

# Azure Capstone Project:

Note\*: I have taken my 1<sup>st</sup> V-Net region as Central India because Central US region was not available for me.

Firstly creating 2 subnets inside VNet-1 & VNet-2

Microsoft Azure

Upgrade

Search resources, services, and docs (G+/)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Virtual machines >

Create a virtual machine

Help me create a low cost VM Help me create a VM optimized for

Basics Disks **Networking** Management Monitoring Advanced

Define network connectivity for your virtual machine by configuring network interface inbound and outbound connectivity with security group rules, or place behind an exi  
[Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network \* (new) VM1-CI-vnet  
[Create new](#)

Subnet \* (new) default (10.0.0.0/24)

Public IP (new) VM1-CI-ip  
[Create new](#)

NIC network security group (None Basic)

< Previous Next : Management > Review + create

Create virtual network

The Microsoft Azure Virtual Network service enables Azure resources to securely communicate with each other in a virtual network which is a logical isolation of the Azure cloud dedicated to your subscription. You can connect virtual networks to other virtual networks, or your on-premises network. [Learn more](#)

Name \* VNet-1

Address space

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

Address range *	Addresses	Overlap
<input type="checkbox"/> 10.0.0.0/16	10.0.0.0 - 10.0.255.255 (65536 addresses)	None
<input type="text"/>	(0 Addresses)	None

Subnets

The subnet's address range in CIDR notation. It must be contained by the address space of the virtual network.

Subnet name	Address range	Addresses
<input type="checkbox"/> Subnet1	10.0.0.0/24	10.0.0.0 - 10.0.0.255 (256 addresses)
<input checked="" type="checkbox"/> Subnet1-APG	10.0.1.0/24	10.0.1.0 - 10.0.1.255 (256 addresses)

OK Discard

Microsoft Azure

Upgrade

Search resources, services, and docs (G+/)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Virtual machines >

Create a virtual machine

Help me create a low cost VM Help me create a VM optimized for

Basics Disks **Networking** Management Monitoring Advanced

Define network connectivity for your virtual machine by configuring network interface inbound and outbound connectivity with security group rules, or place behind an exi  
[Learn more](#)

Network interface

When creating a virtual machine, a network interface will be created for you.

Virtual network \* (new) VNet-2  
[Create new](#)

Subnet \* (new) Subnet2 (10.0.0.0/24)

Public IP (new) VM1-WestUS-ip  
[Create new](#)

NIC network security group (None Basic)

< Previous Next : Management > Review + create

Create virtual network

The Microsoft Azure Virtual Network service enables Azure resources to securely communicate with each other in a virtual network which is a logical isolation of the Azure cloud dedicated to your subscription. You can connect virtual networks to other virtual networks, or your on-premises network. [Learn more](#)

Name \* VNet-2

Address space

The virtual network's address space, specified as one or more address prefixes in CIDR notation (e.g. 192.168.1.0/24).

Address range *	Addresses	Overlap
<input type="checkbox"/> 10.0.0.0/16	10.0.0.0 - 10.0.255.255 (65536 addresses)	None
<input type="text"/>	(0 Addresses)	None

Subnets

The subnet's address range in CIDR notation. It must be contained by the address space of the virtual network.

Subnet name	Address range	Addresses
<input type="checkbox"/> Subnet2	10.0.0.0/24	10.0.0.0 - 10.0.0.255 (256 addresses)
<input type="checkbox"/> Subnet2-APG	10.0.1.0/24	10.0.1.0 - 10.0.1.255 (256 addresses)

OK Discard

<https://aka.ms/generalvirtualnetworkinfo/>

4VM's Running;

Virtual machines - Microsoft Azure

Home - Microsoft Azure

portal.azure.com/#browse/Microsoft.Compute%2FVirtualMachines

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home

Virtual machines

Default Directory (sharathbedra5gmail.onmicrosoft.com)

Create

Switch to classic

Reservations

Manage view

Refresh

Export to CSV

Open query

Assign tags

Start

Restart

Stop

Delete

Filter for any field...

Subscription equals all

Type equals all

Resource group equals all

Location equals all

Add filter

Showing 1 to 4 of 4 records.

No grouping

List view

Name	Subscription	Resource group	Location	Status	Operating system	Size	Public IP address	Disks
VM1-CI	Free Trial	ProjectK	Central India	Running	Linux	Standard_B1s	4.240.101.237	1
VM1-WestUS	Free Trial	ProjectK	West US	Running	Linux	Standard_B1s	13.91.46.180	1
VM2-CI	Free Trial	ProjectK	Central India	Running	Linux	Standard_B1s	4.240.100.85	1
VM2-WestUS	Free Trial	ProjectK	West US	Running	Linux	Standard_B1s	13.83.6.255	1

Creating a Storage Account;

Create a storage account - Mic

Virtual machines - Microsoft A

portal.azure.com/#create/Microsoft.StorageAccount-ARM

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home

Storage accounts

Create a storage account

Subscription \*

Free Trial

Resource group \*

ProjectK

Create new

Instance details

Storage account name \* ⓘ

projectcapstone

Region \* ⓘ

(Asia Pacific) Central India

Deploy to an Azure Extended Zone

Primary service ⓘ

Select a primary service

Performance \* ⓘ

Standard: Recommended for most scenarios (general-purpose v2 account)

Premium: Recommended for scenarios that require low latency.

Redundancy \* ⓘ

Locally-redundant storage (LRS)

Previous

Next

Review + create

Give feedback

Creating a Container “upload”;

projectcapstone - Microsoft Az

Virtual machines - Microsoft A

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home

Storage accounts

projectcapstone

Storage accounts

Default Directory (sharathbedra5gmail.onmicrosof...

