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C L O U D

Azure Cloud Computing

June-July '20

Minor Project 1

Under guidance of - **Mr. Rajdeep Das sir (Verzeo)**

CONTENTS

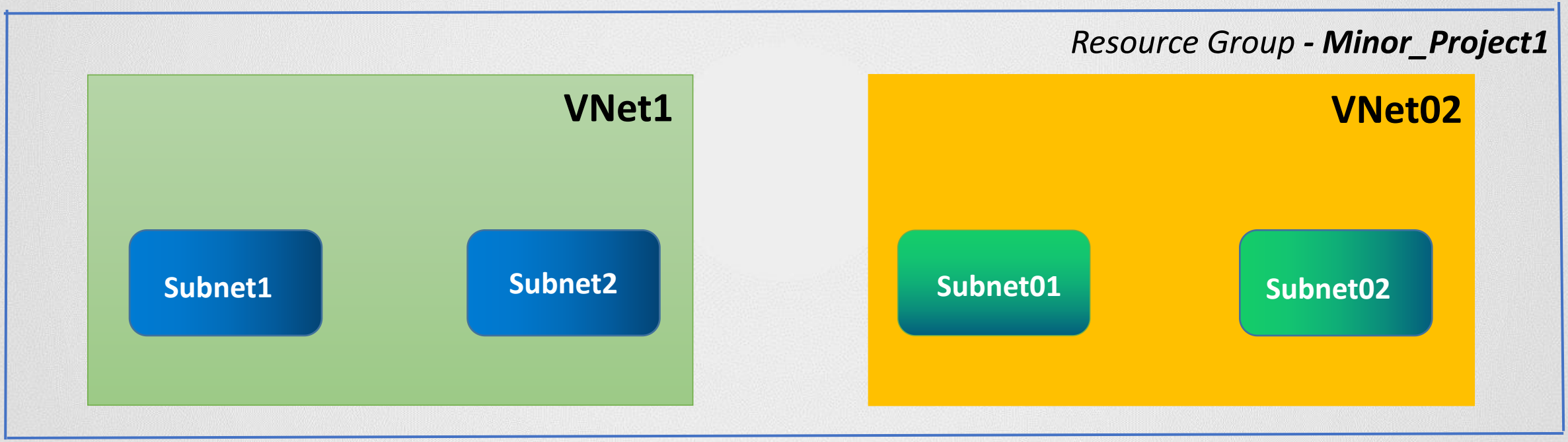
- Create 2 Vnets – Vnet 1 and Vnet 2
- Create 2 Subnets in each Vnet.
- Create VM each Vnet1 and 2
- Assign Public IP to VM in Vnet 1.
- Peer Vnet 1 and 2
- Login to Vm1 and if peering is successful you should be able to login to VM in Vnet 2
- Create a data disk and attach to VM 1
- Logon to VM and initialize the disk

Creating Virtual Networks and Subnets

Creating Resource Group-Creating 2 VNets (Virtual Networks) each containing 2 Subnets

