

1. What is the different type of services offered in the cloud?

PaaS

IaaS

SaaS

All of these

2. What are the different cloud deployment models?

Private Cloud

Public Cloud

Hybrid Cloud

All the above mentioned

3. Which of the following element in Azure stands for management service?

Application

Config

Virtual machines

None of These

4. Which service in Azure is used to manage resources in Azure?

Azure Resource Manager

Application Insights

Log Analytics

Azure Portal

5. Do scale sets work with Azure availability sets?

No

Yes

Not Sure

6. Is it possible to add an existing VM to an availability set?

Yes

No

Not Sure

7. What are special Azure Regions?

US Gov Virginia and US Gov Iowa

China East and China North

Germany Central and Germany Northeast

All of these

8. Customers Should Deploy Azure Resources To Multiple Regions To Ensure cost reduction.

availability.

scalability.

9. Which Of The Following Azure Cloud Services Offers Serverless Capabilities?

Azure Functions

Azure App Service

Azure Kubernetes Service (AKS)

All of the above

10. What Is SKU In Azure Cloud?

Software Kernel Unit

Stock Keeping Utility

Software Keeping Unit

Stock Keeping Unit

1. Create Virtual network named as Virtue(range 57.80.0.0/16) and having subnet name as duck(57.80.137.0/24).

The screenshot displays the Microsoft Azure portal interface for creating a new virtual network. The browser address bar shows the URL <https://portal.azure.com/#create/Microsoft.VirtualNetwork>. The page title is "Create virtual network". A green banner at the top indicates "Validation passed". The "Review + create" tab is active, showing the configuration details for the virtual network. The "Basics" section includes the following information:

Field	Value
Subscription	Free Trial
Resource group	((new) resource_1)
Name	virtue
Region	East US