Create

Restore

Filter for any field...

Name

projectcapstone

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storagee browser

projectcapstone | Containers

Storage account

Search

Container

Change access level

Restore containers

Refresh

Delete

Give feedback

Search containers by prefix

Show deleted containers

Name	Last modified	Anonymous access l...	Lease state
\$logs	11/17/2024, 12:58:44...	Private	Available
upload	11/17/2024, 1:02:46 ...	Private	Available

Enabling Blob Anonymous Access;

projectcapstone - Microsoft AzVirtual machines - Microsoft Az

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft AzureUpgradeSearch resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > projectcapstone

projectcapstone | Configuration

Storage account

Search

SaveDiscardRefreshGive feedback

Tables

Security + networking

Networking

Front Door and CDN

Access keys

Shared access signature

Encryption

Microsoft Defender for Cloud

Data management

Settings

Configuration

Data Lake Gen2 upgrade

Resource sharing (CORS)

The cost of your storage account depends on the usage and the options you choose below. [Learn more about storage pricing](#)

Account kind  
StorageV2 (general purpose v2)

Performance ⓘ  
☒ Standard ☐ Premium

This setting cannot be changed after the storage account is created.

Secure transfer required ⓘ  
☐ Disabled ☒ Enabled

Allow Blob anonymous access ⓘ  
☐ Disabled ☒ Enabled

Some blobs may become anonymously readable.

Allow storage account key access ⓘ  
☐ Disabled ☒ Enabled

Allow recommended upper limit for shared access signature (SAS) expiry interval ⓘ  
☒ Disabled ☐ Enabled

Default to Microsoft Entra authorization in the Azure portal ⓘ

projectcapstone - Microsoft AzVirtual machines - Microsoft Az

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft AzureUpgradeSearch resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > projectcapstone

projectcapstone | Containers

Storage account

Search

+ ContainerChange access levelRestore containersRefreshDeleteGive feedback

Storage metrics

Partner solutions

Data storage

Containers

File shares

Queues

Tables

Security + networking

Networking

Front Door and CDN

Access keys

Shared access signature

Encryption

Microsoft Defender for Cloud

Data management

Change access level

Change the access level of all selected containers.

Anonymous access level ⓘ  
Private (no anonymous access)  
Private (no anonymous access)  
Blob (anonymous read access for blobs only)  
Container (anonymous read access for containers and blobs)

Show deleted containers

Access level	Lease state
Available	...
Available	...



Creating a Static Website;

projectcapstone - Microsoft Az...Virtual machines - Microsoft Az...+  
portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...  
Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot sharathbedra5@gmail.c...  
Home > projectcapstone  
projectcapstone | Static website Static website  
Endpoints Save Discard Give feedback  
Overview  
Data management  
Static website  
Settings  
Endpoints  
Endpoints  
Static website  
Static website  
An Azure Storage container has been created to host your static website.  
\$web  
Improve the page load time of your static website by using the caching features of Azure Front Door (Additional costs apply). Azure Front Door  
Primary endpoint  
https://projectcapstone.z29.web.core.windows.net/  
Index document name  
Error document path  
error.html

Successfully updated static website settings  
Successfully updated static website settings for 'projectcapstone'. Settings may take up to 30 seconds to take effect.

Upload error.html file inside \$web container;

Home - Microsoft AzureVirtual machines - Microsoft Az...Upload blob - Microsoft Azure +  
portal.azure.com/#view/Microsoft\_Azure\_Storage/ContainerMenuBlade/~~/overview/storageAccountId/%2Fsubscriptions%2F5afa7be3-3276-4437-b78b-11b8db6c...  
Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot sharathbedra5@gmail.c...  
Home > projectcapstone | Static website >  
\$web Container  
Search Upload Change access level Refresh Delete Change t  
Authentication method: Access key (Switch to Microsoft Entra user account)  
Location: \$web  
Search blobs by prefix (case-sensitive)  
Add filter  
Name Modified Access tier Arc  
No results  
Upload blob  
1 file(s) selected: error.html  
Drag and drop files here or Browse for files  
Overwrite if files already exist  
Advanced  
Upload Give feedback

Verifying the error page;

VM1-C1 - Microsoft AzureVirtual machines - Microsoft Az...projectcapstone - Microsoft Az...Module 5 Assignment +  
projectcapstone.z29.web.core.windows.net  
503 Service Unavailable  
Access to this server is denied.  
Application gateway is not running.

Creating 2 Application Gateways;

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Subscription \* ⓘ

Free Trial

Resource group \* ⓘ

ProjectK

Create new

Instance details

Application gateway name \*

APG1

Region \*

Central India

Tier ⓘ

Standard V2

Enable autoscaling

☒ Yes ☐ No

Minimum instance count \* ⓘ

1

Maximum instance count

5

Availability zone \* ⓘ

Zones 1, 2, 3

IP address type ⓘ

☒ IPv4 only ☐ Dual stack (IPv4 & IPv6)

HTTP2 ⓘ

☐ Disabled ☒ Enabled

Configure virtual network

Virtual network \* ⓘ

VNet-1

Create new

Subnet \* ⓘ

Subnet1-APG (10.0.1.0/24)

Manage subnet configuration

Previous

Next : Frontends >

Create application gateway - M x Virtual machines - Microsoft Az x projectcapstone - Microsoft Az x Module 5 Assignment x +

portal.azure.com/#create/Microsoft.ApplicationGateway-ARM

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

✓ Basics

2 Frontends

3 Backends

4 Configuration

5 Tags

6 Review + create

Traffic enters the application gateway via its frontend IP address(es). An application gateway can use a public IP address, private IP address, or one of each type. ⓘ