1. We first create a Resource group of name - **Minor_Project1**
2. We then create 2 VNet -

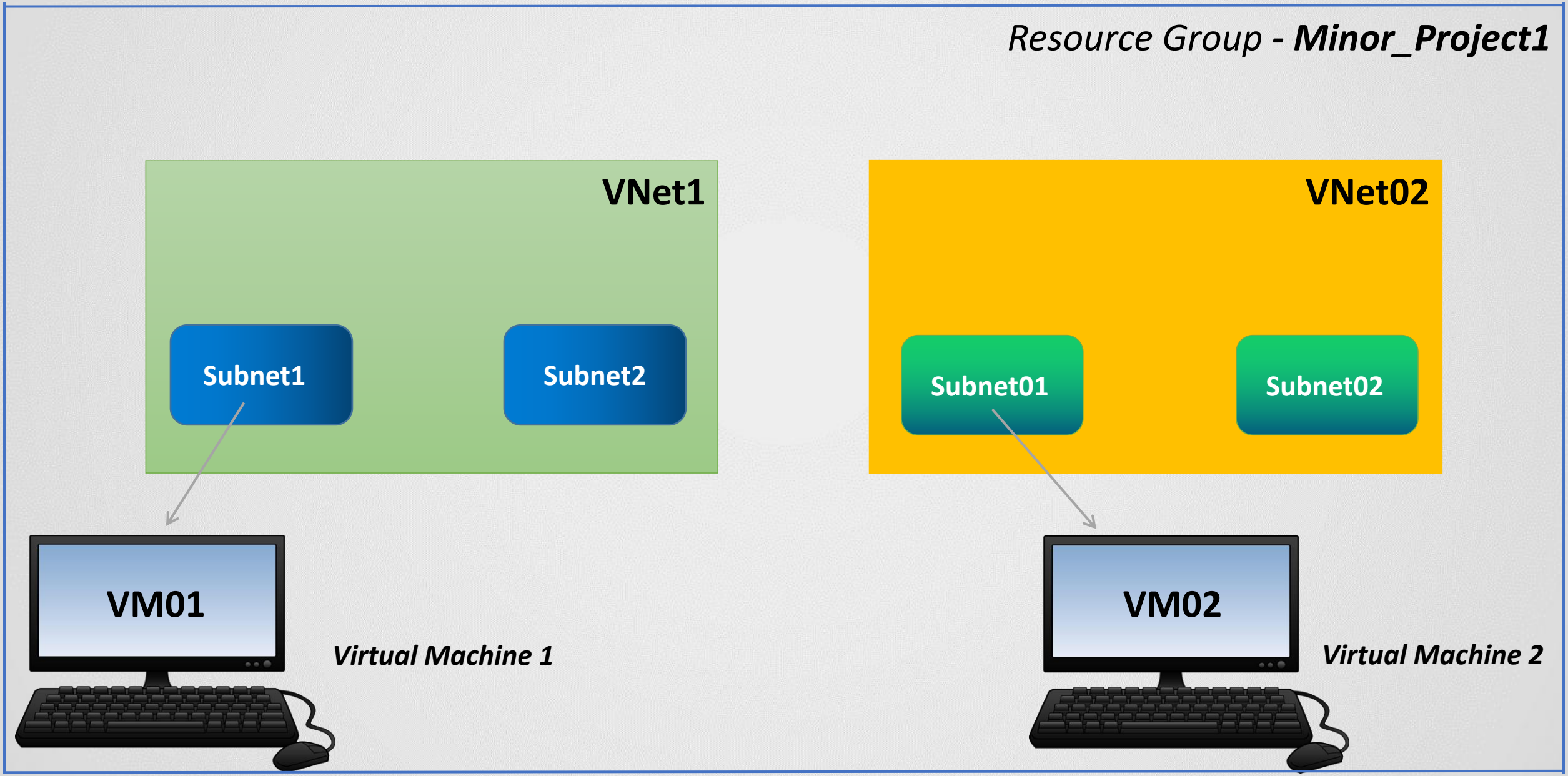
VNet1 with a reserved CIDR block of *192.168.0.0/16* containing 2 subnets
a. **Subnet1**, using *192.168.1.0/24* as its CIDR block.
b. **Subnet2**, using *192.168.2.0/24* as its CIDR block.



VNet02 with a reserved CIDR block of *10.0.0.0/20* containing 2 subnets
a. **Subnet01**, using *10.0.0.0/24* as its CIDR block.
b. **Subnet02**, using *10.0.1.0/24* as its CIDR block.

