You work as an Azure professional for a Corporation. You are assigned the task of implementing the below architecture for the company's website.

There are three web pages to be deployed:

- 1. The home page is the default page (VM2)
- 2. The upload page is where you can upload the files to your Azure Blob Storage (VM1)
- 3. The error page for 403 and 502 errors

Application Gateway has to be configured in the following manner:

- 1. Example.com should be pointed to the home page
- 2. Example.com/upload should be pointed to the upload page
- 3. Application Gateway's error pages should be pointed to error.html which should be hosted as a static website in Azure Containers. The error.html file is present in the GitHub repository

The term 'Example' here refers to the Traffic Manager's domain name. The client wants you to deploy them in the Central US and the West US regions such that the traffic is distributed optimally between both regions.

Storage Account has to be configured in the following manner:

- 1. You need to host your error.html as a static website here, and then point the application gateway's 403 and 502 errors to it.
- 2. Create a container named upload, this will be used by your code to upload the files.

Technical specifications for the deployments are as follows:

- 1. Deployments in both regions should have VMs inside VNets.
- 2. Clone the GitHub repo https://github.com/azcloudberg/azproject to all the VMs.
- 3. On VM1, please run vm1.sh this will deploy the upload page, on VM2 please run VM2.sh, this will install the home page.
- 4. For running the scripts, please run the following command inside the GitHub directory from the terminal.

VM1: ./vm1.sh

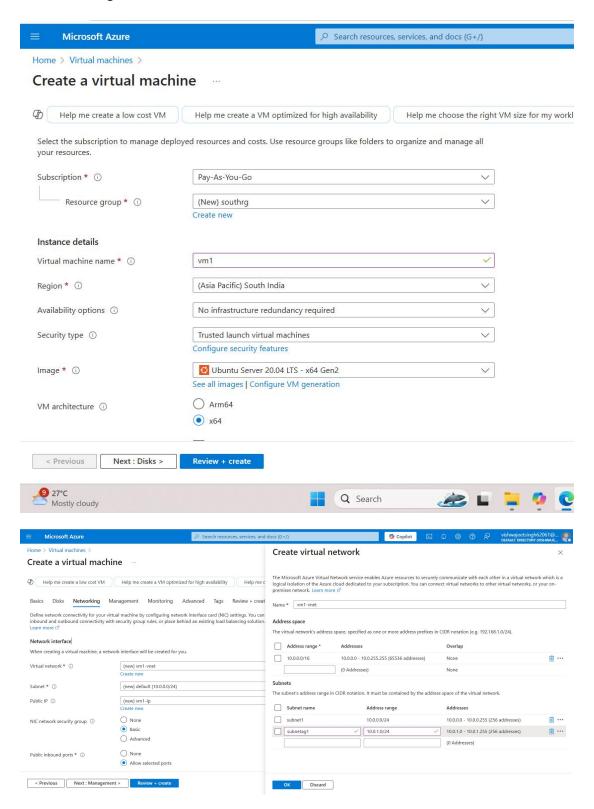
VM2: ./vm2.sh

- 5. After running the scripts, please edit the config.py file on VM1, and enter the details related to your storage account where the files will be uploaded.
- 6. Once done, please run the following command: sudo python3

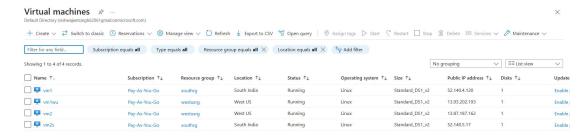
# app.py

- 7. Both regions should be connected to each other using VNet-VNet Peering.
- 8. Finally, your Traffic Manager should be pointing to the application gateway of both the regions.

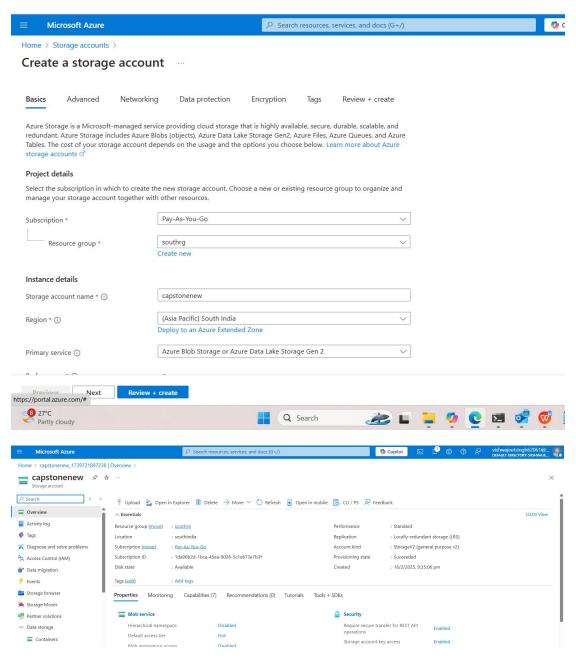
# Lets create 4 vms, 2 will be created in south india and 2 in west us with ubuntu image