Frontend IP address type ⓘ

☒ Public ☐ Private ☐ Both

Public IPv4 address \*

(New) APG1-IP

Add new

Create application gateway - M x Virtual machines - Microsoft Az x projectcapstone - Microsoft Az x Module 5 Assignment x +

portal.azure.com/#create/Microsoft.ApplicationGateway-ARM

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

✓ Basics

✓ Frontends

3 Backends

4 Configuration

5 Tags

6 Review + create

A backend pool is a collection of resources to which your application gateway can send traffic. A backend pool can contain virtual machines, virtual machine scale sets, app services, IP addresses, or fully qualified domain names (FQDN). ⓘ

Add a backend pool

Backend pool	Targets
Pool1	<div>1 target</div> <div>vm1-ci423_z1</div>
Pool2	<div>1 target</div> <div>vm2-ci708_z1</div>

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Basics

Frontends

Backends

Configuration

Tags

Create routing rules that link your frontend(s) and backend(s). You can also add more

Frontends

+ Add a frontend IP

Public: (new) APG1-IP

Previous

Next : Tags >

Add a routing rule

Configure a routing rule to send traffic from a given frontend IP address to one or more backend targets. A routing rule must contain a listener and at least one backend target.

Rule name \*

Rule1

Priority \*

1

\*Listener

\*Backend targets

A listener "listens" on a specified port and IP address for traffic that uses a specified protocol. If the listener criteria are met, the application gateway will apply this routing rule.

Listener name \*

name1

Frontend IP \*

Public IPv4

Protocol

☒ HTTP ☐ HTTPS

Port \*

80

Listener type

☒ Basic ☐ Multi site

Custom error pages

Show customized error pages for different response codes generated by Application Gateway. This section lets you configure Listener-specific error pages. [Learn more](#)

Please verify that the url(s) being added here is reachable from your application gateway using the [connection troubleshoot](#) tool to prevent any deployment error.

Bad Gateway - 502

https://projectcapstone.z29.web.core.windows.net/error.html

Forbidden - 403

https://projectcapstone.z29.web.core.windows.net/error.html

Show more status codes

Add

Cancel

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Basics

Frontends

Backends

Configuration

Tags

Create routing rules that link your frontend(s) and backend(s). You can also add more

Frontends

+ Add a frontend IP

Public: (new) APG1-IP

Previous

Next : Tags >

Add a routing rule

Configure a routing rule to send traffic from a given frontend IP address to one or more backend targets. A routing rule must contain a listener and at least one backend target.

Rule name \*

Rule1

Priority \*

1

\*Listener

\*Backend targets

Choose a backend pool to which this routing rule will send traffic. You will also need to specify a set of Backend settings that define the behavior of the routing rule.

Target type

☒ Backend pool ☐ Redirection

Backend target \*

Pool2

Add new

Backend settings \*

default

Add new

Path-based routing

You can route traffic from this rule's listener to different backend targets based on the URL path of the request. You can also apply a different set of Backend settings based on the URL path.

Path based rules

Path	Target name	Backend setting name	Backend pool
/upload	upload	default	Pool1

Add

Cancel

Create application gateway - M x Virtual machines - Microsoft A... x projectcapstone - Microsoft A... x +

portal.azure.com/#create/Microsoft.ApplicationGateway-ARM

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Basics

Frontends

Backends

Configuration

Tags

Review + create

Create routing rules that link your frontend(s) and backend(s). You can also add more backend pools, add a second frontend IP configuration if you haven't already, or edit previous configurations.

Frontends

+ Add a frontend IP

Public: (new) APG1-IP

Routing rules

+ Add a routing rule

Rule1

Manage Backend settings

Backend pools

+ Add a backend pool

Pool1

Pool2



Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Subscription \* ⓘ

Free Trial

Resource group \* ⓘ

ProjectK

Create new

Instance details

Application gateway name \*

APG2

Region \*

West US

Tier ⓘ

Standard V2

Enable autoscaling

☒ Yes ☐ No

Minimum instance count \* ⓘ

1

Maximum instance count

5

Availability zone ⓘ

None

IP address type ⓘ

☒ IPv4 only ☐ Dual stack (IPv4 & IPv6)

HTTP2 ⓘ

☐ Disabled ☒ Enabled

Configure virtual network

Virtual network \* ⓘ

VNet-2

Create new

Subnet \* ⓘ

Subnet2-APG (10.0.1.0/24)

Manage subnet configuration

Previous

Next : Frontends >

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

✓ Basics

**2 Frontends**

3 Backends

4 Configuration

5 Tags

6 Review + create

Traffic enters the application gateway via its frontend IP address(es). An application gateway can use a public IP address, private IP address, or one of each type. ⓘ

Frontend IP address type ⓘ

☒ Public ☐ Private ☐ Both

Public IPv4 address \*

(New) APG2-IP

Add new

Microsoft.ApplicationGateway-... x

Create application gateway - M... x

projectcapstone - Microsoft Az... x

Load balancing - Microsoft Azu... x

+

portal.azure.com/#create/Microsoft.ApplicationGateway-ARM

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

✓ Basics

✓ Frontends

**3 Backends**

4 Configuration

5 Tags

6 Review + create

A backend pool is a collection of resources to which your application gateway can send traffic. A backend pool can contain virtual machines, virtual machine scale sets, app services, IP addresses, or fully qualified domain names (FQDN). ⓘ

Add a backend pool

Backend pool	Targets	
Pool1	▼ 1 target	...
	vm1-westus925	...
Pool2	▼ 1 target	...
	vm2-westus130	...

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Basics

Frontends

Backends

Configuration

Tags

Create routing rules that link your frontend(s) and backend(s). You can also add more

Frontends

+ Add a frontend IP

Public: (new) APG2-IP

Previous

Next : Tags >

Add a routing rule

Configure a routing rule to send traffic from a given frontend IP address to one or more backend targets. A routing rule must contain a listener and at least one backend target.

