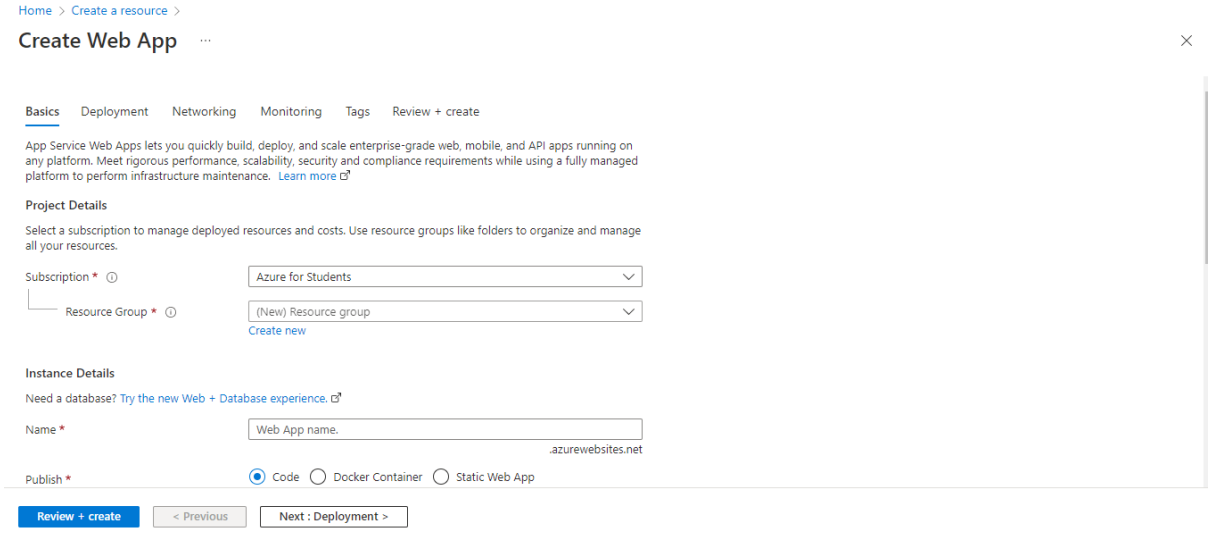
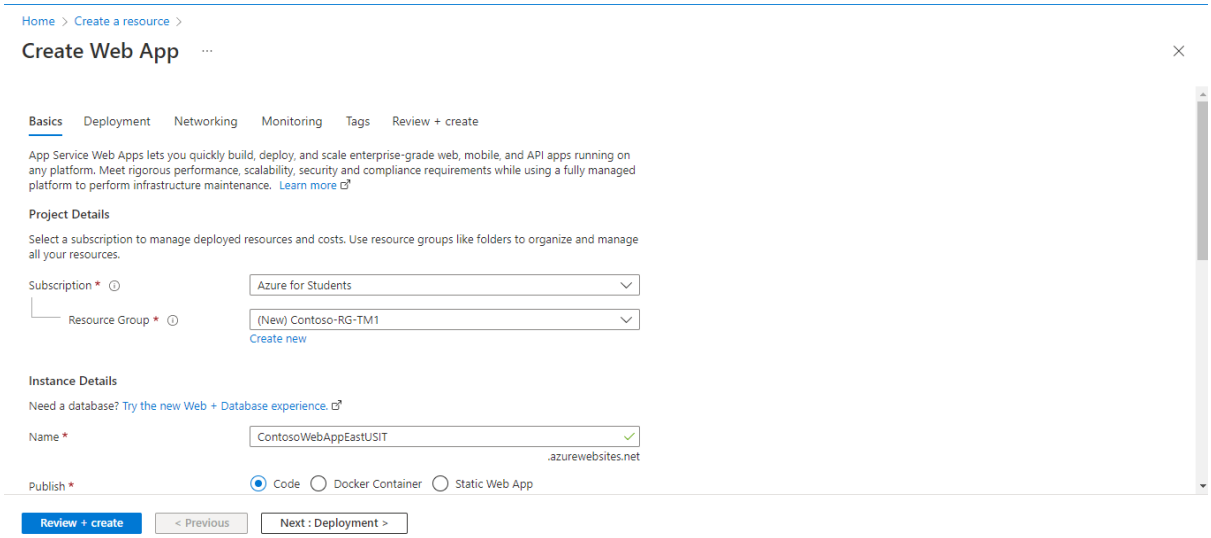
M04-Unit 6 Create a Traffic Manager profile using the Azure portal