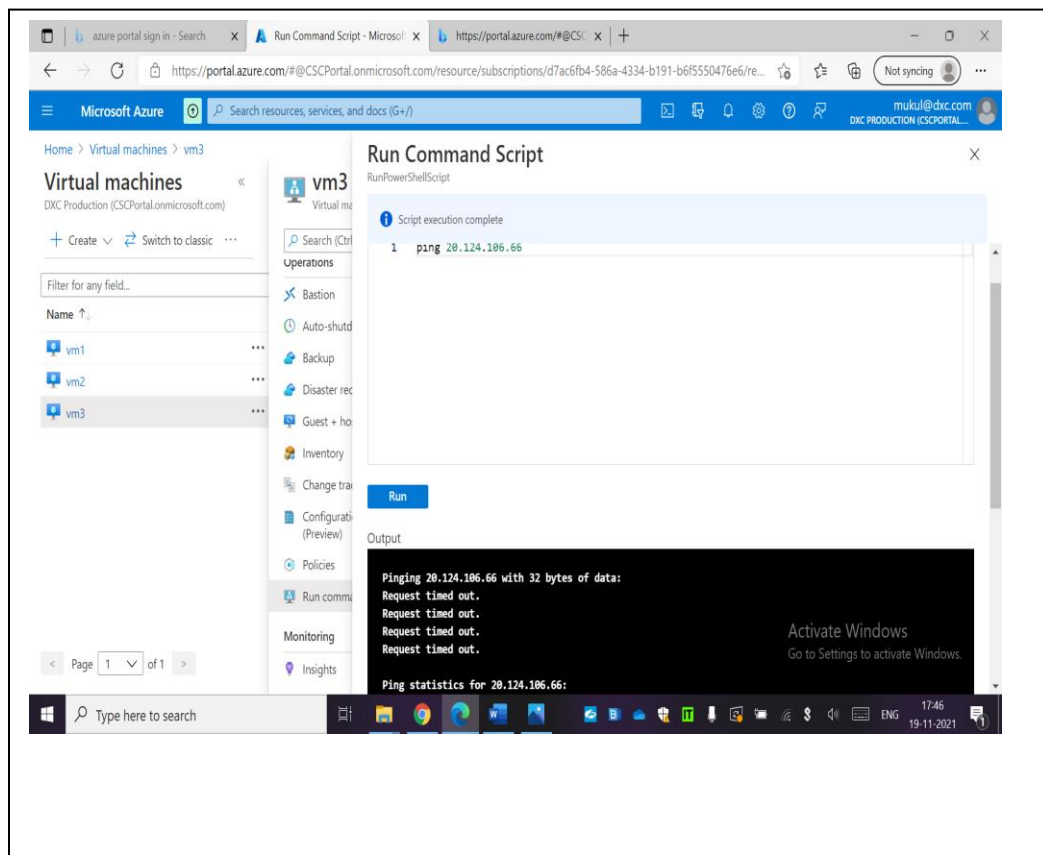
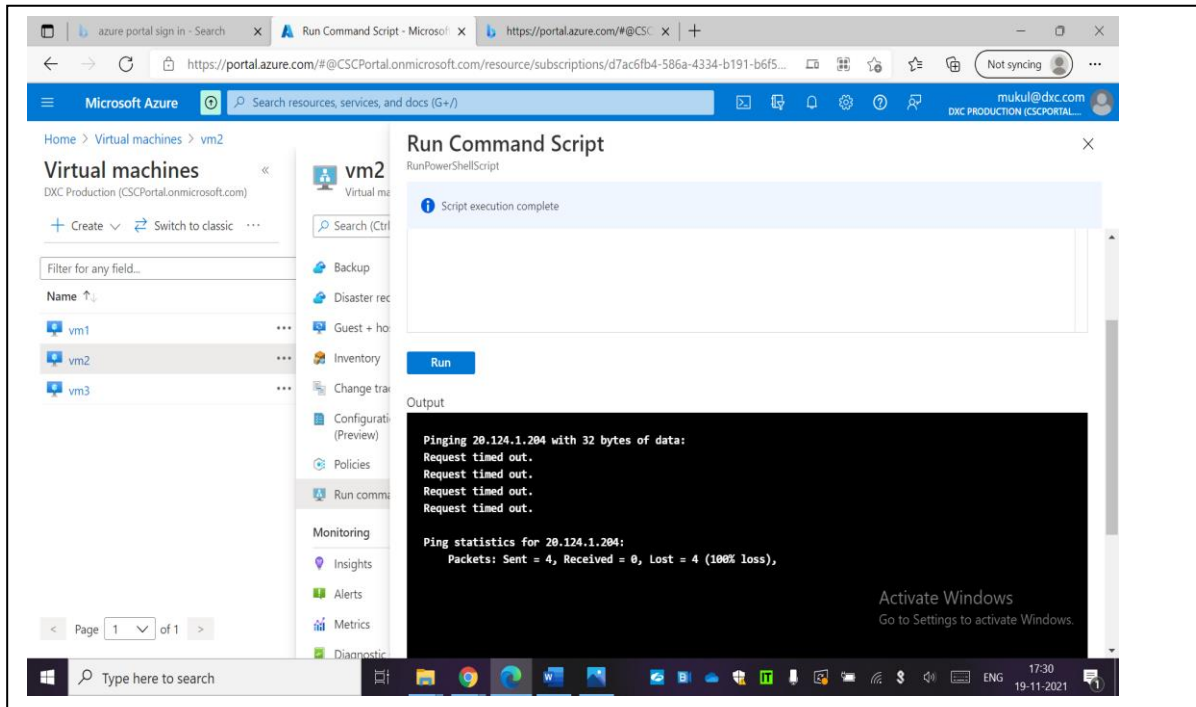
The "IP addresses" section includes the following information:

Field	Value
Address space	57.80.0.0/16
Subnet	duck (57.80.137.0/24)