Rule name \*

Rule2

Priority \*

1

\* Listener

\* Backend targets

A listener "listens" on a specified port and IP address for traffic that uses a specified protocol. If the listener criteria are met, the application gateway will apply this routing rule.

Listener name \*

name1

Frontend IP \*

Public IPv4

Protocol

HTTP

HTTPS

Port \*

80

Listener type

Basic

Multi site

Custom error pages

Show customized error pages for different response codes generated by Application Gateway. This section lets you configure Listener-specific error pages. [Learn more](#)

Please verify that the url(s) being added here is reachable from your application gateway using the [connection troubleshoot](#) tool to prevent any deployment error.

Bad Gateway - 502

https://projectcapstone.z29.web.core.windows.net/error.html

Forbidden - 403

https://projectcapstone.z29.web.core.windows.net/error.html

[Show more status codes](#)

Add

Cancel

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Basics

Frontends

Backends

Configuration

Tags

Create routing rules that link your frontend(s) and backend(s). You can also add more

Frontends

+ Add a frontend IP

Public: (new) APG2-IP

Previous

Next : Tags >

Add a routing rule

Listener and at least one backend target.

Rule name \*

Rule2

Priority \*

1

\* Listener

\* Backend targets

Choose a backend pool to which this routing rule will send traffic. You will also need to specify a set of Backend settings that define the behavior of the routing rule.

Target type

Backend pool

Redirection

Backend target \*

Pool2

[Add new](#)

default

[Add new](#)

Backend settings \*

[Add new](#)

Path-based routing

You can route traffic from this rule's listener to different backend targets based on the URL path of the request. You can also apply a different set of Backend settings based on the URL path.

Path based rules

Path	Target name	Backend setting name	Backend pool
/upload	upload	default	Pool1

Add multiple targets to create a path-based rule

Add

Cancel

Microsoft Azure

Upgrade

Search resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...  
DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway >

Create application gateway

Basics

Frontends

Backends

Configuration

Tags

Review + create

Create routing rules that link your frontend(s) and backend(s). You can also add more backend pools, add a second frontend IP configuration if you haven't already, or edit previous configurations.

Frontends

+ Add a frontend IP

Public: (new) APG2-IP

Routing rules

+ Add a routing rule

Rule2

Manage Backend settings

Backend pools

+ Add a backend pool

Pool1

Pool2



Git Cloning in all the VM's;

VM1-CI - Microsoft Azure

VM1-WestUS - Microsoft Azure

VM2-CI - Microsoft Azure

VM2-WestUS

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECTK/providers/Mic...

Microsoft Azure Upgrade Search resources, services, and docs (G+) Copilot

Switch to Bash Restart Manage files New session Editor Web preview Settings Help

```
user123@VM1-CI:~$ git clone https://github.com/azcloudberg/azproject.git
Cloning into 'azproject'...
remote: Enumerating objects: 229, done.
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 | 293.00 KiB/s, done.
Resolving deltas: 100% (108/108), done.
user123@VM1-CI:~$ ls
azproject
user123@VM1-CI:~$ cd azproject/
user123@VM1-CI:~/azproject$ ls
README.md app.py config.py error.html index.html templates vm1.sh vm2.sh
user123@VM1-CI:~/azproject$
```

VM1-CI - Microsoft Azure

VM1-WestUS - Microsoft Azure

VM2-CI - Microsoft Azure

VM2-WestUS

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECTK/providers/Mic...

Microsoft Azure Upgrade Search resources, services, and docs (G+) Copilot

Switch to Bash Restart Manage files New session Editor Web preview Settings Help

```
user123@VM1-WestUS:~$ git clone https://github.com/azcloudberg/azproject.git
Cloning into 'azproject'...
remote: Enumerating objects: 229, done.
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 | 875.00 KiB/s, done.
Resolving deltas: 100% (108/108), done.
user123@VM1-WestUS:~$ cd azproject/
user123@VM1-WestUS:~/azproject$ ls
README.md app.py config.py error.html index.html templates vm1.sh vm2.sh
user123@VM1-WestUS:~/azproject$
```

VM1-CI - Microsoft Azure

VM1-WestUS - Microsoft Azure

VM2-CI - Microsoft Azure

VM2-WestUS

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECTK/provider...

Microsoft Azure Upgrade Search resources, services, and docs (G+) Copilot

Switch to Bash Restart Manage files New session Editor Web preview Settings Help

```
user123@VM2-CI:~$ git clone https://github.com/azcloudberg/azproject.git
Cloning into 'azproject'...
remote: Enumerating objects: 229, done.
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 | 3.26 MiB/s, done.
Resolving deltas: 100% (108/108), done.
user123@VM2-CI:~$ cd azproject/
user123@VM2-CI:~/azproject$ ls
README.md app.py config.py error.html index.html templates vm1.sh vm2.sh
user123@VM2-CI:~/azproject$
```

VM1-CI - Microsoft Azure

VM1-WestUS - Microsoft Azure

VM2-CI - Microsoft Azure

VM2-WestUS

cdn.bastionglobal.azure.com/24.08.271/index.html#/client/Vk0yLVdlc3RVUwBjAG9tbmktYmlmcm9zdA==?datapath=44a6eb3f295d4fa4a15d09fad0e407f4.data.westus.b...

```
user123@VM2-WestUS:~$ git clone https://github.com/azcloudberg/azproject.git
Cloning into 'azproject'...
remote: Enumerating objects: 229, done.
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 | 821.00 KiB/s, done.
Resolving deltas: 100% (108/108), done.
user123@VM2-WestUS:~$ ls
azproject
user123@VM2-WestUS:~$ cd azproject/
user123@VM2-WestUS:~/azproject$ ls
README.md app.py config.py error.html index.html templates vm1.sh vm2.sh
user123@VM2-WestUS:~/azproject$
```



Running vm1.sh on Both 1<sup>st</sup> VMs;

VM1-CI - Microsoft AzureVM1-WestUS - Microsoft AzureVM2-CI - Microsoft AzureVM2-WestUS

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECTK/providers/Mic...