Task 1: Create the web apps

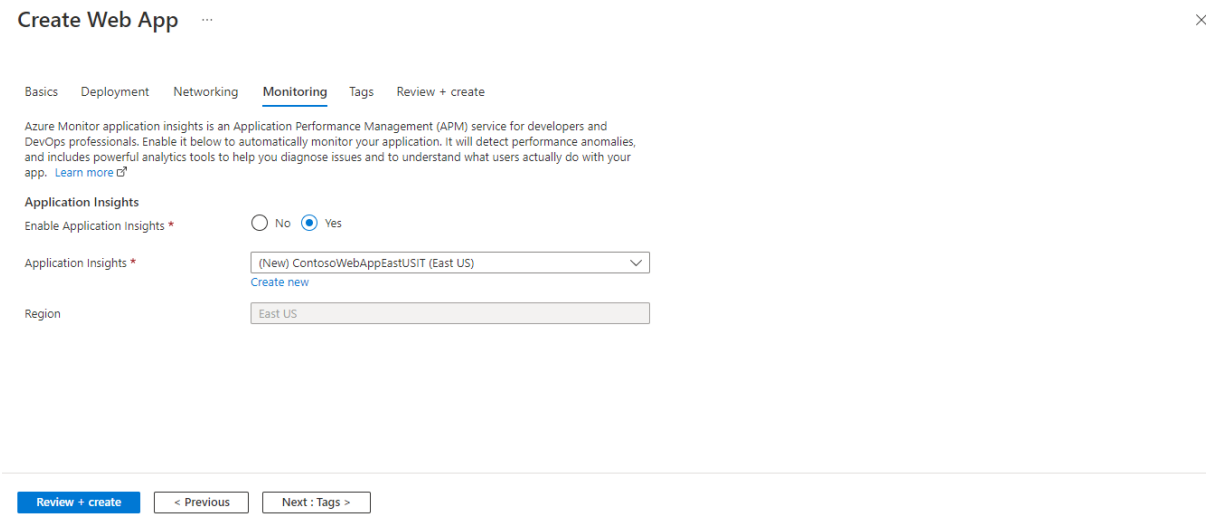
1.On the Azure portal home page, click Create a resource, then select Web App (if this resource type is not listed on the page, use the search box at the top of the page to search for it and select it



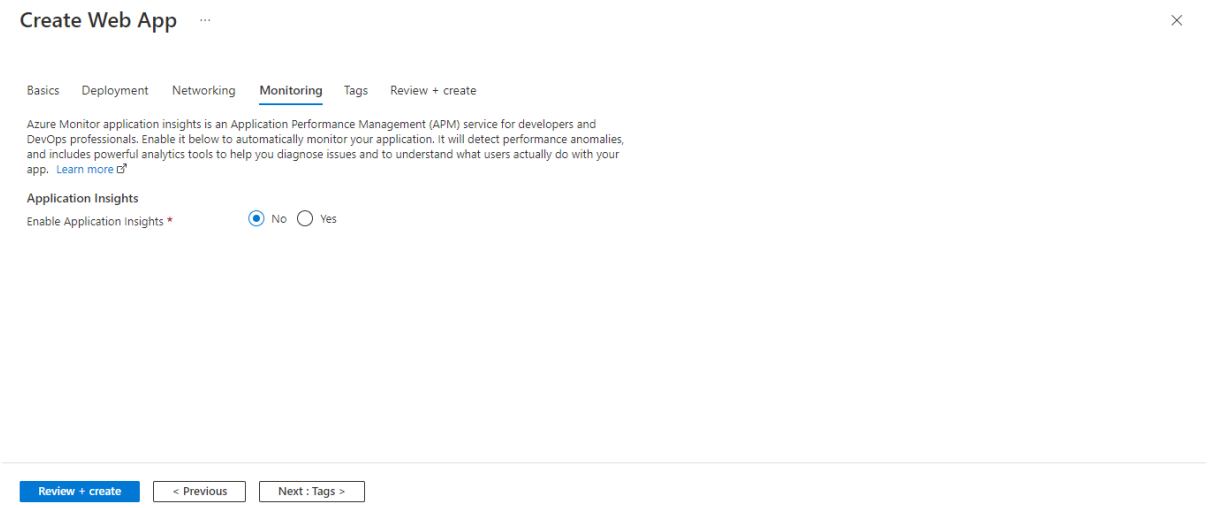
2.On the Create Web App page, on the Basics tab, use the information in the table below to create the first web application.