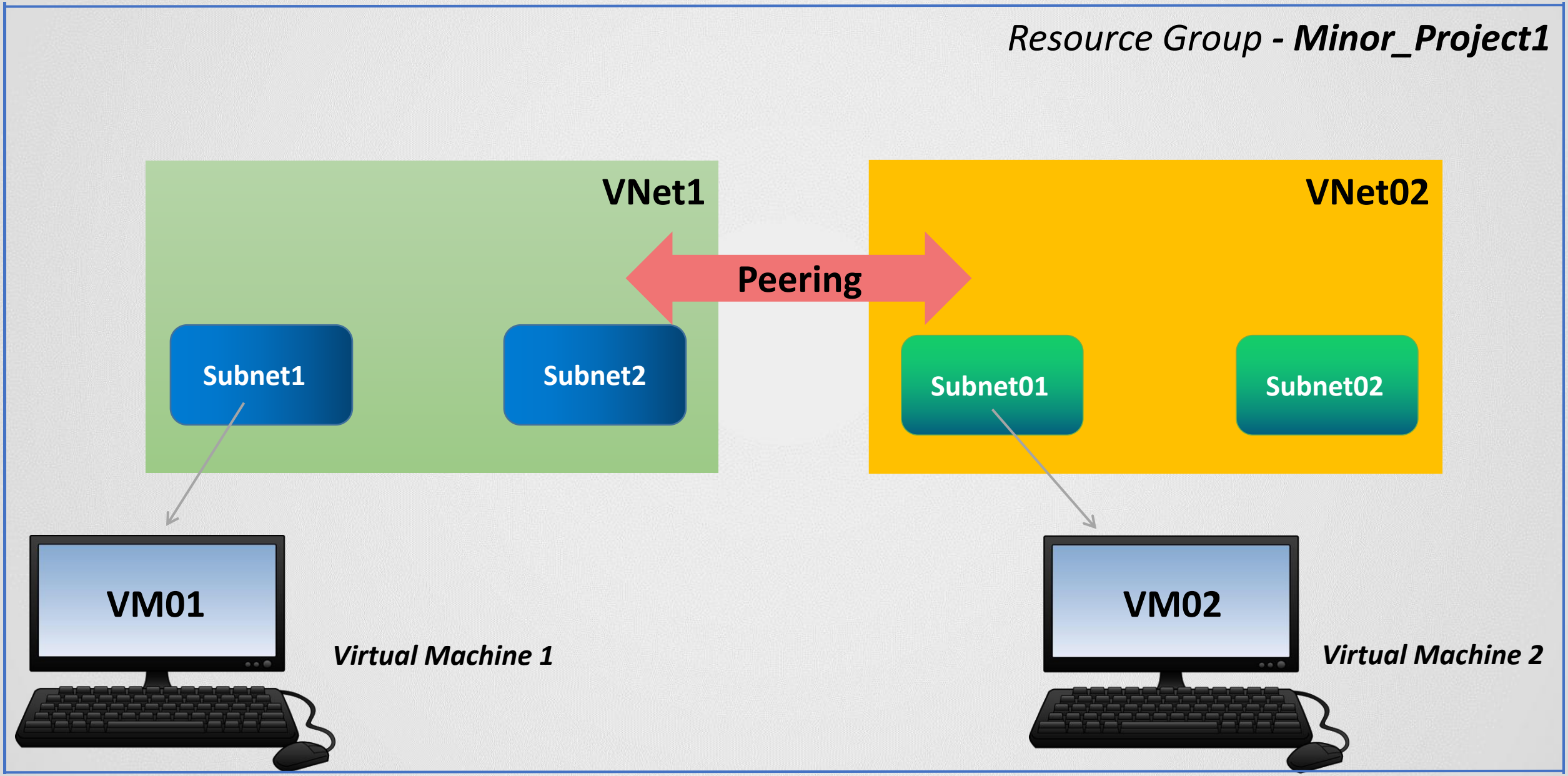
Creating Virtual Machines for each VNets

