EXP NO: 21. Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.

AIM:

To Demonstrate Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure.

Date:3.10.2025

 PROCEDURE:

STEP1: CREATE AN ACCOUNT IN MICROSOFT AZURE.

 STEP2: GOTO RESOURCE GROUP AND CREATE A RESOURCE GROUP.

 STEP3: GIVE NECESSARY THINGS FOR RESOURCE GROUP.

STEP4: CREATE AVIRTUAL NETWORK FOR TO CREATE AVIRTUALMACHINE.

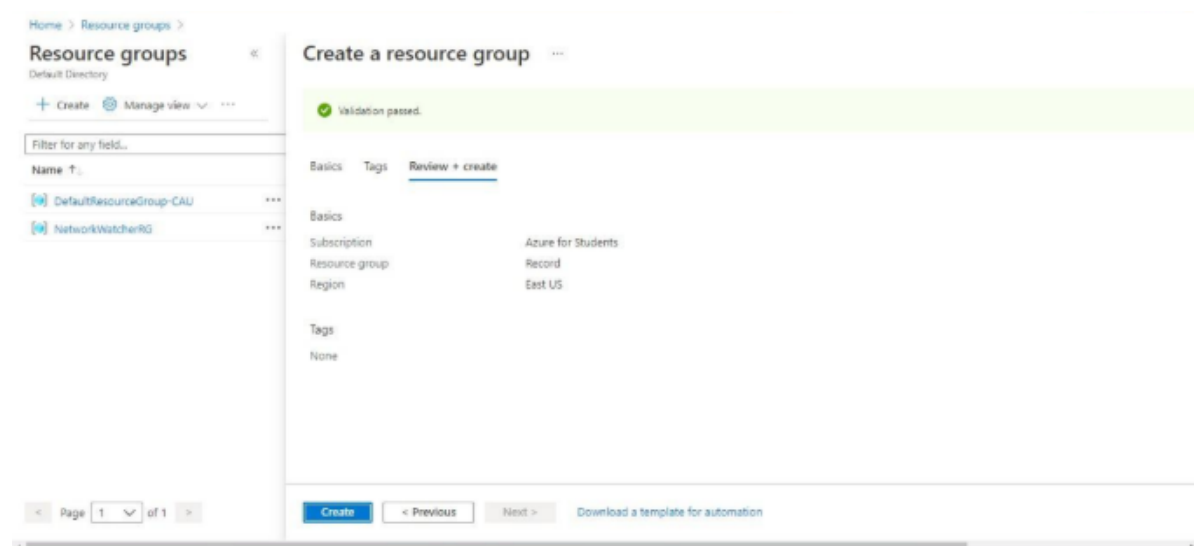STEP5: NOW CREATE A VIRTUAL MACHINE WITH UR IPADDRESS ANUSERNAME AND

PASSWORD FOR YOUR VIRTUAL MACINE.

STEP6: AND YOUR VIRTUAL MACHINE IS DEPLOYED.

STEP7: NOW CONNECT THE VIRTUAL MACHINE AND DOWNLOAD THE RDP FILETO OPEN YOUR WINDOWS VIRTUAL MACHINE.

STEP8: CREATED ANEW WINDOWS VIRTUAL MACHINE

IMPLEMENTATION:

Resource groups
Default Directory

+ Create @ Manage view ∨ ⋯

Filter for any field...

Name ↑.

[●] DefaultResourceGroup-CAU ⋯

[●] NetworkWatcherRG ⋯

← Page 1 ∨ of 1 →

Create a resource group ⋯

Basics Tags Review + create

Apply tags to your Azure resources to logically organize them by categories. A tag consists of a key (name) and a value. Tag names are case-insensitive and tag values are case-sensitive. Learn more ☑

Name ⓘ		Value ⓘ	Resource
	:		Resource group

Review + create < Previous Next : Review + create >

Resource groups ⚲ ⋯
Default Directory

+ Create @ Manage view ∨ ○ Refresh ↓ Export to CSV ⇄ Open query | ⊘ Assign tags | ♡ Feedback