#### Created 4 vms similarly

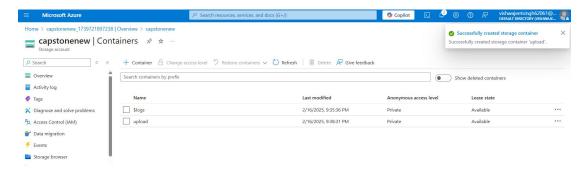


Now lets create storage account and lest create container and static website

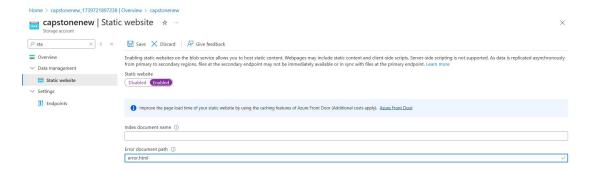


We are done creating the storage account

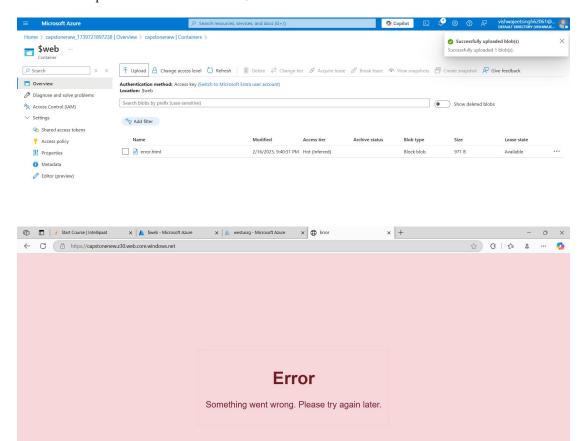
#### Now lets create the container



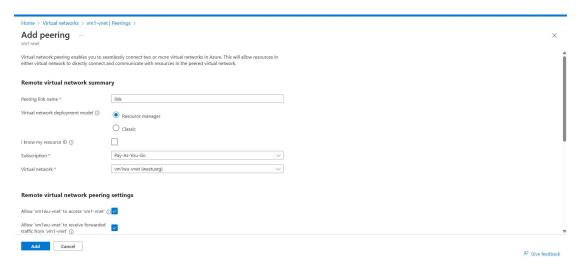
#### Now lets create static website



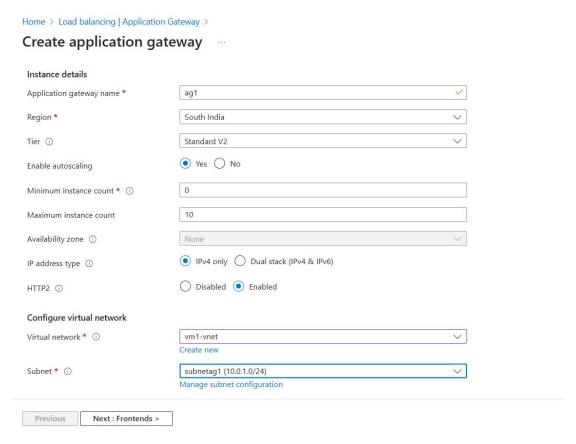
#### Now we will upload the error .hmtl file in \$web conatiner



