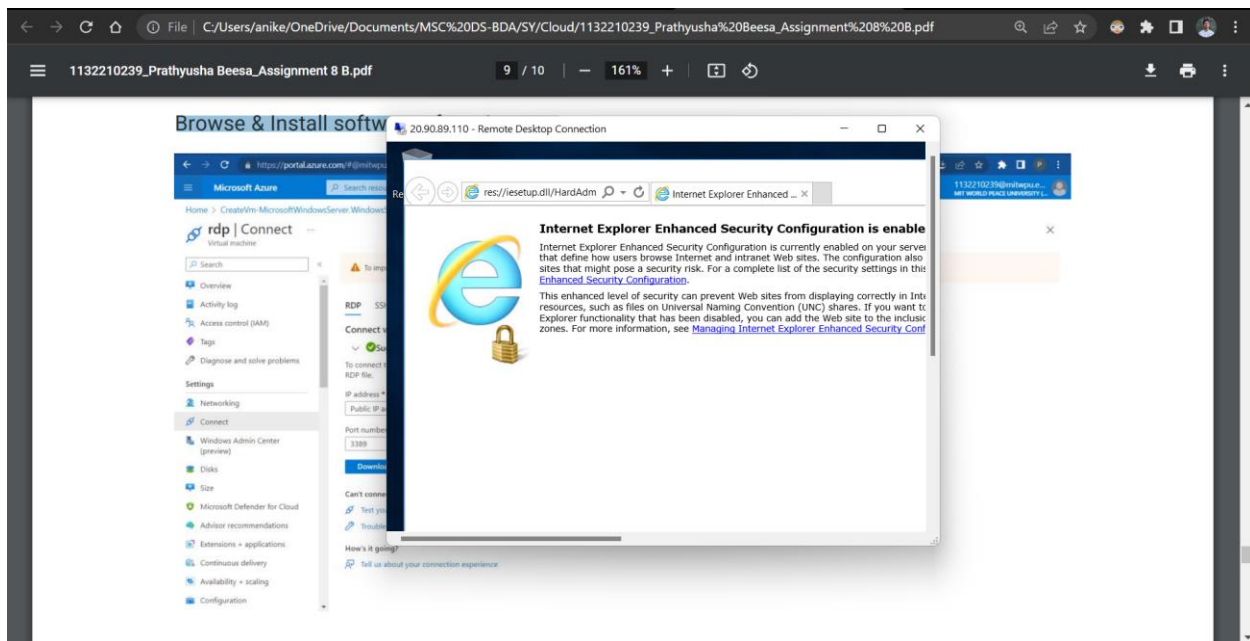
Aniket Jalsakare
MicrosoftAccount
aniketjalsakare8699@gmail.com

Use a different account

OK Cancel



Browse & Install softwares from Internet.



At Last, Go to ALL Resources TAB | SELECT & DELETE the resources.

portal.azure.com/?Microsoft_Azure_Education_correlationId=98756650ed19427db312421afb48335d&Microsoft_Azure_Education_newA4E=...

Microsoft Azure aniket

Home >

All resources

Default Directory (aniketjalsakare8699@gmail.onmicrosoft.com)

+ Create Manage view Refresh Export to CSV Open query Assign tags Delete

Filter for any field... Subscription equals all Resource group equals all Type equals all Location equals all

0 Unsecure resources 0 Recommendations

Name	Type	Resource group	Location
Machine	Virtual machine	RDP	UK S
Machine-ip	Public IP address	RDP	UK S
Machine-nsg	Network security group	RDP	UK S
machine158_z1	Network Interface	RDP	UK S
Machine_OsDisk_1_sd85a92ca708408f98b7291755dee5ca	Disk	RDP	UK S
NetworkWatcher_uksouth	Network Watcher	NetworkWatcherRG	UK S
RDP-vnet	Virtual network	RDP	UK S
Ubuntu-ip	Public IP address	VM	UK S
Ubuntu-nsg	Network security group	VM	UK S

< Previous Page 1 of 1 Next > Showing 1 to 11 of 11 records.

Delete Resources

Deleting 11 resources

Do you want to delete all the selected resources?

Warning! Deleting the selected resources is irreversible. This will permanently delete the selected resources, their related resources and contents. If you are not sure about the selected resource dependencies, please go to individual resource type blade to perform the delete operation. This action cannot be undone. Do you want to continue?

☒ Apply force delete for selected Virtual machines and Virtual machine scale sets

Confirm delete *

Selected resources

- Machine (Virtual machine) X
- Machine-ip (Public IP address) X
- Machine-nsg (Network security group) X

Delete Cancel