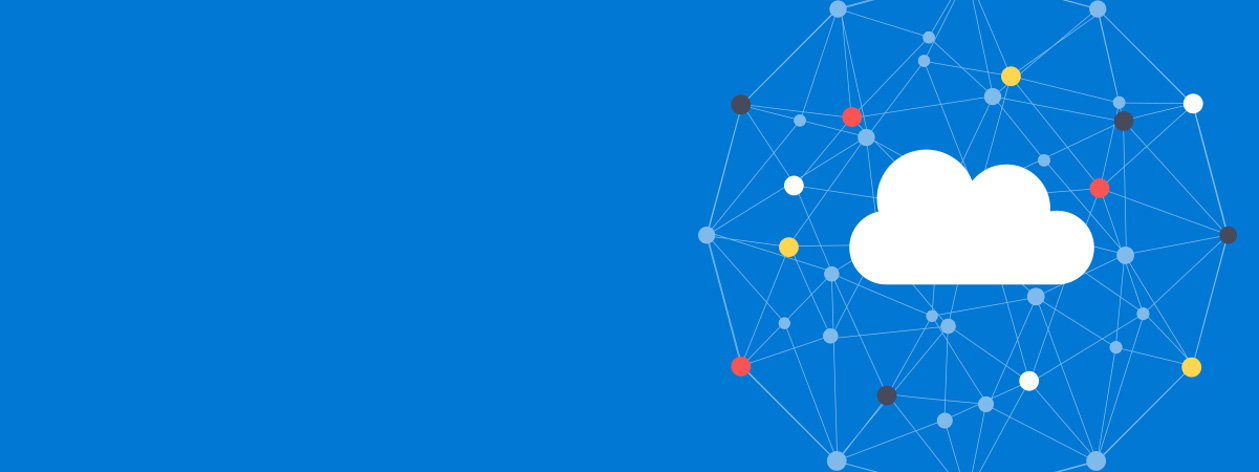


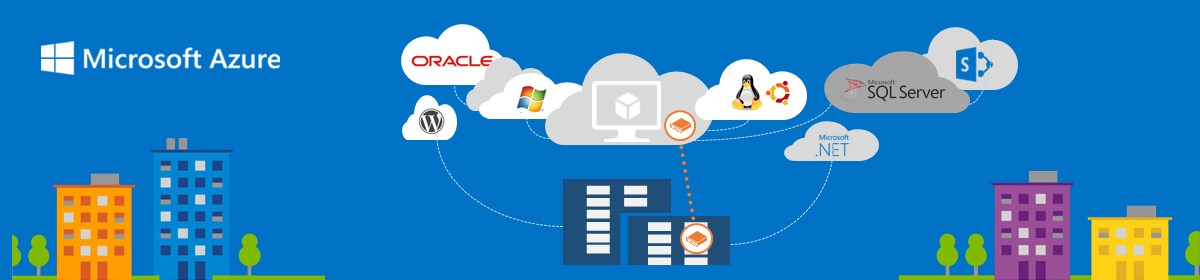
Case Study

Cloud Operations Engineer

List of Activities

Akhil Dsouza





* South East Asia region

1. Create a resource group - RG-SEA-NilavembuHerbs
2. Create a Virtual network - vnet-test-SEA-NilavembuHerbs001
3. Create Subnets for webservers and Jumphost
4. Create an Availability set
5. Create a Public Load Balancer - lb-test-webservers001
6. Create Health Probe and Backend pool
7. Create a load balancer Rule with Client affinity
8. Create a Virtual Machine – Webserver001 and add it to Backend pool
9. Create a Virtual Machine – Webserver002 and add it to Backend pool
10. Install webserver feature using run command feature
11. Create a Jumphost - vm-test-jumphost
12. Create an NSG for Webservers
13. Use Jumphost to upload contents to web servers
14. Create an Inbound NAT rule to allow RDP from internet
15. Create a Backup and Site Recovery
16. Create an alert Rule
17. Create an Action Group – VM admin
18. Set an Alert Rule - rule-CPU80

* East US region

1. East US Resource group
2. Create a VNET for East US region - vnet-test-EastUS-NilavembuHerbs001
3. Create a VM - vm-test-Server11
4. Add a VNET peering to Connect both VNETS across multiple regions

* Storage Requirements

1. Create a Storage account in East US region with ZRS
2. Generate Storage access keys
3. Connect to Storage account using Azure Storage Explorer
4. Create a File share
5. Create a storage account in South East Asia Location with GRS

* Azure Resource Management

1. Create vmadmin User -Azure Active Directory
2. Create a new group and add the user to vmadmin group
3. Create backupadmin user – Azure Active Directory
4. Add Role – RBAC.
5. Add Virtual Machine Administrators login role to vmadmin group.
6. Navigate to East US resource group and add “Backup contributor” role to backup\_admin group.