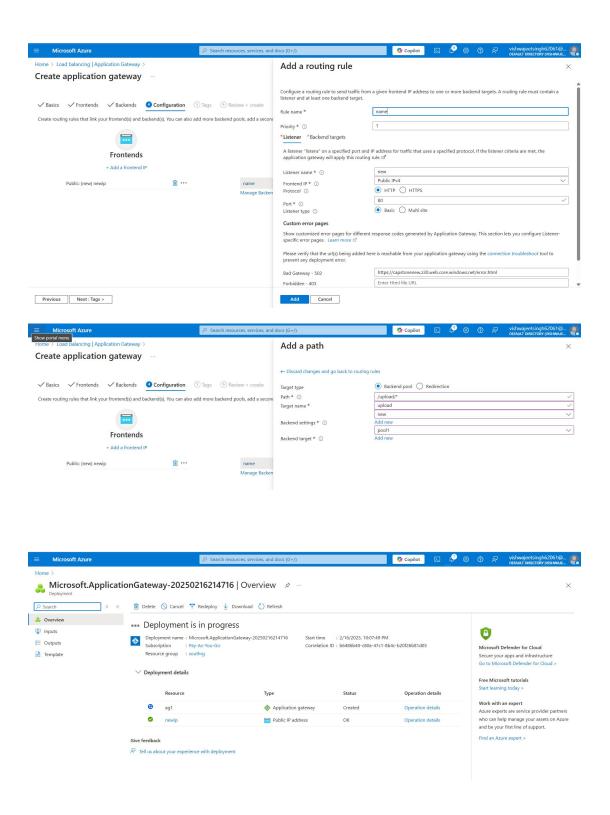
## Now lets setup vnet-vnet pairing



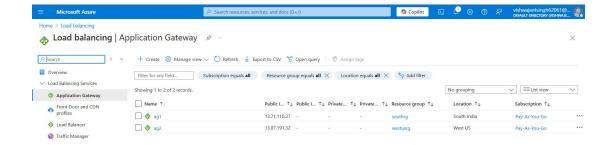
Now lets create two application gateway



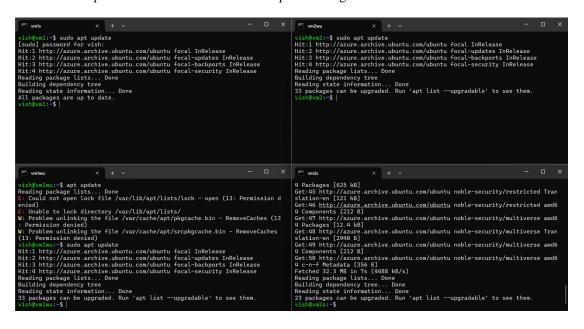
Now lets setup two application gatway for both regions

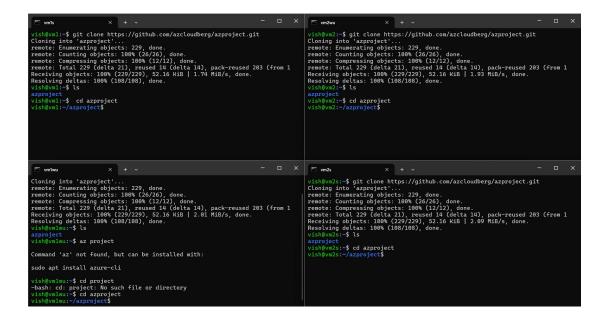


Same way we will deploy second application gateway



Now we will update the machine and clone the repo of from github



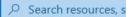


```
vm2wu
vish@vm2:~/azproject$ ls
README.md config.py
                         index.html vm1.sh
                        templates
            error.html
app.py
                                      vm2.sh
vish@vm2:~/azproject$ ./vm2.sh
Hit:1 http://azure.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu focal-backports InRelease Hit:4 http://azure.archive.ubuntu.com/ubuntu focal-security InRelease
Reading package lists... Done
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libjansson4 liblua5.2-0
  ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
  openssl-blacklist
 vm2s
Receiving objects: 100% (229/229), 52.16 KiB | 2.09 MiB/s, done.
Resolving deltas: 100% (108/108), done.
vish@vm2s:~$ ls
azproject
vish@vm2s:~$ cd azproject
vish@vm2s:~/azproject$ ./vm2.sh
Hit:1 http://azure.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu noble-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu noble-security InRelease
Reading package lists... Done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64
  libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0
  ssl-cert
Suggested packages:
```



```
remote: Counting objects: 100% (26/26), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 229 (delta 21), reused 14 (delta 14), pack-reused 203 (from 1
Receiving objects: 100% (229/229), 52.16 KiB | 1.74 MiB/s, done.
Resolving deltas: 100% (108/108), done.
vish@vm1:~$ ls
azproject
vish@vml:~$ cd azproject
vish@vm1:~/azproject$ sudo nano config.py
vish@vm1:~/azproject$ sudo nano config.py
vish@vm1:~/azproject$ ./vm1.sh
Rules updated
Rules updated (v6)
Hit:1 http://azure.archive.ubuntu.com/ubuntu focal InRelease
Get:2 http://azure.archive.ubuntu.com/ubuntu focal-updates InRelease [128 kB
Get:3 http://azure.archive.ubuntu.com/ubuntu focal-backports InRelease [128
Get:4 http://azure.archive.ubuntu.com/ubuntu focal-security InRelease [128 k
                                                                                        vm1wu
Command 'az' not found, but can be installed with:
sudo apt install azure-cli
vish@vm1wu:~$ cd project
-bash: cd: project: No such file or directory
vish@vm1wu:~$ cd azproject
vish@vm1wu:~/azproject$ sudo nano config.py
vish@vm1wu:~/azproject$ sudo nano config.py
vish@vm1wu:~/azproject$ sudo nano config.py
vish@vmlwu:~/azproject$ sudo nano config.py
vish@vmlwu:~/azproject$ sudo nano config.py
vish@vmlwu:~/azproject$ ./vml.sh
Rules updated
Rules updated (v6)
Hit:1 http://azure.archive.ubuntu.com/ubuntu focal InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu focal-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu focal-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu focal-security InRelease
```





Home > Load balancing | Traffic Manager >

# Create Traffic Manager profile



# View automation template

## **Basics**

Subscription Pay-As-You-Go

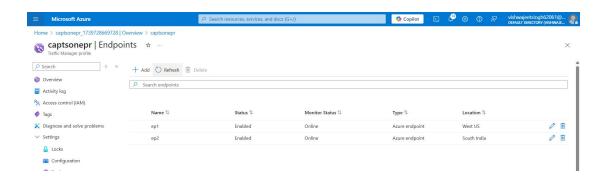
Resource group southrg

Resource group location South India

Name captsonepr

Routing method Performance

Create < Previous Next > https://portal.azure.com/#



Paste the url which we have recived here

