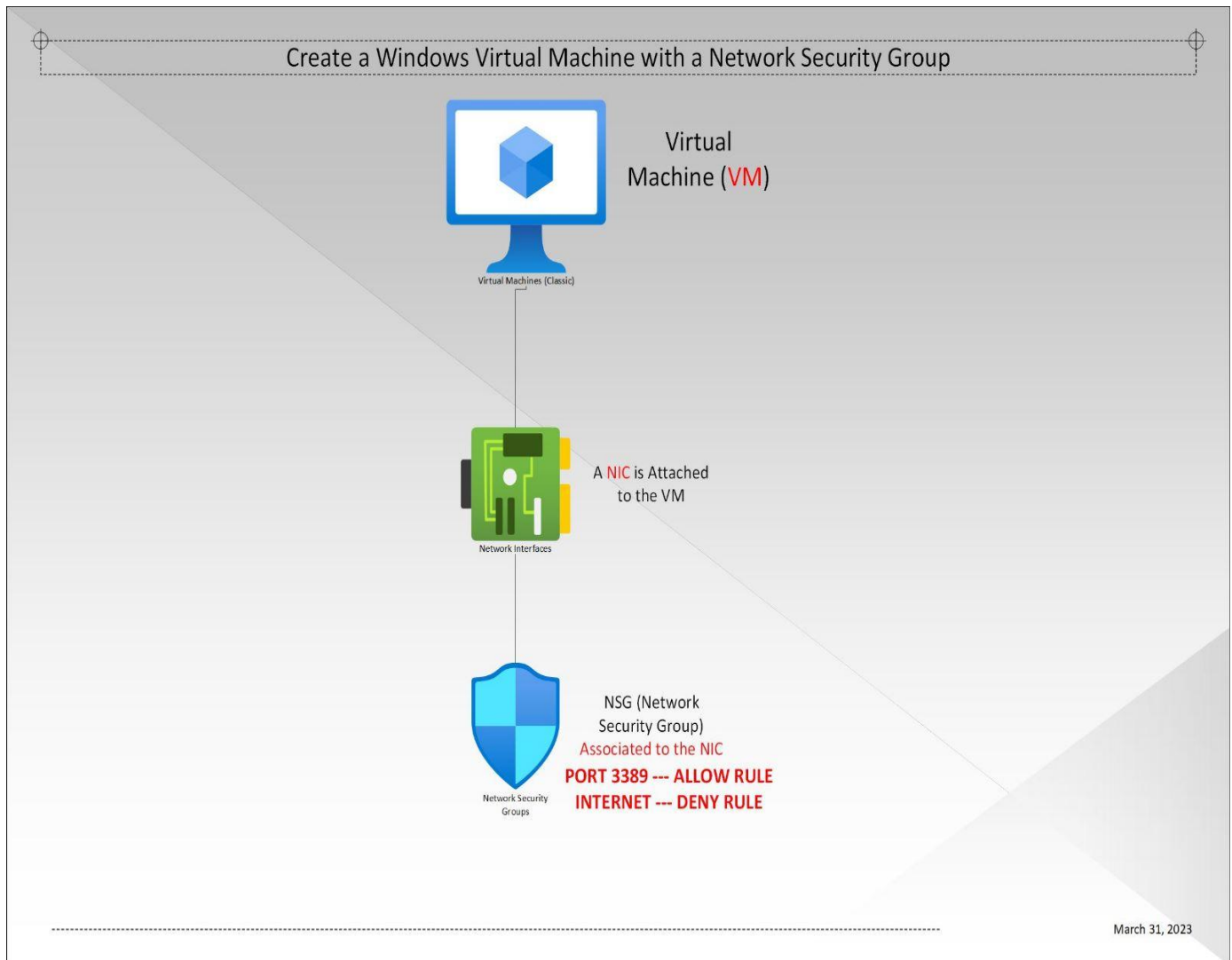


## ARCHITECTURE AND COMPONENTS



VIRTUAL NETWORK

RESOURCE GROUP

CREATE A VIRTUAL MACHINE NETWORK CALLED DATA-PROTECTIONName= Data-Protection

VN IPaddress = 10.0.0.0 – 10.0.0.255, Size = /24 (256 address)

CREATE A RESOURCE GROUP

NAME : Data-Protection

Location : East US



## VIRTUAL MACHINE DETAILS

Name : Data-protection, Region Canada , Availability options: No infrastructure required, image: Windows Serve 2019 data center VM:Xg4 Gen2 16gig ram, Security group : trusted launch virtual machines, standard memory: D4s\_v3 -4 vcps 16gb memory, OSdisk : premium ssd , cost:usd 274.48/month

A screenshot of the Azure portal showing the 'Overview' page for a deployment named 'CreateVm-MicrosoftWindowsServer.WindowsServer-201-20230403182218'. The page indicates that the 'Deployment is in progress'. It provides details such as the deployment name, subscription ('Azure subscription 1'), resource group ('Data-Protection'), start time ('4/4/2023, 9:26:32 AM'), and correlation ID ('24697ae0-6918-4ca2-a...'). Below this, there is a section for 'Deployment details' which currently shows 'No results.' in a table with columns for Resource, Type, Status, and Operation details. On the right side of the page, there are three promotional banners: 'Microsoft Defender for...' with a link to 'Go to Microsoft Defenc...', 'Free Microsoft tutorial...' with a link to 'Start learning today &gt;', and 'Work with an expert...' with a link to 'Find an Azure expert &gt;'. At the bottom left, there is a 'Give feedback' section with a link to 'Tell us about your experience with deployment'.

