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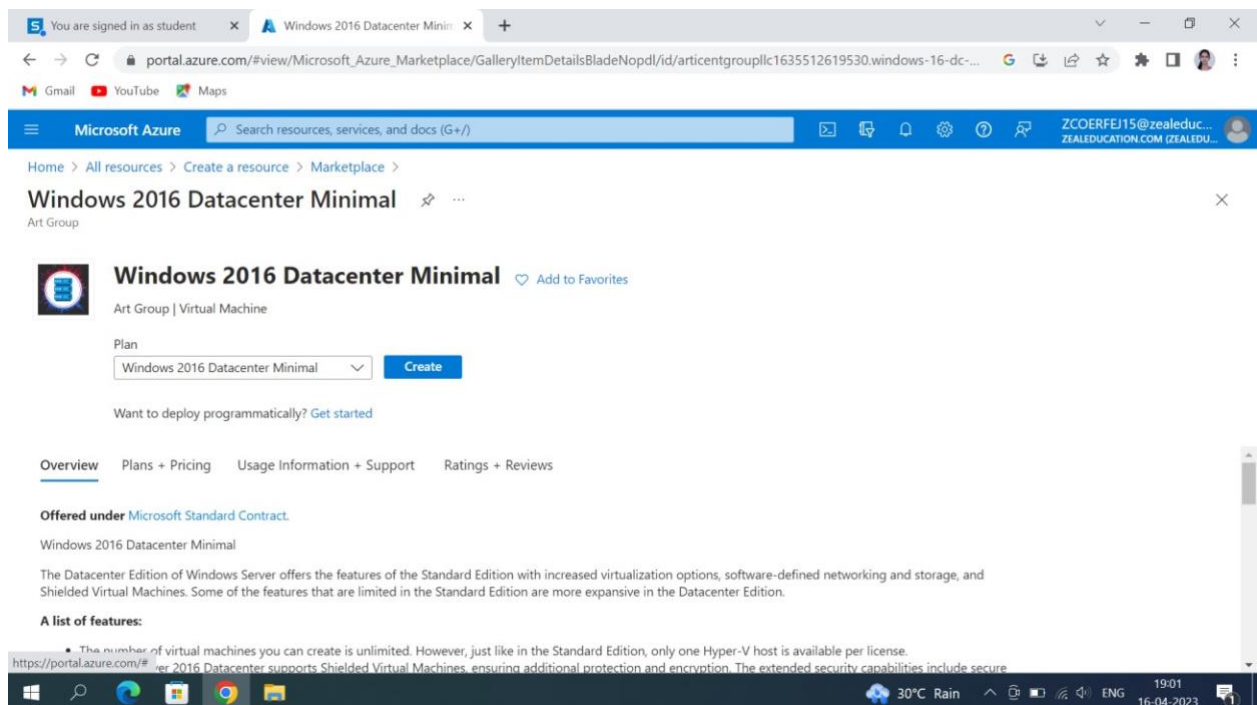
Div: B-1

Assignment 1

Aim: Case study on Microsoft azure to learn about Microsoft Azure is a cloud computing platform and infrastructure, created by Microsoft, for building, deploying and managing applications and services through a global network of Microsoft-managed data centers .

Sign in to Azure Sign in to the Azure portal at <https://portal.azure.com>.

1. Choose Create a resource in the upper left-hand corner of the Azure portal.
2. In the search box above the list of Azure Marketplace resources, search for and select Windows Server 2016 Datacenter, then choose Create.
3. In the Basics tab, under Project details, make sure the correct subscription is selected and then choose to Create new resource group. Type myResourceGroup for the name.



You are signed in as student | Create a virtual machine - Micro | Skymate World

portal.azure.com/#create/articentgrouppllc1635512619530.windows-16-dc-minimalwindows-16-dc-minimal

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

Home > All resources > Create a resource > Marketplace > Windows 2016 Datacenter Minimal

Create a virtual machine

⚠ Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.

Project details

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

Subscription *

Resource group * [Create new](#)

Instance details

Virtual machine name *

Region *

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

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

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Create a virtual machine

⚠ Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.

Run with Azure Spot discount ☐

Size * [See all sizes](#)

Administrator account

Username *

Password *

Confirm password *

Inbound port rules

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

OneDrive
Screenshot saved
The screenshot was added to your OneDrive.