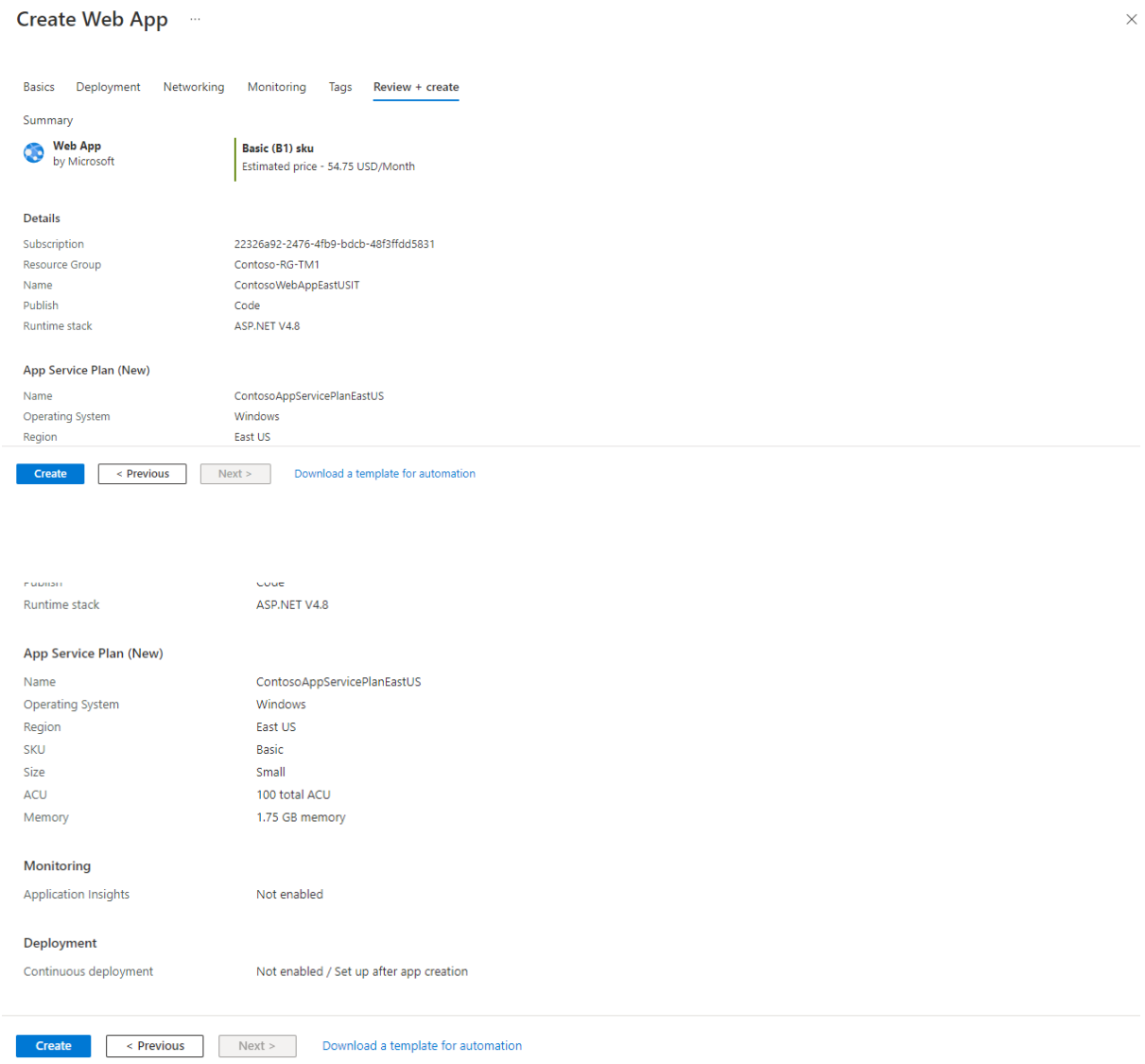
3. Click Next : Deployment, then click Next : Monitoring.



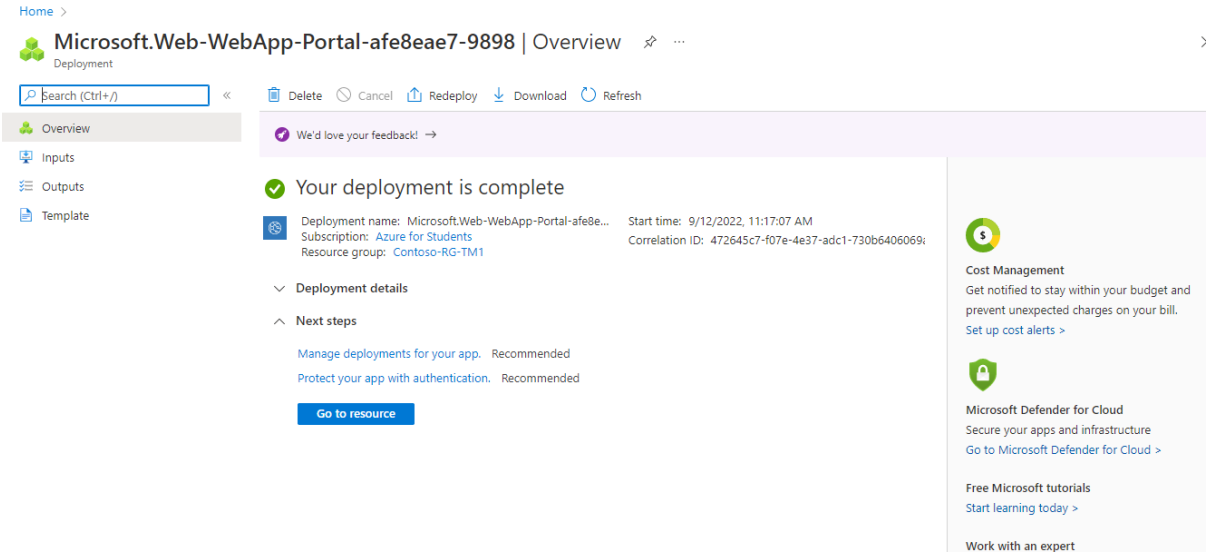
4. On the Monitoring tab, select the No option for Enable Application Insights.