Filter for any field...   Subscription == all   Location == all ✕   ⊕ Add filter

Showing 1 to 3 of 3 records.   No grouping ∨   List view ∨

☐ Name ↑.	Subscription ↑↓	Location ↑↓	
☐ [●] DefaultResourceGroup-CAU	Azure for Students	Australia Central	⋯
☐ [●] NetworkWatcherRG	Azure for Students	East US	⋯
☐ [●] Record	Azure for Students	East US	⋯

← Previous Page 1 ∨ of 1 Next →

🖥 Record-virtual ⚲ ⋯
Virtual machine

🔍 Search (Ctrl+/)   «   ∥ Connect ▷ Start ↻ Restart ☐ Stop ⊞ Capture 🗑 Delete ○ Refresh ☐ Open in mobile

🖥 Overview

📄 Activity log

⅏ Access control (IAM)

◆ Tags

⌨ Diagnose and solve problems

Settings

⚡ Networking

⌇ Connect

🪟 Windows Admin Center (preview)

💽 Disks

🖥 Size

🛡 Security

◆ Advisor recommendations

⌖ Extensions

∧ Essentials   JSON View

Resource group (change) : Record   Operating system : Windows (Windows Server 2019 Datacenter)
Status   : Running   Size   : Standard DS3 v2 (1 vcpus, 3.5 GiB memory)
Location   : East US   Public IP address : 23.96.8.147
Subscription (change) : Azure for Students   Virtual network/subnet : Record-vnet/default
Subscription ID   : db4eee0b-1634-4be0-9c9c-05cc8d399405   DNS name : Not configured
Tags (change)   : Click here to add tags

Properties Monitoring Capabilities (8) Recommendations Tutorials

🖥 **Virtual machine**		🧍 **Networking**	
Computer name	Record-virtual	Public IP address	23.96.8.147
Operating system	Windows (Windows Server 2019 Datacenter)	Public IP address (IPv6)	-
Publisher	MicrosoftWindowsServer	Private IP address	10.0.0.4
Offer	WindowsServer	Private IP address (IPv6)	-
Plan	2019-Datacenter	Virtual network/subnet	Record-vnet/default
VM generation	V1	DNS name	Configure
Agent status	Ready		
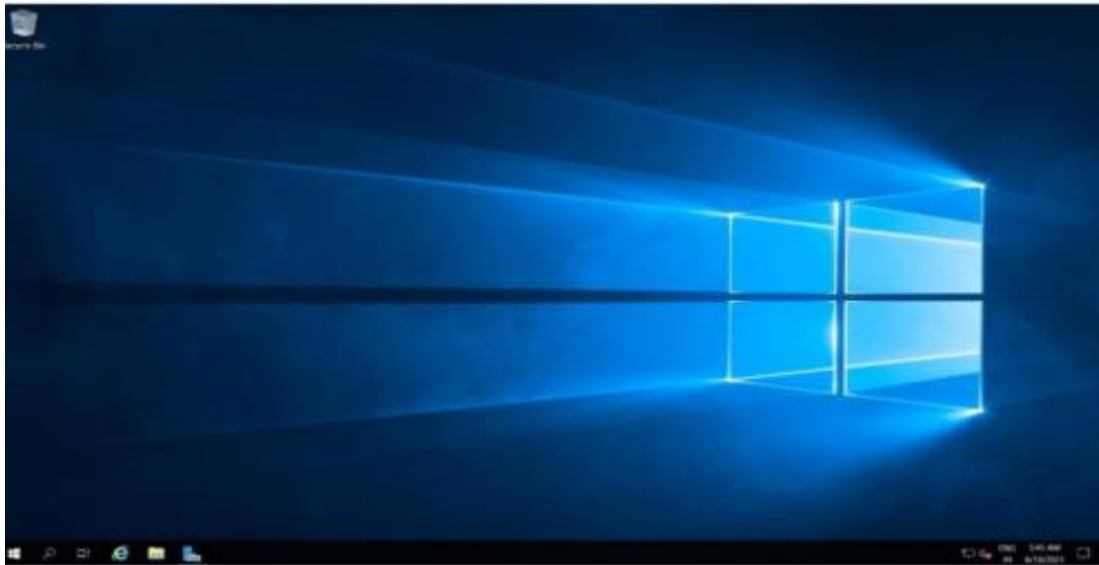
Result:

Platform as a Service (PaaS) create and configure a new VM Image in any Public Cloud Service Provider using Azure has been demonstrated.