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

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Create a virtual machine

⚠ Changing Basic options may reset selections you have made. Review all options prior to creating the virtual machine.

Inbound port rules

Select which virtual machine network ports are accessible from the public internet. You can specify more limited or granular network access on the Networking tab.

Public inbound ports * ⓘ

☒ None
☐ Allow selected ports

Select inbound ports

Select one or more ports

ⓘ All traffic from the internet will be blocked by default. You will be able to change inbound port rules in the VM > Networking page.

Review + create < Previous Next : Disks > Give feedback

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You are signed in as student | Create a virtual machine - Micro | Skymate World | Access denied

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

Home > All resources > Create a resource > Marketplace > Windows 2016 Datacenter Minimal

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 DS1 v2
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ
10,1310 INR/hr
[Pricing for other VM sizes](#)

TERMS

Create < Previous Next > Download a template for automation Give feedback

Windows | 30°C Light rain | 19:11 16-04-2023

Microsoft Azure portal showing the "Create a virtual machine" wizard. The user is signed in as "student". The wizard is at the "Review + create" step, showing a validation passed message. The configuration includes 1 X Standard DS1 v2 VM size, 10.1310 INR/hr price, and subscription credits apply. The "Create" button is visible at the bottom.

*** Initializing deployment...
Initializing template deployment to resource group VM-1_group.

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 DS1 v2
by Microsoft
[Terms of use](#) | [Privacy policy](#)

Subscription credits apply ⓘ
10.1310 INR/hr
[Pricing for other VM sizes](#)

TERMS

Create < Previous Next > Download a template for automation Give feedback

Microsoft Azure portal showing the "CreateVm-MicrosoftWindowsServer-201-20230416190923" deployment overview. The deployment is complete, showing details like deployment name, subscription, resource group, start time, and correlation ID. The "Next steps" section includes links for setup, monitoring, and running scripts. The "Cost Management" and "Microsoft Defender for Cloud" sections are also visible.

Home > **CreateVm-MicrosoftWindowsServer-201-20230416190923 | Overview**

Deployment

Search < Delete Cancel Redeploy Download Refresh

Overview

Inputs

Outputs

Template

✓ Your deployment is complete

Deployment name: CreateVm-MicrosoftWindowsServer... Start time: 4/16/2023, 7:11:29 PM
Subscription: [Azure for Students](#) Correlation ID: c31cd639-d10f-45fa-b6
Resource group: [VM-1_group](#)

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

Cost Management
Get notified to stay within your budget and prevent unexpected charges on your bill.
[Set up cost alerts >](#)

Microsoft Defender for Cloud
Secure your apps and infrastructure
[Go to Microsoft Defender for Cloud >](#)

Free Microsoft tutorials
[Start learning today >](#)

You are signed in as [VM-1 - Microsoft](#) x Skymate World x Introducing ChatGPT x BFF Birthday Gift! x WhatsApp x + -

portal.azure.com/#@zealeducationv5.onmicrosoft.com/resource/subscriptions/fddb2f96-a099-4c80-af54-34f170ba6bc7/resourceGroups/...

Gmail YouTube Maps

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

ZCOERFE15@zealeduc... ZEAL EDUCATION.COM ZEAL EDU...

Home > CreateVm-MicrosoftWindowsServer.WindowsServer-201-20230416190923 | Overview >

VM-1 Virtual machine

Search Connect Start Restart Stop Capture Delete Refresh Open in mobile Feedback CLI / PS

Overview

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

Settings

- Networking
- Connect
- Windows Admin Center
- Disks
- Size

Microsoft Defender for Cloud

Essentials

Resource group (move) [VM-1-group](#)

Status Running

Location Canada Central (Zone 1)

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

Subscription Azure for Students fddb2f96-a099-4c80-af54-34f170ba6bc7

Availability zone 1

Tags (edit) [Click here to add tags](#)

Operating system Windows (Windows Server 2019 Datacenter)

Size Standard DS1 v2 (1 vcpu, 3.5 GiB memory)

Public IP address [4.206.192.250](#)

Virtual network/subnet [VM-1-vnet/default](#)

DNS name [Not configured](#)

[JSON View](#)

https://portal.azure.com/#@zealeducationv5.onmicrosoft.com/resource/subscri... mpendations Tutorials

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