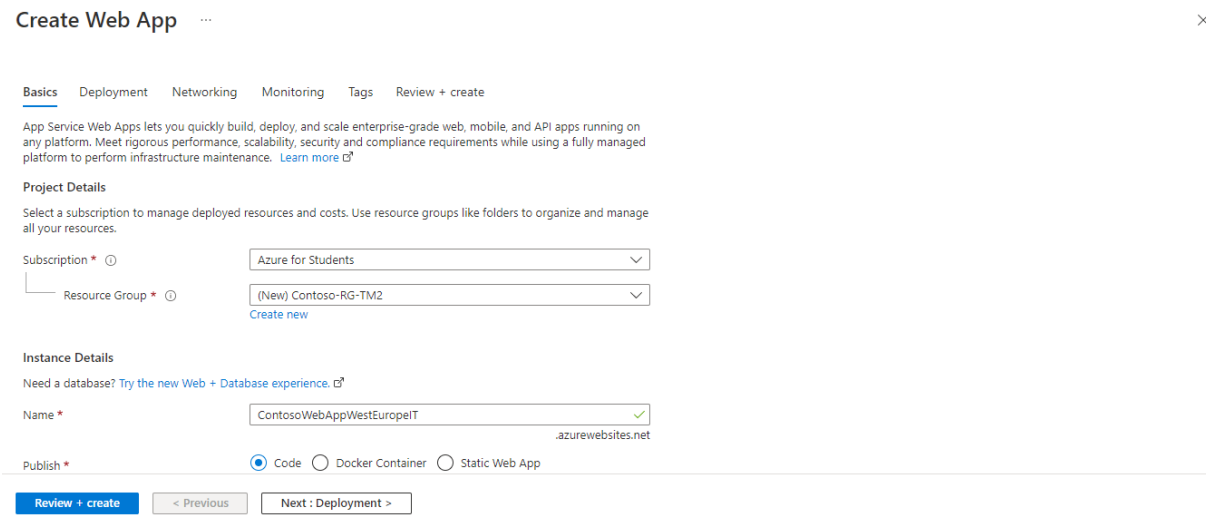
5. Click Review + create.



6. Click Create. When the Web App successfully deploys, it creates a default web site.



7. Repeat steps 1-6 above to create a second web app. Use the same settings as before except for the information in the table below.



.azurewebsites.net

Publish * (•) Code ( ) Docker Container ( ) Static Web App

Runtime stack * ASP.NET V4.8

Operating System * ( ) Linux (•) Windows

Region * West Europe

Not finding your App Service Plan? Try a different region or select your App Service Environment.

App Service Plan

App Service plan pricing tier determines the location, features, cost and compute resources associated with your app.
Learn more

Windows Plan (West Europe) * (New) ContosoAppServicePlanWestEurope

Create new

Sku and size * **Free F1**
Shared infrastructure, 1 GB memory
Change size

Review + create | < Previous | Next : Deployment >

Create Web App

Basics | Deployment | Networking | Monitoring | Tags | Review + create

Summary

Web App
by Microsoft

Free sku
Estimated price - Free

Details

Subscription	22326a92-2476-4fb9-bdcb-48f3ffdd5831
Resource Group	Contoso-RG-TM2
Name	ContosoWebAppWestEuropeIT
Publish	Code
Runtime stack	ASP.NET V4.8

App Service Plan (New)

Name	ContosoAppServicePlanWestEurope
Operating System	Windows
Region	West Europe

Create | < Previous | Next > | Download a template for automation

Subscription	22326a92-2476-4fb9-bdcb-48f3ffdd5831
Resource Group	Contoso-RG-TM2
Name	ContosoWebAppWestEuropeIT
Publish	Code
Runtime stack	ASP.NET V4.8

App Service Plan (New)

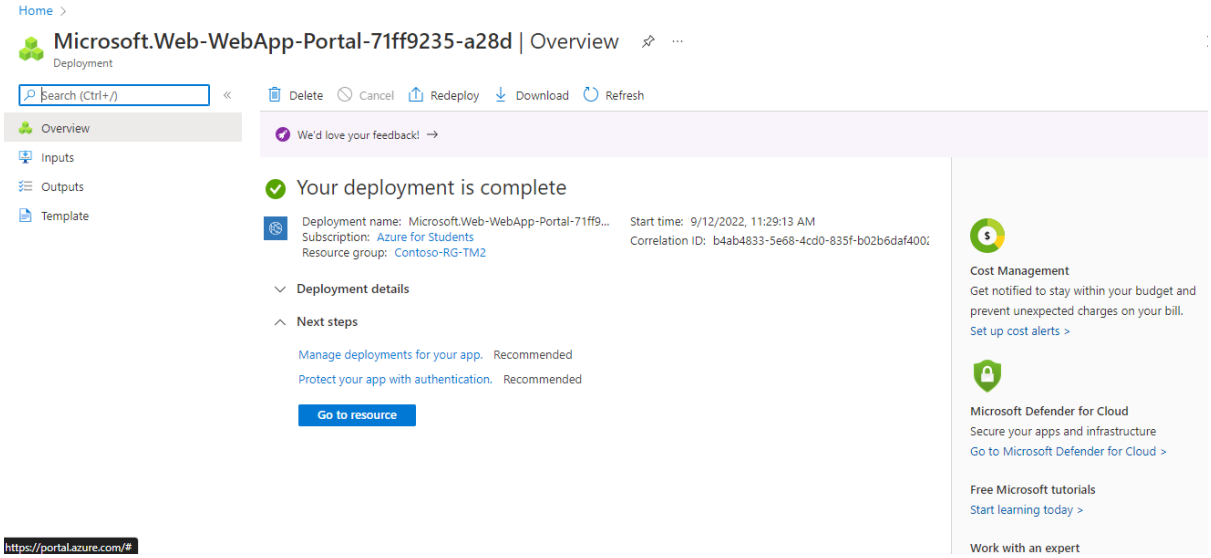
Name	ContosoAppServicePlanWestEurope
Operating System	Windows
Region	West Europe
SKU	Free
ACU	Shared infrastructure
Memory	1 GB memory