Microsoft AzureUpgradeSearch resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...DEFAULT DIRECTORY (SHARATHB...

Switch to BashRestartManage filesNew sessionEditorWeb previewSettingsHelp

```
user123@VM1-CI:~/azproject$ ls
README.md app.py config.py error.html index.html templates vm1.sh vm2.sh
user123@VM1-CI:~/azproject$ ./vm1.sh
Rules updated
Rules updated (v6)
Hit:1 http://azure.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu jammy-security InRelease
Reading package lists... Done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
python3 is already the newest version (3.10.6-1~22.04.1).
python3 set to manually installed.
The following packages were automatically installed and are no longer required:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 ssl-cert
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 18 not upgraded.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages were automatically installed and are no longer required:
  apache2-bin apache2-data apache2-utils libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 ssl-cert
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
  build-essential cpp cpp-11 dpkg-dev fakeroot fontconfig-config fonts-dejavu-core g++ g++-11 gcc gcc-11 gcc-11-base javascript-common libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libasan6 libatomic1 libc-dev-bin libc-devtools libc6-dev libcc1-0 libcrypt-dev libdeflate0 libdpkg-perl
  libexpat1-dev libfakeroot libfile-fcntllock-perl libfontconfig1 libgcc-11-dev libgd3 libgomp1 libisl23 libitm1 libjbig0 libjpeg-turbo8 libjpeg8 libjs-jquery
```

VM1-CI - Microsoft AzureVM1-WestUS - Microsoft AzureVM2-CI - Microsoft AzureVM2-WestUS

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECTK/providers/Mic...

Microsoft AzureUpgradeSearch resources, services, and docs (G+)

Copilot

sharathbedra5@gmail.c...DEFAULT DIRECTORY (SHARATHB...

Switch to BashRestartManage filesNew sessionEditorWeb previewSettingsHelp

```
user123@VM1-WestUS:~/azproject$ ./vm1.sh
Rules updated
Rules updated (v6)
Hit:1 http://azure.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu jammy-security InRelease
Reading package lists... Done
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
python3 is already the newest version (3.10.6-1~22.04.1).
python3 set to manually installed.
0 upgraded, 0 newly installed, 0 to remove and 18 not upgraded.
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  build-essential bzip2 cpp cpp-11 dpkg-dev fakeroot fontconfig-config fonts-dejavu-core g++ g++-11 gcc gcc-11 gcc-11-base javascript-common libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libasan6 libatomic1 libc-dev-bin libc-devtools libc6-dev libcc1-0 libcrypt-dev libdeflate0 libdpkg-perl
  libexpat1-dev libfakeroot libfile-fcntllock-perl libfontconfig1 libgcc-11-dev libgd3 libgomp1 libisl23 libitm1 libjbig0 libjpeg-turbo8 libjpeg8 libjs-jquery
  libjs-sphinxdoc libjs-underscore liblsan0 libmpc3 libnsl-dev libpython3-dev libpython3.10-dev libquadmath0 libstdc++-11-dev libtiff5 libtirpc-dev libtsan0 libubsan1
  libwebp7 libxpm4 linux-libc-dev lto-disabled-list make manpages-dev python3-dev python3-wheel python3.10-dev rpcsvc-proto zlib1g-dev
Suggested packages:
  bzip2-doc cpp-doc gcc-11-locales debian-keyring g++-multilib g++-11-multilib gcc-11-doc gcc-multilib autoconf automake libtool flex bison gdb gcc-doc
  gcc-11-multilib apache2 | lighttpd | httpd glibc-doc bzip libgd-tools libstdc++-11-doc make-doc
The following NEW packages will be installed:
  build-essential bzip2 cpp cpp-11 dpkg-dev fakeroot fontconfig-config fonts-dejavu-core g++ g++-11 gcc gcc-11 gcc-11-base javascript-common libalgorithm-diff-perl
  libalgorithm-diff-xs-perl libalgorithm-merge-perl libasan6 libatomic1 libc-dev-bin libc-devtools libc6-dev libcc1-0 libcrypt-dev libdeflate0 libdpkg-perl
```



Running vm2.sh on Both 2<sup>st</sup> VMs;

VM1-CI - Microsoft AzureVM1-WestUS - Microsoft AzureVM2-CI - Microsoft AzureVM2-WestUS

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECTK/provider...

Microsoft AzureUpgradeSearch resources, services, and docs (G+)Copilot

Switch to BashRestartManage filesNew sessionEditorWeb previewSettingsHelp

```
user123@VM2-CI:~/azproject$ ./vm2.sh
Hit:1 http://azure.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu jammy-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 bzip2 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser bzip2-doc
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap mime-support ssl-cert
0 upgraded, 13 newly installed, 0 to remove and 18 not upgraded.
Need to get 2141 kB of archives.
After this operation, 8524 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libapr1 amd64 1.7.0-8ubuntu0.22.04.2 [108 kB]
Get:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1 amd64 1.6.1-5ubuntu4.22.04.2 [92.8 kB]
Get:3 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.1-5ubuntu4.22.04.2 [11.3 kB]
Get:4 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-ldap amd64 1.6.1-5ubuntu4.22.04.2 [9170 B]
Get:5 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 liblua5.3-0 amd64 5.3.6-1build1 [140 kB]
Get:6 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-bin amd64 2.4.52-1ubuntu4.12 [1348 kB]
Get:7 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-data all 2.4.52-1ubuntu4.12 [165 kB]
Get:8 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 apache2-utils amd64 2.4.52-1ubuntu4.12 [89.1 kB]
Get:9 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 mailcap all 3.70+nmu1ubuntu1 [23.8 kB]
Get:10 http://azure.archive.ubuntu.com/ubuntu jammy/main amd64 mime-support all 3.66 [3696 B]
```