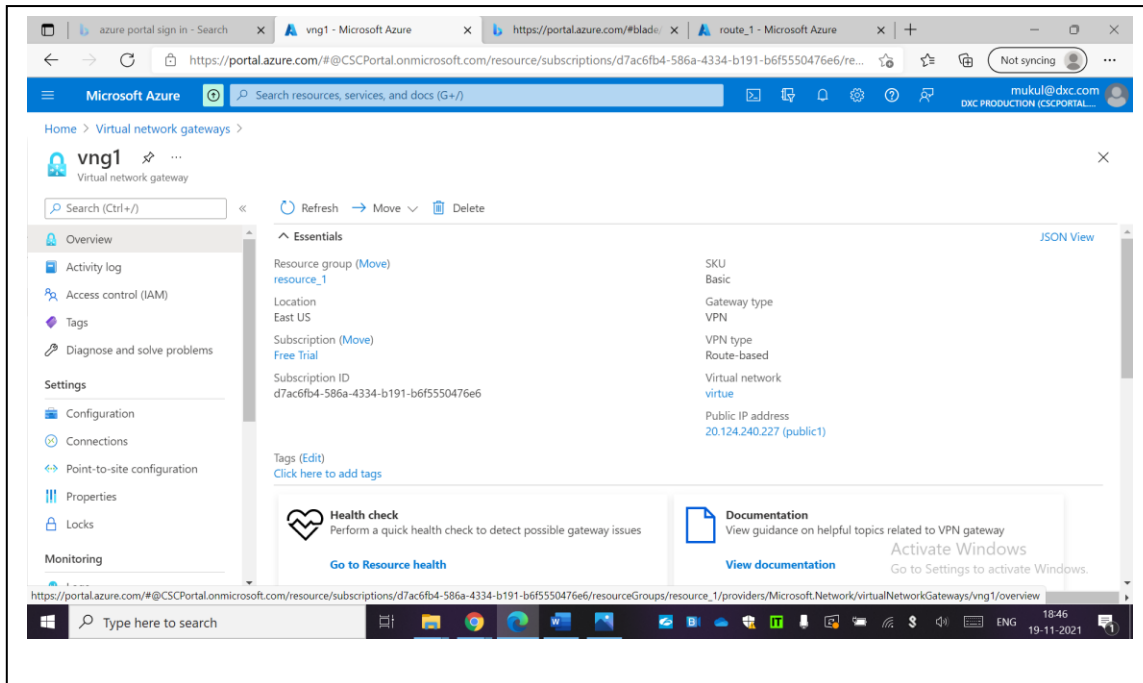
A blue "Create" button is located at the bottom of the configuration section. The left sidebar shows the "Virtual networks" page with a "Create" button. The bottom of the screen shows a Windows taskbar with the time 17:04 on 19-11-2021.

2. Create 3 virtual machines one Linux(centos/ubuntu) and 2 windows, add them in ducksubnet and check availability with ping command.