Monitoring

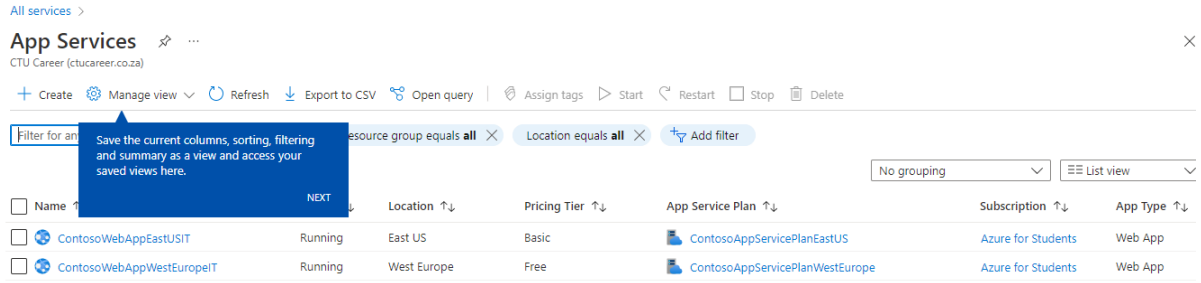
Application Insights	Not enabled

Deployment

Create | < Previous | Next > | Download a template for automation

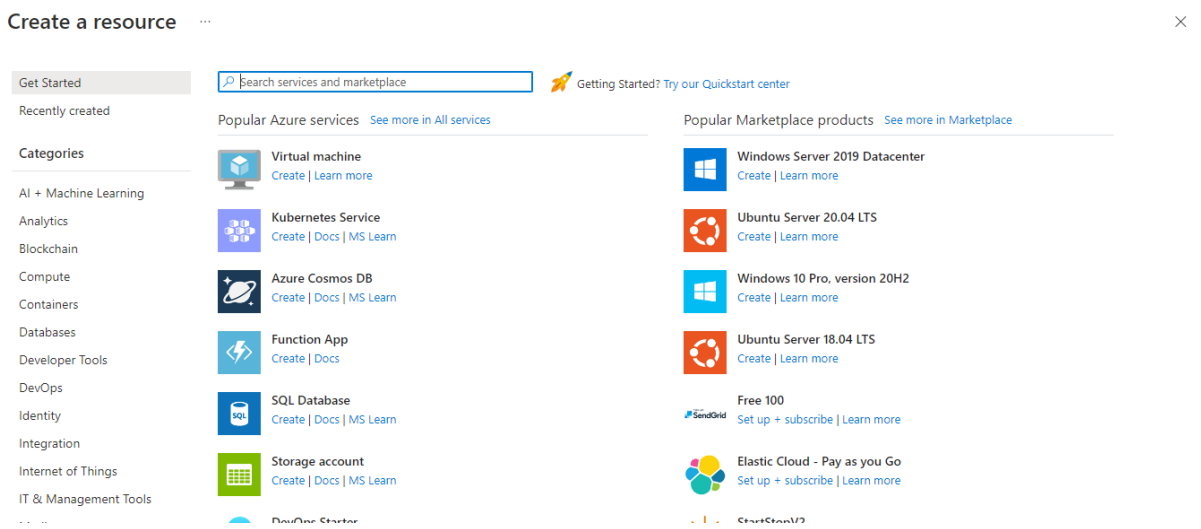


8.On the Azure home page, click All services, in the left navigation menu, select Web, and then click App Services. + 9. You should see the two new web apps listed.

