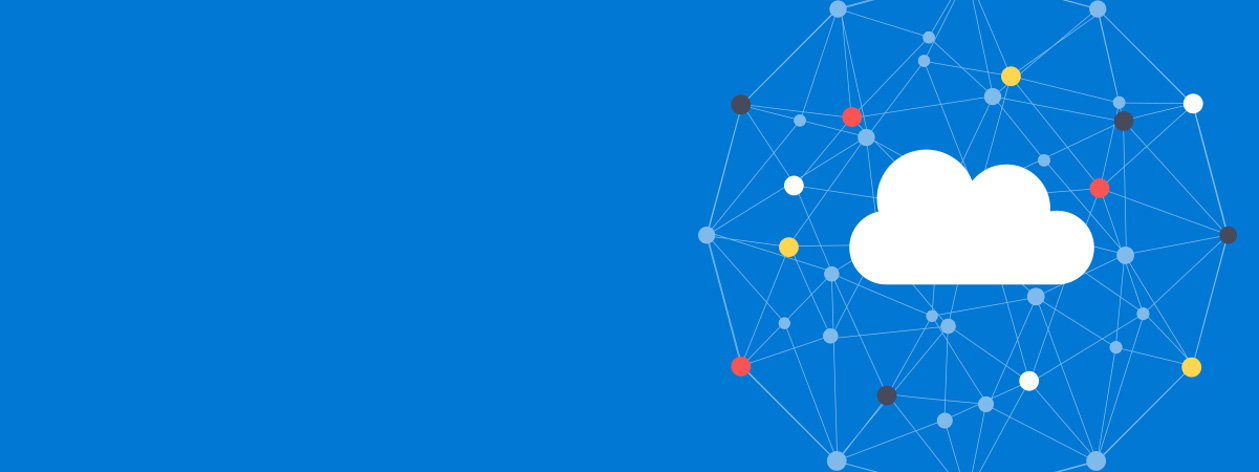


Case Study – Azure Terraform

Cloud Operations Engineer

Working screenshots

Akhil Dsouza



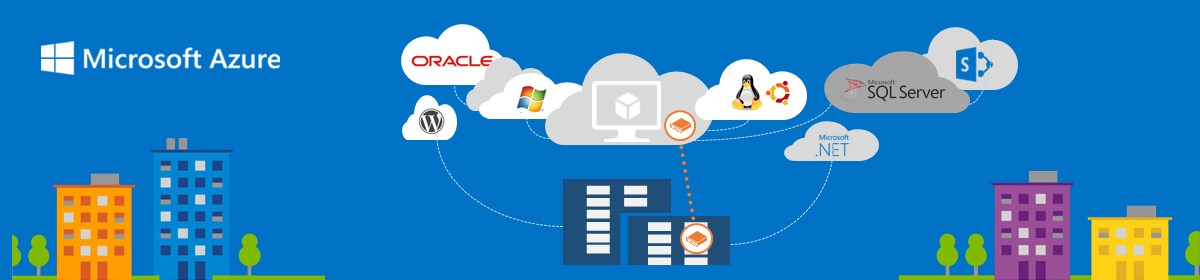


Table of Contents

[Create a project folder 3](#_Toc77536572)

[Create providers.tf 3](#_Toc77536573)

[Create variables.tf 3](#_Toc77536574)

[South east Asia region 4](#_Toc77536575)

[Create a resource group 4](#_Toc77536576)

[Create a network security group 5](#_Toc77536577)

[Associate NSG with Subnet 5](#_Toc77536578)

[Create availability set 5](#_Toc77536579)

[Create Webserver1 6](#_Toc77536580)

[Create webserver2 7](#_Toc77536581)

[NSG and public IP for jumpserver 8](#_Toc77536582)

[Create jumpserver 8](#_Toc77536583)

[Create Load balancer with public IP, LB rule, backend pool and health probe 9](#_Toc77536584)

[Inbound NAT and backend pool configuration 10](#_Toc77536585)

[East us region 11](#_Toc77536586)

[Create a resource group 11](#_Toc77536587)

[Create VNET and Subnets 11](#_Toc77536588)

[Create NSG and assign it to subnet 11](#_Toc77536589)

[Create server11 12](#_Toc77536590)

[Create VNET peering 13](#_Toc77536591)

[Create Storage account with ZRS 13](#_Toc77536592)

[Create file share 14](#_Toc77536593)

[Create storage account in SEA with GRS 14](#_Toc77536594)

[Generate SAS 15](#_Toc77536595)

[Create users 16](#_Toc77536596)

[Add roles 16](#_Toc77536597)

[Install IIS 17](#_Toc77536598)

[Inbound NAT and internal ip addresses access 18](#_Toc77536599)

[VNET Diagram 19](#_Toc77536600)

[South east Asia 19](#_Toc77536601)

[East US 19](#_Toc77536602)

|  |
| --- |
| Create a project folder  Create providers.tf  Create variables.tf  South east Asia regionCreate a resource group   Create VNET with subnets   Create a network security group  Associate NSG with Subnet  Create availability set  Create Webserver1  Create webserver2  NSG and public IP for jumpserver  Create jumpserver  Create Load balancer with public IP, LB rule, backend pool and health probe  Inbound NAT and backend pool configuration      East us regionCreate a resource group  Create VNET and Subnets  Create NSG and assign it to subnet  Create server11  Create VNET peering    Create Storage account with ZRS  Create file share    Create storage account in SEA with GRS  Generate SAS  Create users  Add roles      Install IIS    Inbound NAT and internal ip addresses access    VNET DiagramSouth east Asia  East US |