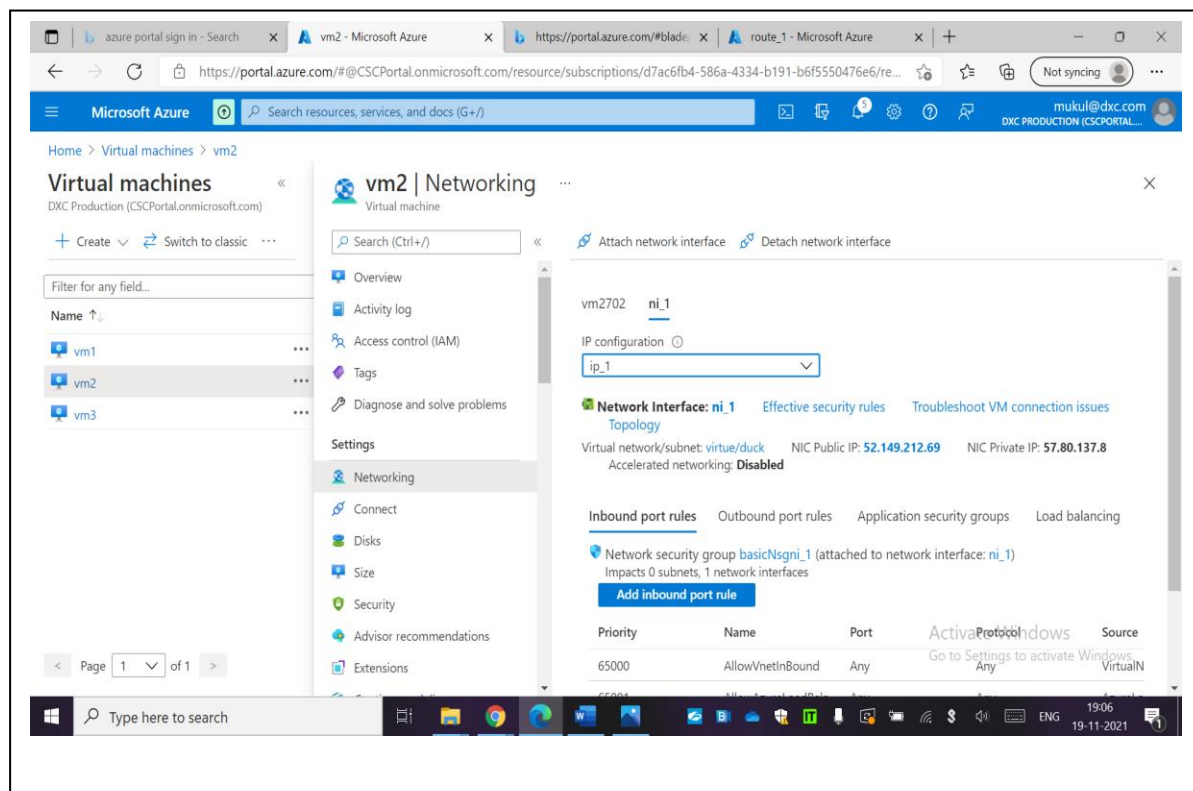
The screenshot displays the Microsoft Azure portal interface. On the left, the 'Virtual machines' section is visible, showing a list of VMs: vm1, vm2, and vm3. The main area is titled 'Run Command Script' for the selected VM 'vm2'. It shows a PowerShell script being executed: `1 ping 20.124.1.204`. The output of the script is displayed in a terminal window, showing three 'Request timed out.' messages. The top navigation bar indicates the user is logged in as 'mukul@dx.com' and the current page is 'Run Command Script - Microsoft Azure'.



3. Create virtual network gateway for Virtue.



4. Add extra NIC to both windows machine and create a public ip for that them.



vm3 - Microsoft Azure

https://portal.azure.com/#blade/...

route_1 - Microsoft Azure

https://portal.azure.com/#@CSCPortal.onmicrosoft.com/resource/subscriptions/d7ac6fb4-586a-4334-b191-b6f550476e6/re...

Microsoft Azure

Search resources, services, and docs (G+)

mukul@dx.com

DXC PRODUCTION (CSCPORTAL...

Home > Virtual machines > vm3

Virtual machines

DXC Production (CSCPortal.onmicrosoft.com)

+ Create

Switch to classic

Filter for any field...

Name

vm1

vm2

vm3

Page 1 of 1

vm3 | Networking

Virtual machine

Search (Ctrl+)

Attach network interface

Detach network interface

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Networking

Connect

Disks

Size

Security

Advisor recommendations

Extensions

vm3120

ni_2

IP configuration

ipconfig1 (Primary)

Network Interface: vm3120

Effective security rules

Troubleshoot VM connection issues

Virtual network/subnet: virtue/duck

NIC Public IP: vm3-ip

NIC Private IP: 57.80.137.6

Accelerated networking: Disabled

Inbound port rules

Outbound port rules

Application security groups

Load balancing

Network security group vm3-nsg (attached to network interface: vm3120)