VM1-CI - Microsoft AzureVM1-WestUS - Microsoft AzureVM2-CI - Microsoft AzureVM2-WestUS

cdn.bastionglobal.azure.com/24.08.271/index.html#/client/Vk0yLVdlc3RVUwBjAG9tbmktYmlmcm9zdA==?datapath=44a6eb3f295d4fa4a15d09fad0e407f4.data.westus.b...

```
* Documentation: https://help.ubuntu.com
* Management:   https://landscape.canonical.com
* Support:       https://ubuntu.com/pro

System information as of Sun Nov 17 08:25:50 UTC 2024

System load: 0.0          Processes:            103
Usage of /:  5.9% of 28.89GB Users logged in:      0
user123@VM2-WestUS:~/azproject$ ./vm2.sh
Hit:1 http://azure.archive.ubuntu.com/ubuntu jammy InRelease
Hit:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates InRelease
Hit:3 http://azure.archive.ubuntu.com/ubuntu jammy-backports InRelease
Hit:4 http://azure.archive.ubuntu.com/ubuntu jammy-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 bzip2 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0 mailcap
  mime-support ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser bzip2-doc
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils bzip2 libapr1 libaprutil1 libaprutil1-dbd-sqlite3 libaprutil1-ldap liblua5.3-0
  mailcap mime-support ssl-cert
0 upgraded, 13 newly installed, 0 to remove and 18 not upgraded.
Need to get 2141 kB of archives.
After this operation, 8524 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libapr1 amd64 1.7.0-8ubuntu0.22.04.2 [108 kB]
Get:2 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1 amd64 1.6.1-5ubuntu4.22.04.2 [92.8 kB]
Get:3 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.1-5ubuntu4.22.04.2 [11.3 kB]
Get:4 http://azure.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libaprutil1-ldap amd64 1.6.1-5ubuntu4.22.04.2 [9170 B]
```



Modifying the Storage Account Details;

VM1-CI - Microsoft AzureVM1-WestUS - Microsoft AzVM2-CI - Microsoft AzureVM2-WestUSprojectcapstone - Microsoft

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECT/providers/Mic...

Microsoft AzureUpgradeSearch resources, services, and docs (G+/)Copilotsharathbedra5@gmail.c...DEFAULT DIRECTORY (SHARATHB...

Switch to BashRestartManage filesNew sessionEditorWeb previewSettingsHelp

GNU nano 6.2config.py \*  
[DEFAULT]  
# Account name  
account =projectcapstone  
# Azure Storage account access key  
key =>teHBoNyZueQ9Yphs0TvizIPGh0rjmsPJwsDn2h6rUMj2hwLcEaDKC5qmpVHBaRdFHJLYLVT/sDrA+ASThywBuA=  
# Container name  
container =upload

VM1-CI - Microsoft AzureVM1-WestUS - Microsoft AzVM2-CI - Microsoft AzureVM2-WestUSprojectcapstone - Microsoft

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECT/providers/Mic...

Microsoft AzureUpgradeSearch resources, services, and docs (G+/)Copilotsharathbedra5@gmail.c...DEFAULT DIRECTORY (SHARATHB...

Switch to BashRestartManage filesNew sessionEditorWeb previewSettingsHelp

GNU nano 6.2config.py \*  
[DEFAULT]  
# Account name  
account =projectcapstone  
# Azure Storage account access key  
key =>teHBoNyZueQ9Yphs0TvizIPGh0rjmsPJwsDn2h6rUMj2hwLcEaDKC5qmpVHBaRdFHJLYLVT/sDrA+ASThywBuA=  
# Container name  
container =upload

Running “sudo python3 app.py” command;

VM1-CI - Microsoft AzVM1-WestUS - MicroVM2-CI - Microsoft AzVM2-WestUSupload - Microsoft AUpload Page

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/PROJECT/providers/Mic...

Microsoft AzureUpgradeSearch resources, services, and docs (G+/)Copilotsharathbedra5@gmail.c...DEFAULT DIRECTORY (SHARATHB...