Creating Virtual Machines for each VNets -



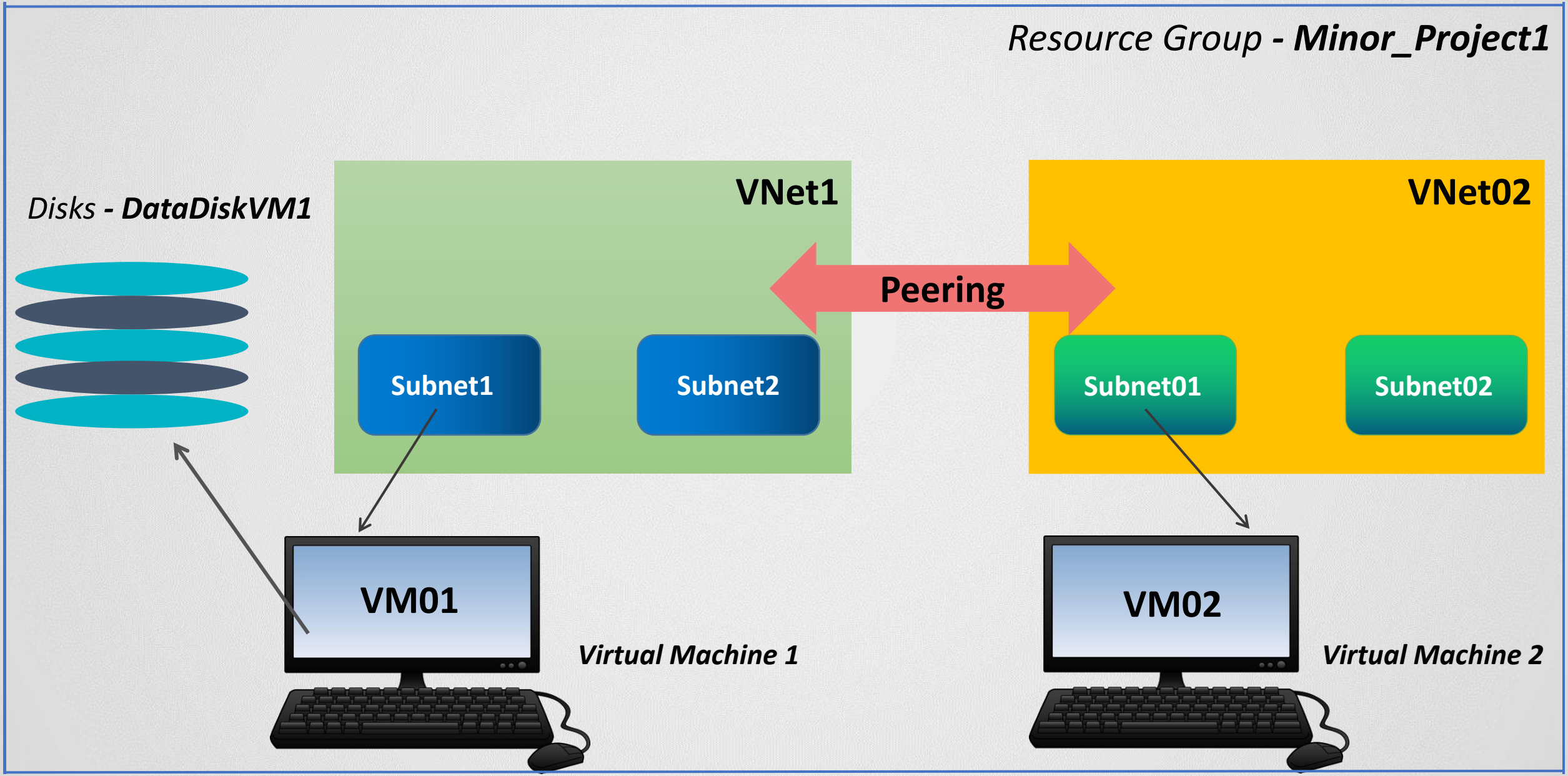
Peering

Peering VNet1 and VNet02 - if peering is successful then we can login to VM02 from VM1