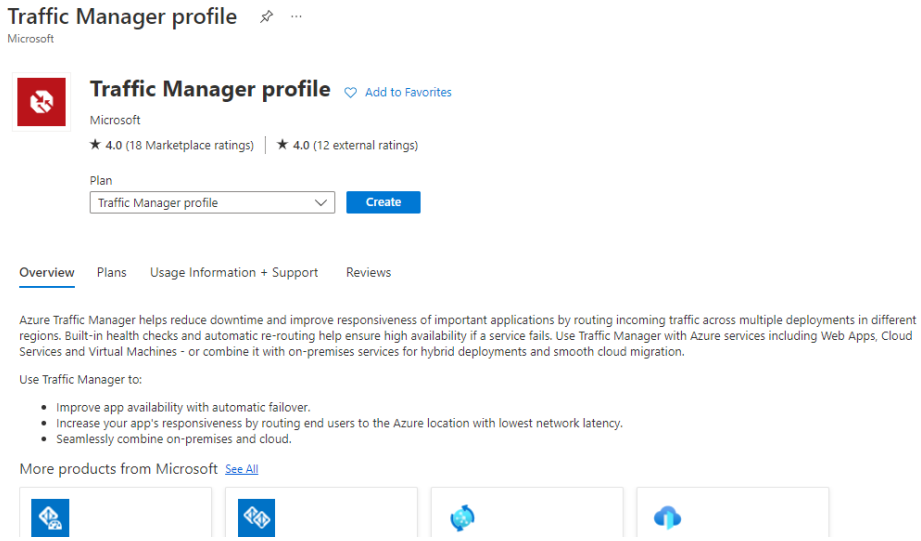


Task 2: Create a Traffic Manager profile

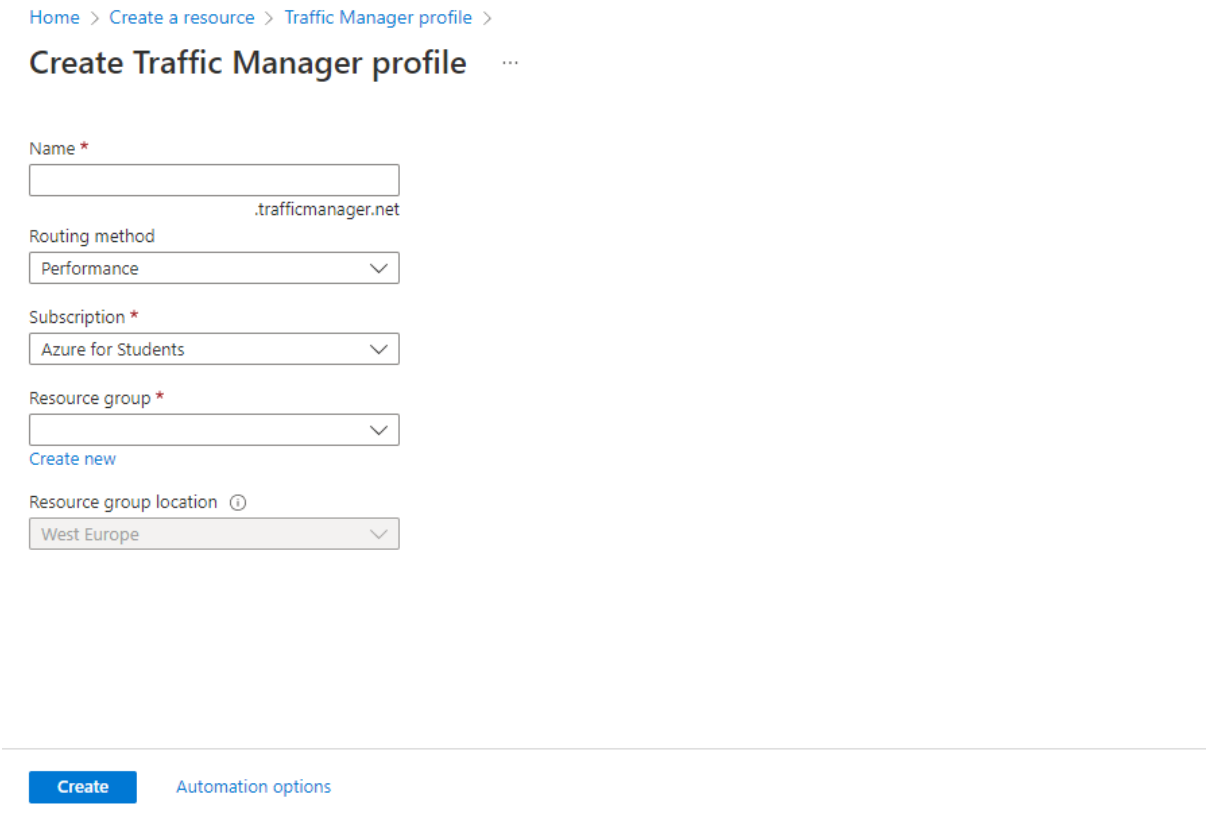
1. On the Azure portal home page, click Create a resource.



