

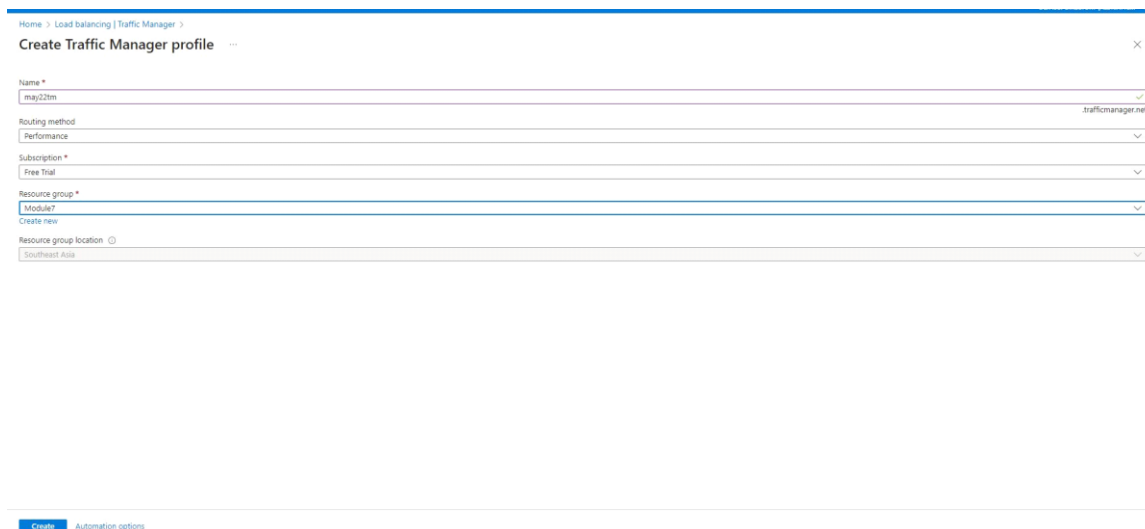
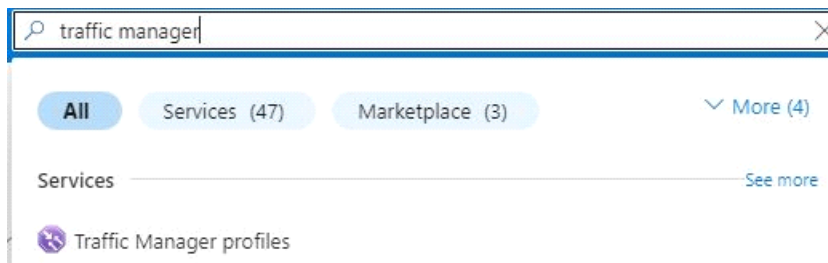
Module 7 : Assignment 4

Tasks To Be Performed:

1. Deploy 2 VMs in different regions
2. Balance the load on these VMs geographically

To accomplish this please use Azure Traffic Manager

Solution:

A screenshot of the 'Create Traffic Manager profile' form in the Azure portal. The form is titled 'Create Traffic Manager profile' and has a close button (X) in the top right corner. The form fields are: 'Name *' with the value 'may22tm' and a checkmark icon; 'Routing method' with the value 'Performance'; 'Subscription *' with the value 'Free Trial'; 'Resource group *' with the value 'Module7'; and 'Resource group location' with the value 'Southeast Asia'. At the bottom of the form, there is a 'Create' button and a link to 'Automation options'.

Home > Load balancing | Traffic Manager

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.

Name	Status	Routin...	Resource group	Subscription
may22tm	Enabled	Performance	Module?	Free Trial

Overview

- Load Balancing Services
 - Application Gateway
 - Front Door and CDN profiles
 - Load balancer
 - Traffic Manager

Home > Load balancing | Traffic Manager > may22tm

Load balancing | T...

+ Create Manage view

Filter for any field...

Name

may22tm

may22tm | Endpoints

Traffic Manager profile

Search:

+ Add Refresh

Search endpoints

Name	Status	Monitor status
No results		

Overview

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

Page 1 of 0

Add endpoint

may22tm

Type * Azure endpoint

Name * ep1

Enable Endpoint ☒

Target resource type Public IP address

Public IP address * vm-1-ip (20.2.19.246)

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 served to the endpoint.

☐ Always serve traffic

No health check will run. Traffic will be always served to the endpoint.

Add

Home > Load balancing | Traffic Manager > may22tm

Load balancing | T...

+ Create Manage view

Filter for any field...

Name

may22tm

may22tm | Endpoints

Traffic Manager profile

Search:

+ Add Refresh

Search endpoints

Name	Status	Monitor status
ep1	Enabled	Checking endpoint

Overview

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Add endpoint

may22tm

Type * Azure endpoint

Name * ep2

Enable Endpoint ☒

Target resource type Public IP address

Public IP address * vm-2-ip (20.255.73.8)

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 served to the endpoint.

☐ Always serve traffic

No health check will run. Traffic will be always served to the endpoint.

Add

Home > Load balancing | Traffic Manager > may22tm

Load balancing | T... may22tm | Endpoints Traffic Manager profile

+ Create Manage view ...

Filter for any field...

may22tm

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Configuration

Real user measurements

Traffic view

Endpoints

+ Add Refresh

Search endpoints

Name ↑↓	Status ↑↓	Monitor status ↑↓	Type ↑↓	Location ↑↓	
ep1	Enabled	Checking endpoint	Azure endpoint	East Asia	...
ep2	Enabled	Checking endpoint	Azure endpoint	East Asia	...

+ Add Refresh

Search endpoints

Name ↑↓	Status ↑↓	Monitor status ↑↓	Type ↑↓	Location ↑↓	
ep1	Enabled	Online	Azure endpoint	East Asia	...
ep2	Enabled	Online	Azure endpoint	East Asia	...

Home > Load balancing | Traffic Manager >

Load balancing | T... may22tm Traffic Manager profile

+ Create Manage view ...

Filter for any field...

may22tm

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Configuration

Real user measurements

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Help

Enable profile Disable profile Refresh → Move Delete profile

Essentials

Resource group (map) : Module DNS name : http://may22tm.trafficmanager.net

Status : Enabled Monitor status : Online

Subscription (map) : East Asia Routing method : Performance

Subscription ID : b39e963d-e40f-4a03-9a6b-663f0950134

Tags (edit) : Add tags

Search endpoints

Name	Status	Monitor status	Type	Location
ep1	Enabled	Online	Azure endpoint	East Asia
ep2	Enabled	Online	Azure endpoint	East Asia

DNS name : http://may22tm.trafficmanager.net

Monitor status : Online



A screenshot of a web browser's address bar. It features a light orange header bar above a light beige address bar. The address bar contains navigation icons (back, forward, refresh) on the left, a security warning icon and text 'Not secure' in the middle, and the URL 'may22tm.trafficmanager.net' on the right.

THIS IS APPLICATION GATEWAY

It is used to do path based routing.