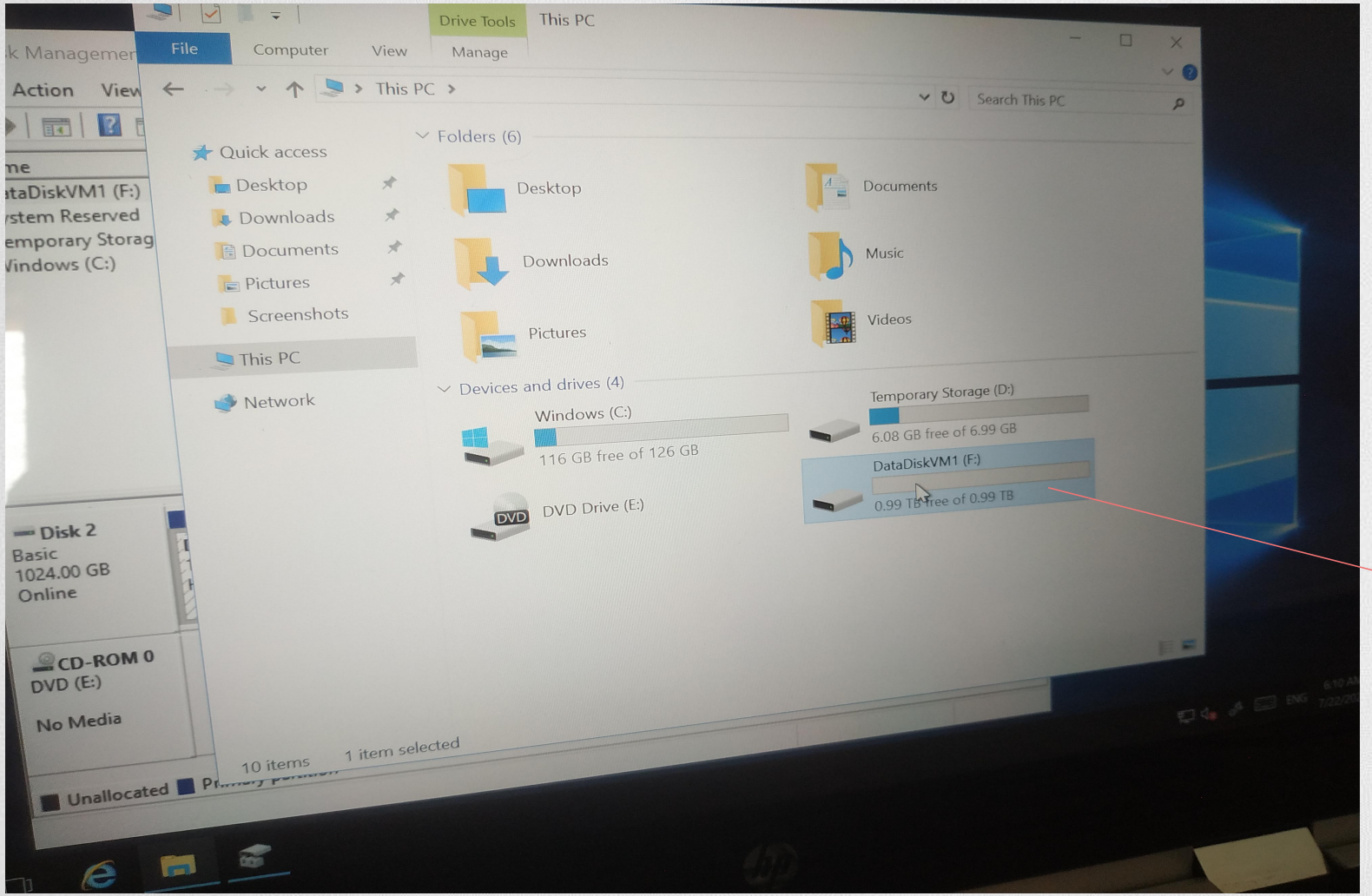


Creating Data Disk and attaching to Virtual Machine

Creating a data disk and attach to VM 1- Logon to VM and initialize the disk



Initializing the Disk in Virtual Machine 1(VM 01) -



Data Disk in Virtual Machine 1

Bibliography -

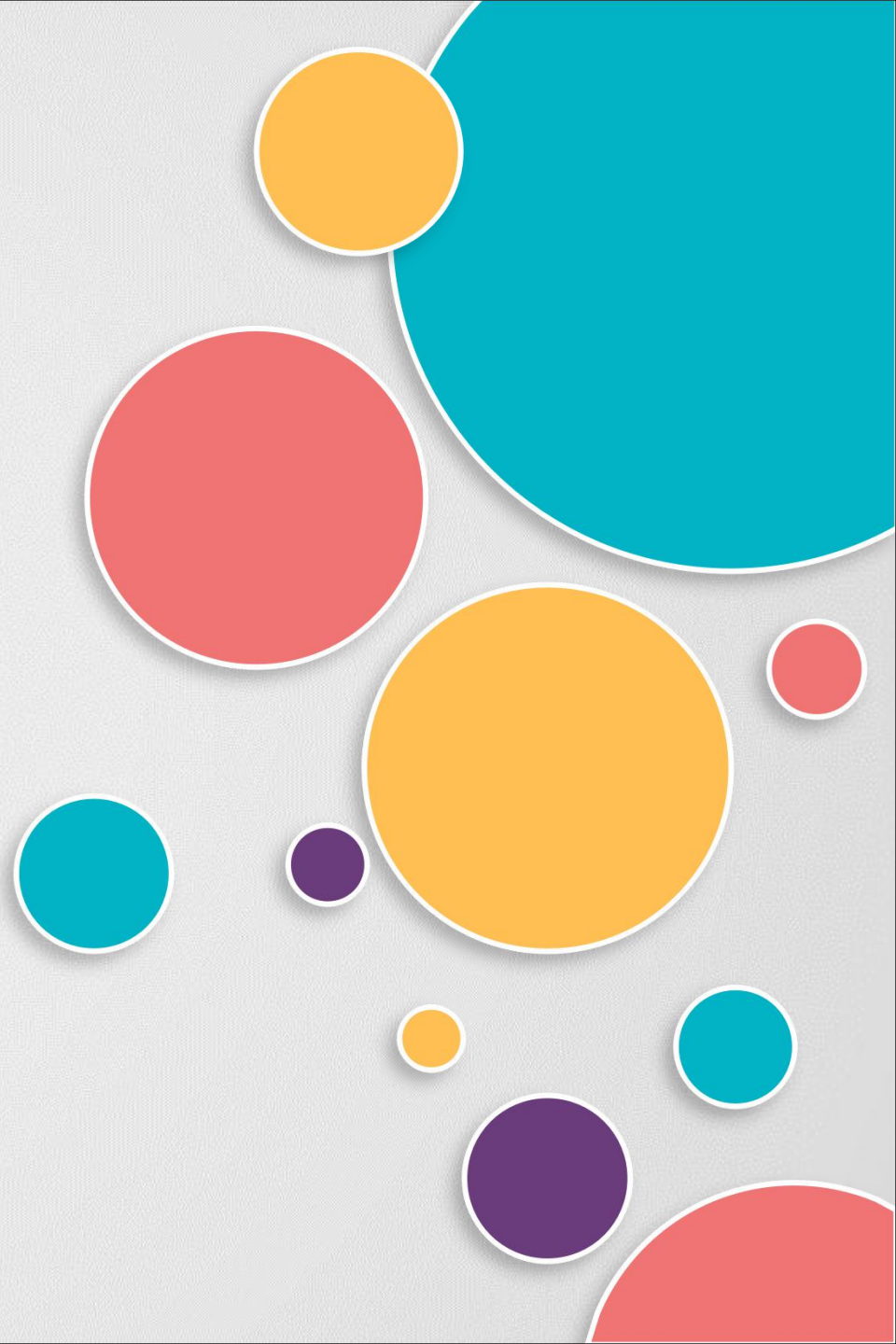
Verzeo LMS portal - recorded videos of class

https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/01-Create%20a%20virtual%20machine.html

https://microsoftlearning.github.io/AZ-900T0x-MicrosoftAzureFundamentals/Instructions/Walkthroughs/01-Create%20a%20virtual%20machine.html

https://docs.microsoft.com/en-us/azure/virtual-machines/windows/attach-disk-ps

KEYS

THANK YOU

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