Switch to BashRestartManage filesNew sessionEditorWeb previewSettingsHelp

user123@VM1-CI:~/azproject\$ sudo python3 app.py  
\* Serving Flask app 'app'  
\* Debug mode: off  
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.  
\* Running on all addresses (0.0.0.0)  
\* Running on http://127.0.0.1:80  
\* Running on http://10.0.0.4:80  
Press CTRL+C to quit  
10.0.1.6 - - [17/Nov/2024 09:05:04] "GET / HTTP/1.1" 200 -  
10.0.1.7 - - [17/Nov/2024 09:05:05] "GET / HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:05:34] "GET / HTTP/1.1" 200 -  
10.0.1.7 - - [17/Nov/2024 09:05:35] "GET / HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:06:04] "GET / HTTP/1.1" 200 -  
10.0.1.7 - - [17/Nov/2024 09:06:05] "GET / HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:06:12] "GET /upload HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:06:34] "GET / HTTP/1.1" 200 -  
10.0.1.7 - - [17/Nov/2024 09:06:35] "GET / HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:06:59] "POST /upload HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:07:04] "GET / HTTP/1.1" 200 -  
10.0.1.7 - - [17/Nov/2024 09:07:05] "GET / HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:07:34] "GET / HTTP/1.1" 200 -  
10.0.1.7 - - [17/Nov/2024 09:07:35] "GET / HTTP/1.1" 200 -  
10.0.1.6 - - [17/Nov/2024 09:08:04] "GET / HTTP/1.1" 200 -  
10.0.1.7 - - [17/Nov/2024 09:08:05] "GET / HTTP/1.1" 200 -

```
user123@VM1-WestUS:~/azproject$ sudo python3 app.py
* Serving Flask app 'app'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:80
* Running on http://10.0.0.4:80
Press CTRL+C to quit
10.0.1.4 - - [17/Nov/2024 09:04:39] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:04:39] "GET / HTTP/1.1" 200 -
10.0.1.4 - - [17/Nov/2024 09:05:09] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:05:09] "GET / HTTP/1.1" 200 -
10.0.1.4 - - [17/Nov/2024 09:05:39] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:05:39] "GET / HTTP/1.1" 200 -
10.0.1.4 - - [17/Nov/2024 09:06:09] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:06:09] "GET / HTTP/1.1" 200 -
10.0.1.4 - - [17/Nov/2024 09:06:39] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:06:39] "GET / HTTP/1.1" 200 -
10.0.1.4 - - [17/Nov/2024 09:07:09] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:07:09] "GET / HTTP/1.1" 200 -
10.0.1.4 - - [17/Nov/2024 09:07:39] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:07:39] "GET / HTTP/1.1" 200 -
10.0.1.4 - - [17/Nov/2024 09:08:09] "GET / HTTP/1.1" 200 -
10.0.1.5 - - [17/Nov/2024 09:08:09] "GET / HTTP/1.1" 200 -
```

Creating a Traffic Manager;

portal.azure.com/#view/Microsoft\_Azure\_Network/LoadBalancingHubMenuBlade/~/.TrafficManagers

Microsoft Azure Upgrade Search resources, services, and docs (G+) Copilot

Home > Load balancing

### Load balancing | Traffic Manager

Search Create Manage view Refresh Export to CSV Open query Assign tags

Filter for any field... Subscription equals all Resource group equals all Location equals all Add filter

Showing 1 to 1 of 1 records. No grouping List view

Name	Status	Routin...	Resource group	Subscription
sharathbedracappproject	Enabled	Performance	ProjectK	Free Trial

Configuring the DNS name for both the Application Gateways;

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft Azure Upgrade Search resources, services, and docs (G+) Copilot

Home > Load balancing | Application Gateway > APG1 > APG1-IP

### APG1-IP | Configuration

Public IP address

Save Discard Refresh

Overview Activity log Access control (IAM) Tags Settings Configuration Properties Locks Monitoring Automation Help Support + Troubleshooting

IP address assignment Static

IP address 4.188.5.190

Idle timeout (minutes) 4

DNS name label (optional) applicationgateway1

centralindia.cloudapp.azure.com

Saved public IP address changes Successfully saved configuration changes to public IP address 'APG1-IP'.

You can use the IP address as your 'A' DNS record or DNS label as your 'CNAME' record. Learn more about adding a custom domain to this IP address

Alias record sets Create an alias record in Azure DNS. Learn more Create alias record



VM1-CI - Microsoft Azure x VM1-WestUS - Microsoft Azure x VM2-CI - Microsoft Azure x VM2-WestUS x APG2-IP - Microsoft Azure x

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot sharathbedra5@gmail.c... DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Application Gateway > APG2 > APG2-IP

## APG2-IP | Configuration

Public IP address

Search Save Discard Refresh

- Overview
- Activity log
- Access control (IAM)
- Tags
- Settings
- Configuration**
- Properties
- Locks
- Monitoring
- Automation
- Help
- Support + Troubleshooting

IP address assignment  
Static

IP address ①  
13.64.64.251

Idle timeout (minutes) ①  
0 4

DNS name label (optional) ①  
applicationgateway02 .westus.cloudapp.azure.com

You can use the IP address as your 'A' DNS record or DNS label as your 'CNAME' record. [Learn more about adding a custom domain to this IP address](#)

Alias record sets  
Create an alias record in Azure DNS. [Learn more](#)  
[+ Create alias record](#)

## Adding Endpoints to Traffic Manager;

VM1-CI - Microsoft Azure x VM1-WestUS - Microsoft Azure x VM2-CI - Microsoft Azure x VM2-WestUS x Add endpoint - Microsoft Azure x

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot sharathbedra5@gmail.c... DEFAULT DIRECTORY (SHARATHB...

Home > Load balancing | Traffic Manager > sharathbedracapproject

## sharathbedracapproject | Endpoints

Traffic Manager profile

Search Add Refresh

Search endpoints

Name ↑↓	Status ↑↓	Monitor status
No results.		

### Add endpoint

sharathbedracapproject

Name \*  
EP-1

Enable Endpoint  
☒

Target resource type  
Public IP address

Public IP address \*  
APG1-IP (4.188.5.190)

Custom Header settings ①  
Configure in this format, host:contoso.com,customheader:contoso

Do NOT input sensitive customer data in this field (i.e. APIKeys, Secrets, and Auth tokens etc.).

Health Checks ①  
☒ Enable  
Health check will determine if traffic can be served to the endpoint.  
☐ Always serve traffic  
No health check will run. Traffic will be always served to the endpoint.

Add



VM1-CI - Microsoft Azure x VM1-WestUS - Microsoft Azure x VM2-CI - Microsoft Azure x VM2-WestUS x Add endpoint - Microsoft Azure x +

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot sharathbedra5@gmail.com DEFAULT DIRECTORY (SHARATHB...)

