

1. Use the resource group **cloud_training**. All resources to be created will be under the **cloud_training** resource group.
2. Create a storage account in the East US region in the above resource group.
3. Create a container and 3 folders inside the container
4. Copy the files to the above created folders
5. Create a flask app that get the folder name and lists the filename present in the corresponding. Use Azure SDK for blob storage to establish the client connection and list the files inside the folders
6. Create a VNET with one subnet in East US region
7. Create a VM(vm type:Standard_A2_v2) with public ip and 10GB disk in the above resource group and inside the vnet and subnet created above. Pls make sure to create the VM in East US region
8. Deploy the flask app to the vm
9. Configure inbound traffic to the vm only from tiger vpn. In other words, Flask app should be accessible only from tiger vpn.
10. Get the billing information for the resource group created(use tags created for filter) and update screenshot in the readme
11. Create a branch and push the code. Pls make sure readme is descriptive.
12. Raise the PR and add the flask app url in the PR

Important: Delete the resources in the azure that you have created for this assignment

References:

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/manage-resource-groups-portal>

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/tag-resources?tabs=json#portal>

<https://docs.microsoft.com/en-us/azure/storage/common/storage-account-create?tabs=azure-portal>

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-quickstart-blobs-python?tabs=environment-variable-windows>

<https://docs.microsoft.com/en-us/azure/virtual-network/quick-create-portal>

<https://docs.microsoft.com/en-us/azure/virtual-network/manage-network-security-group>

<https://docs.microsoft.com/en-us/azure/cost-management-billing/cost-management-billing-overview>