Impacts 0 subnets, 1 network interfaces

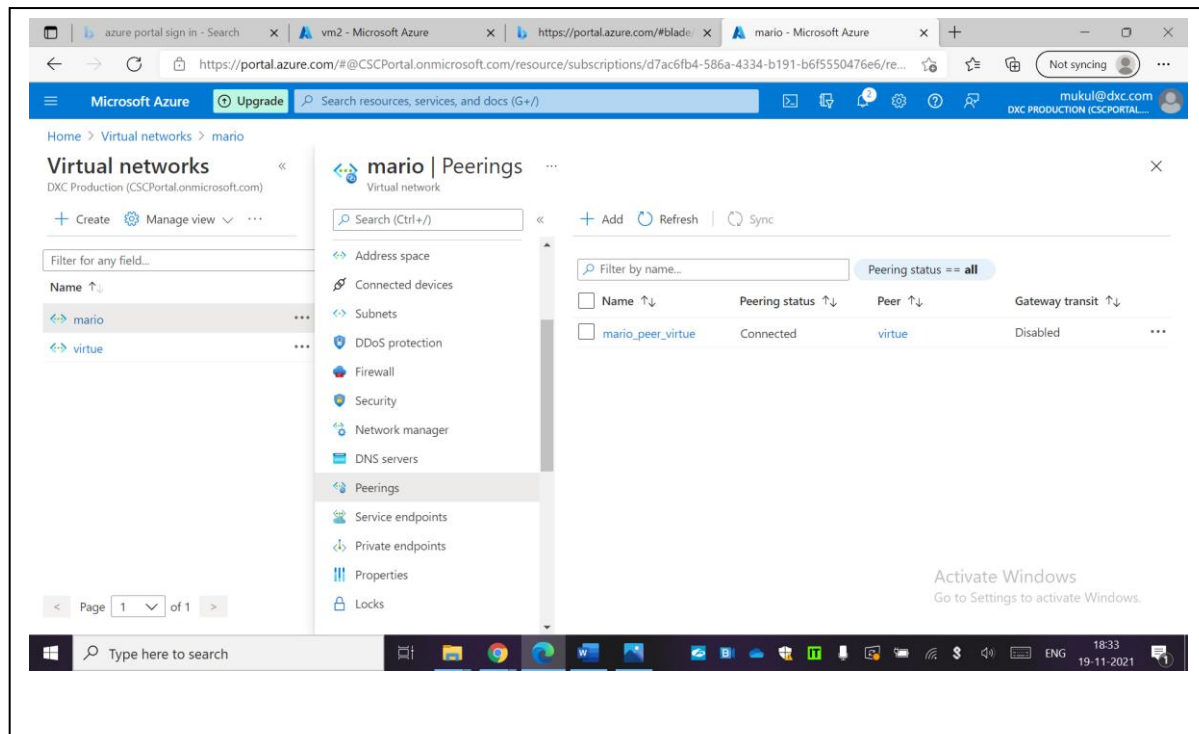
Add inbound port rule

Priority	Name	Port	Protocol	Source
300	RDP	3389	TCP	Any

Active Windows

Go to Settings to activate Windows.

5. Create new virtual network named as Mario, and create peering with Virtual Network(Virtue).



6. Create dynamic routing table and add to any created subnet.

The screenshot displays the Microsoft Azure portal interface. The top navigation bar shows the 'route_1' resource selected. The left sidebar contains a navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Settings, Configuration, Routes, Subnets, Properties, Locks, Monitoring, and Alerts. The main content area is titled 'route_1' and shows the 'Overview' tab. It displays the subscription information (Subscription ID: d7ac6fb4-586a-4334-b191-b6f5550476e6) and a table of routes. The routes table is currently empty, showing 'No results.' Below the routes table, there is a section for subnets, which also shows 'No results.' The bottom of the screen shows the Windows taskbar with the search bar and system tray.

Home > Route tables >

route_1
Route table

Search (Ctrl+/)

Subscription (Move)
[Free Trial](#)
Subscription ID
d7ac6fb4-586a-4334-b191-b6f5550476e6
Tags (Edit)
[Click here to add tags](#)

Routes

Search routes

Name	Address prefix	Next hop type	Next hop IP address
No results.			

Subnets

Search subnets

Name	Address range	Virtual network	Security group
duck	57.80.137.0/24	virtue	

- Activate Windows
Go to Settings to activate Windows.