CREATE A Network Security interface

Name = Data-Protection



CONFIGURATION OF THE SECURITY GROUP FOR THE VM

NETWORK INTERFACE associate with the Vm

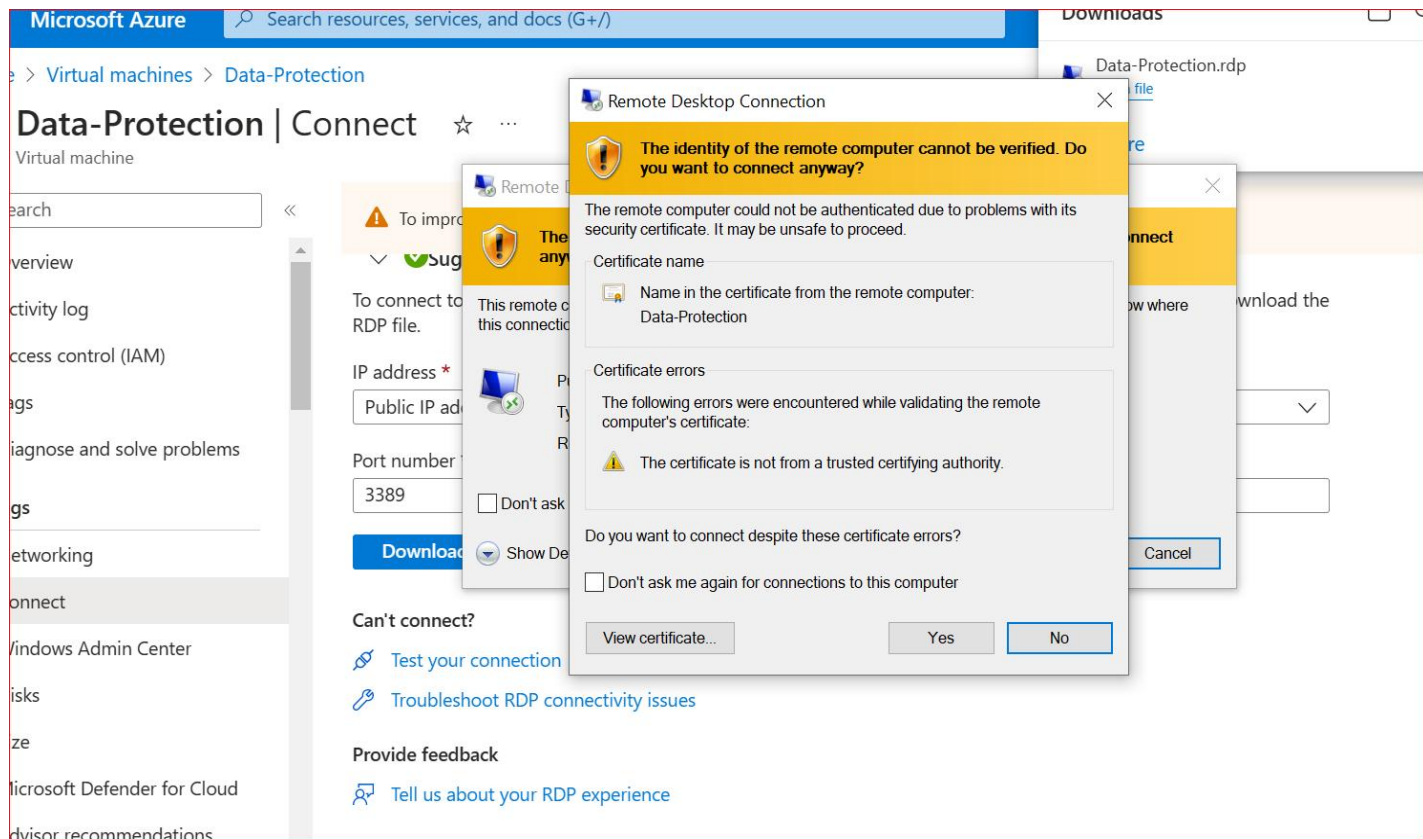
PUBLIC ADDRESS = 20.51.169.47

PRIVATE ADDRESS = 10.0.0.4

INBOUND RULE= RDP(3389) on 250 for network traffic

OUTBOUND RULE= No internet service should be allowed at TCP port any

Connection to the VM using RDP



## TEST OF THE NETWORK SECURITY GROUP

The test was successful, you can log in using this credential

USERNAME = Data-Protection

PASSWORD=Boluwatife20

Home > EngrSam >

SamVPN-nsg  
Network security group

Search << → Move Delete Refresh Give feedback

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Settings
  - Inbound security rules
  - Outbound security rules
- Network interfaces
  - Subnets
  - Properties
  - Locks

Created by : Engr Sam Confidentiality : Internal More (1)

Priority	Name	Port	Protocol	Source	Destination	Action
Inbound Security Rules						
1010	Admin_TCP	943	TCP	Any	Any	Allow
1020	TCP_Connection	443	TCP	Any	Any	Allow
1030	UDP_Connection	1194	UDP	Any	Any	Allow
1040	Cluster_Port	945	TCP	Any	Any	Allow
1050	default-allow-ssh	22	TCP	Any	Any	Allow
1060	AllowAnyRDPInbo...	3389	TCP	Any	10.3.0.8	Allow
1070	AllowAnyRDPInboundd	3389	TCP	Any	10.3.0.0/16	Allow
65000	AllowVnetInBound	Any	Any	VirtualNetwork	VirtualNetwork	Allow

Server Manager • Local Server

Dashboard Local Server All Servers File and Storage Services

PROPERTIES For NsgVmVm

Computer name: NsgVmVm Last installed updates: Today at 10:27 PM

Can't reach this page

Make sure the web address is correct

Search for this site on Bing

Refresh the page

More information

Fix connection problems

System 4/5/2023 10:26:43 PM

System 4/5/2023 10:26:41 PM