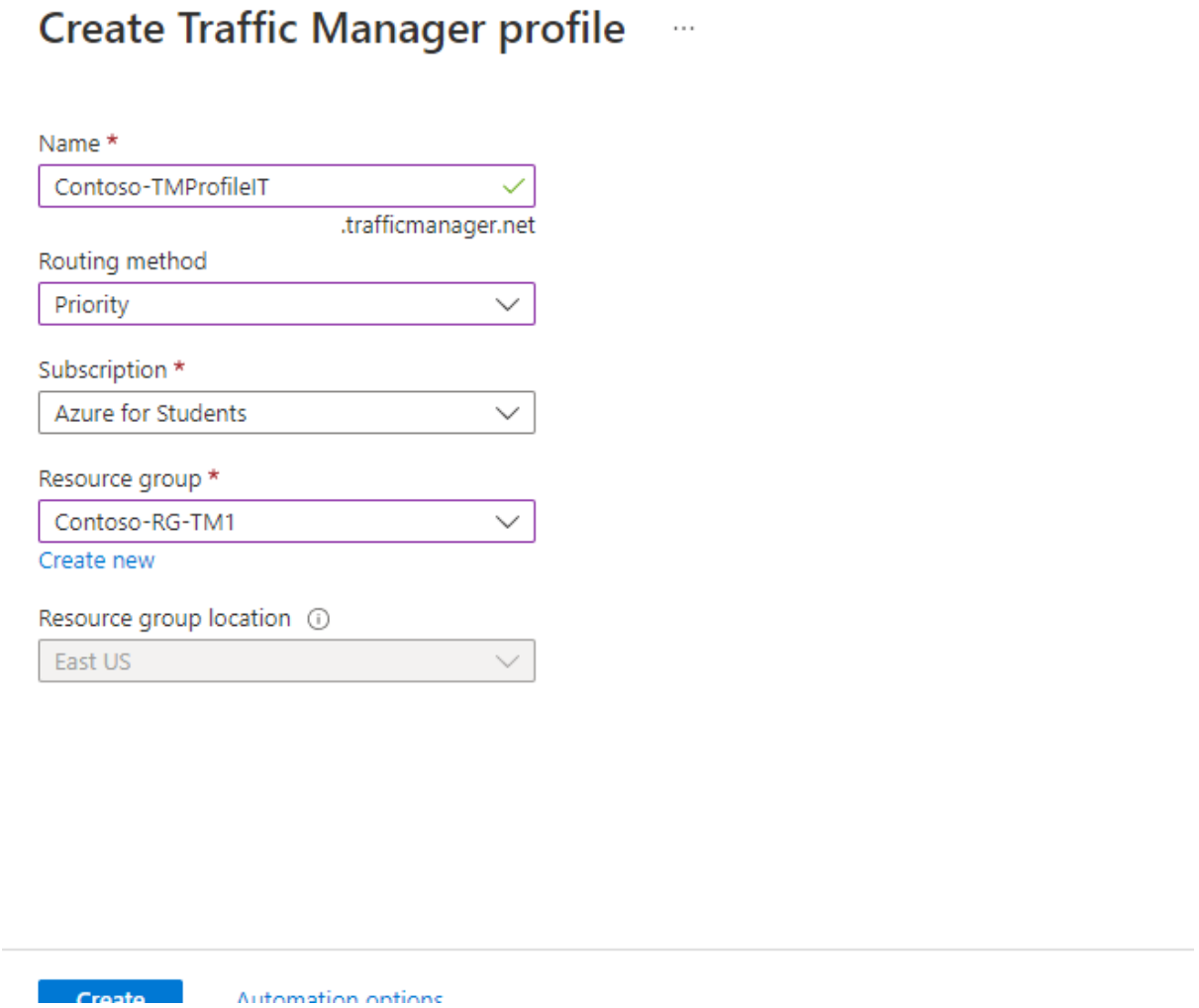
2.In the search box at the top of the page, type Traffic Manager profile, and then select it from the pop-up list.



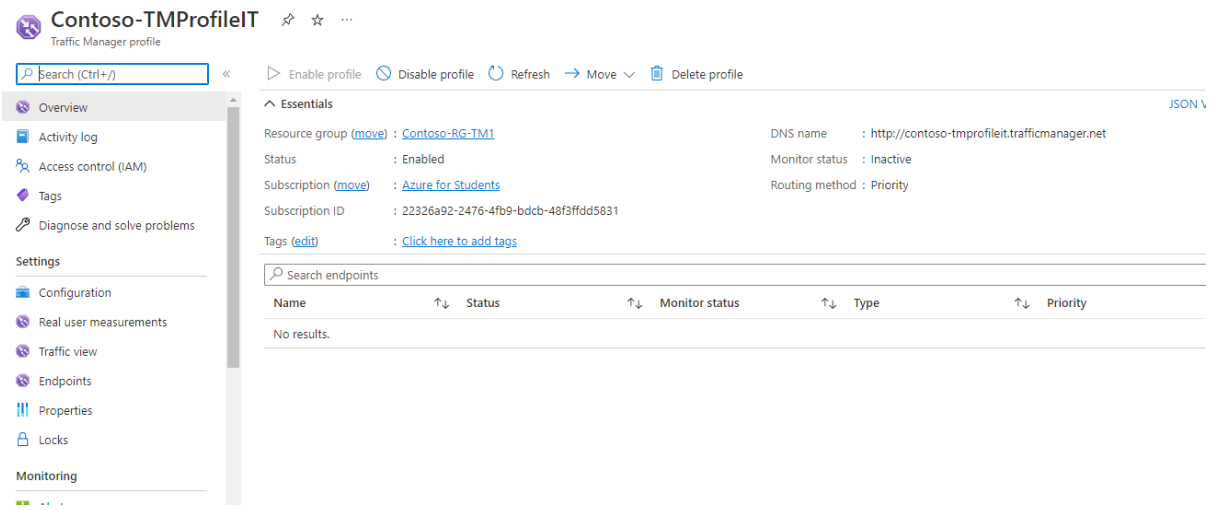
3.Click Create.



4. On the Create Traffic Manager profile page, use the information in the table below to create the Traffic Manager profile.

