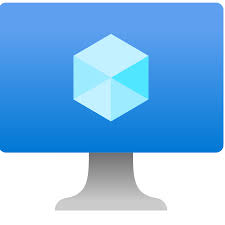
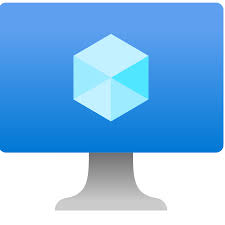
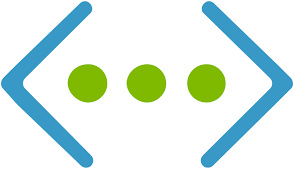
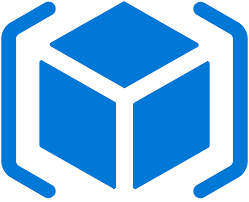
**Terraform Project**

Architecture



Staging Group

Azure Virtual Network

Staging Network

10.0.0.0.0/16

Web-Subnet

10.0.0.0/24

DB-Subnet

10.0.1.0/24

Azure Bastion-subnet

10.0.1.0/24

subnet

Web-VM

DB-VM

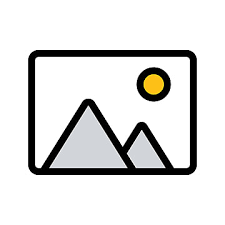
Web-NSG

DB-NSG



Azure Storage

Account



* Web-VM would be hosting an ASP.NET application that would connect to the database hosted on DB-subnet.
* DB-VM would be hosting Microsoft SQL Server 2019
* Web-VM would have a public IP address that would accept connections from the internet
* DB-VM would not have a Public IP address assigned
* RDP connections need to be made via the azure bastion host
* Web-VM would connect to the azure storage account
* The azure storage account would contain images that would be picked up by the Web application

Our Web- Application

Our application would be displaying the content from the sql db and images from the storage account as specified in ASP.NET code.

DB VM Login

Take bastion to check if tables are created inside with creds:

Username: dbusr

Password: Azure@123

Inside sql server management studio:

Creds: sqladmin

Password: Azure@1234

Authentication type: sql server authentication

Webvm login creds:

Username: webusr

Password: Virtualmachine@123