Home > Load balancing | Traffic Manager > sharathbedracappproject

sharathbedracappproject | Endpoints Traffic Manager profile

Search Add Refresh

Search endpoints

Name ↑↓	Status ↑↓	Monitor status
EP-1	Enabled	Checking endpoint

Overview  
Activity log  
Access control (IAM)  
Tags  
Diagnose and solve problems  
Settings  
Configuration  
Real user measurements  
Traffic view  
Endpoints  
Properties  
Locks  
Monitoring  
Automation  
Help

Add endpoint sharathbedracappproject

Type \* Azure endpoint

Name \* EP-2

Enable Endpoint ☒

Target resource type Public IP address

Public IP address \* APG2-IP (13.64.64.251)

Custom Header settings

Do NOT input sensitive customer data in this field (i.e. APIKeys, Secrets, and Auth tokens etc.).

Health Checks ☒ Enable  
Health check will determine if traffic can be routed to the endpoint.

Add

VM1-CI - Microsoft Azure x VM1-WestUS - Microsoft Azure x VM2-CI - Microsoft Azure x VM2-WestUS x sharathbedracappproject - M x +

portal.azure.com/#@sharathbedra5gmail.onmicrosoft.com/resource/subscriptions/5afa7be3-3276-4437-b78b-11b8db6c906d/resourceGroups/ProjectK/providers/...

Microsoft Azure Upgrade Search resources, services, and docs (G+/) Copilot sharathbedra5@gmail.com DEFAULT DIRECTORY (SHARATHB...)

Home > Load balancing | Traffic Manager > sharathbedracappproject

sharathbedracappproject | Endpoints Traffic Manager profile

Search Add Refresh

Search endpoints

Name ↑↓	Status ↑↓	Monitor status ↑↓	Type ↑↓	Location ↑↓
EP-1	Enabled	Online	Azure endpoint	Central India
EP-2	Enabled	Online	Azure endpoint	West US

Overview  
Activity log  
Access control (IAM)  
Tags

Verifying the DNS Name (Home Page & Upload Page);

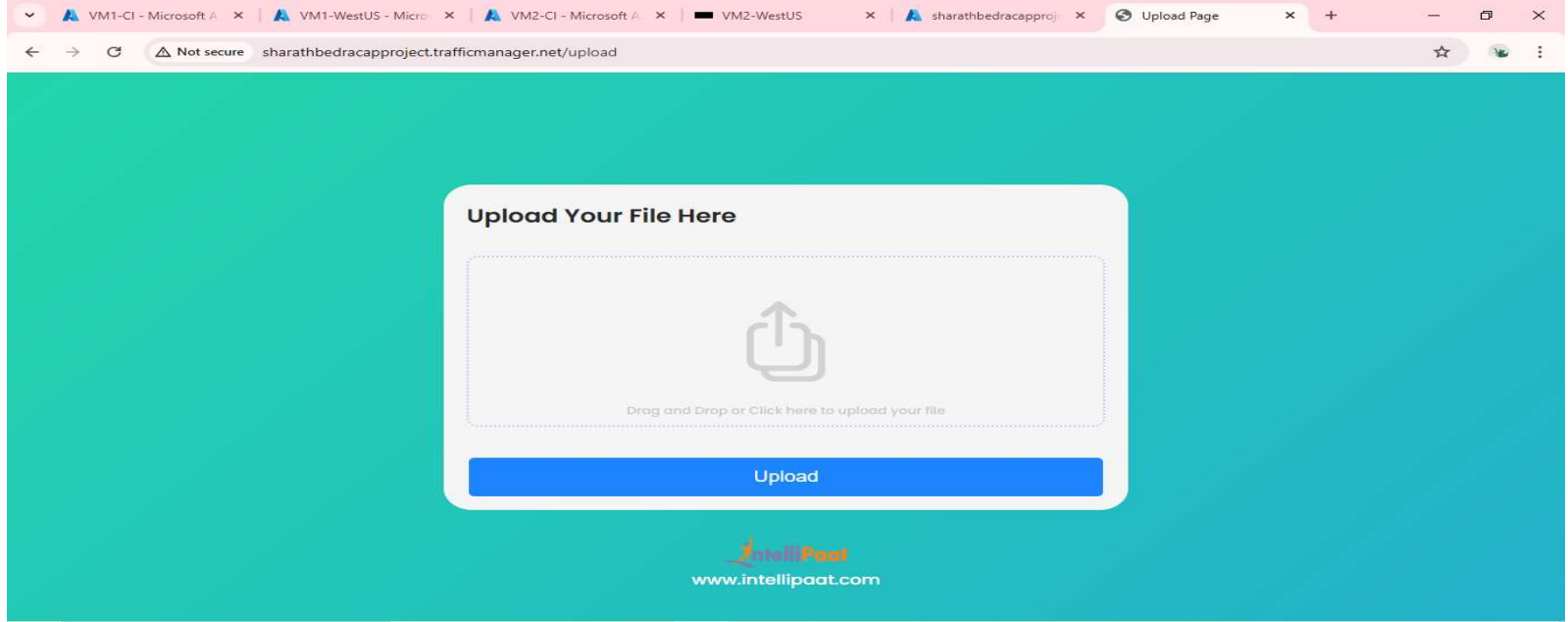
VM1-CI - Microsoft Azure x VM1-WestUS - Micro x VM2-CI - Microsoft Azure x VM2-WestUS x sharathbedracappproj x Official Website x +

Not secure sharathbedracappproject.trafficmanager.net

IntelliPaat

Welcome to the Home Page.

www.intellipaat.com



Let's upload a file to verify whether our architecture working properly or not;