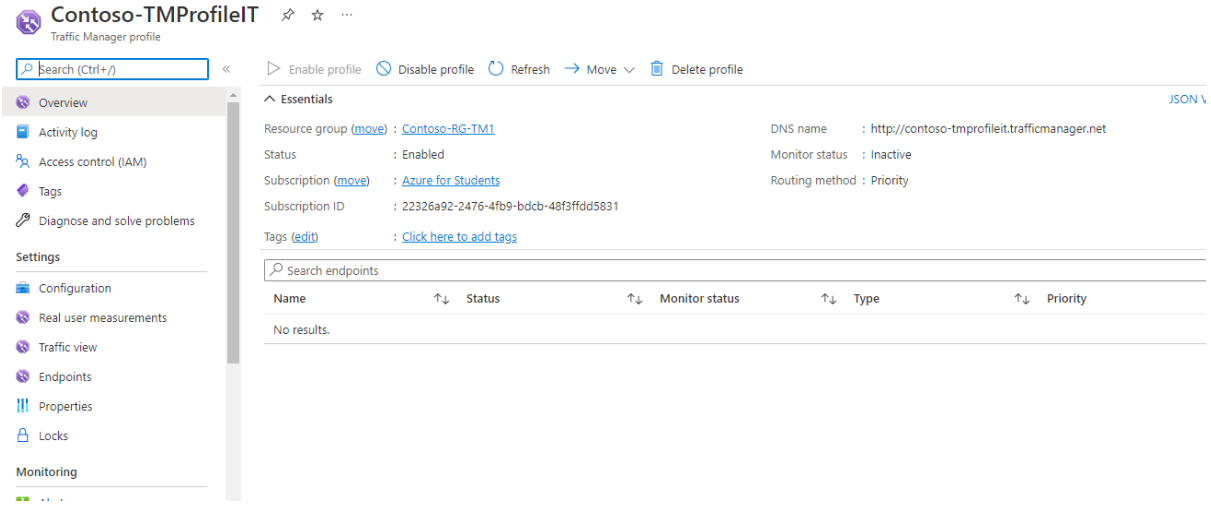


5. Click Create.

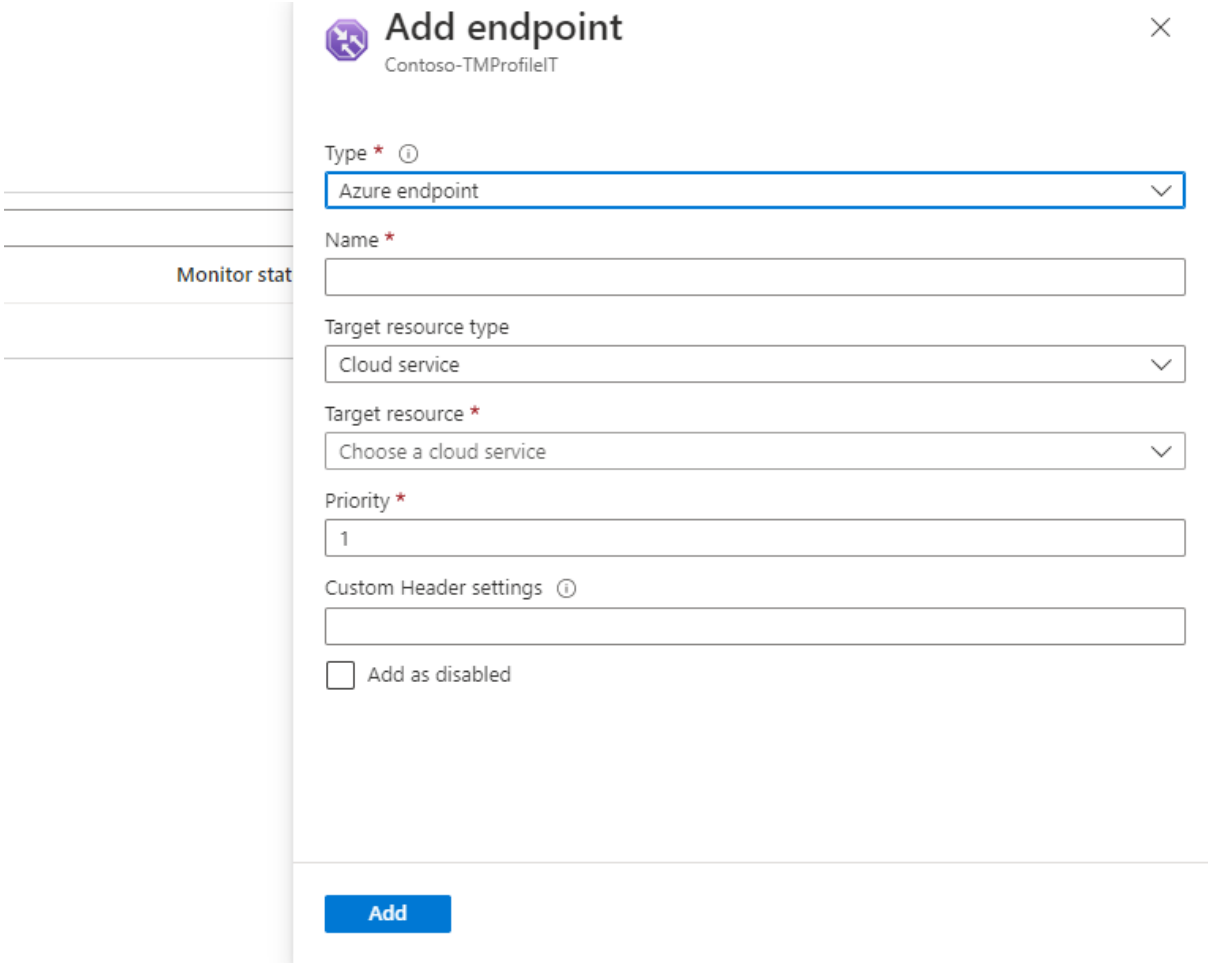


Task 3: Add Traffic Manager endpoints

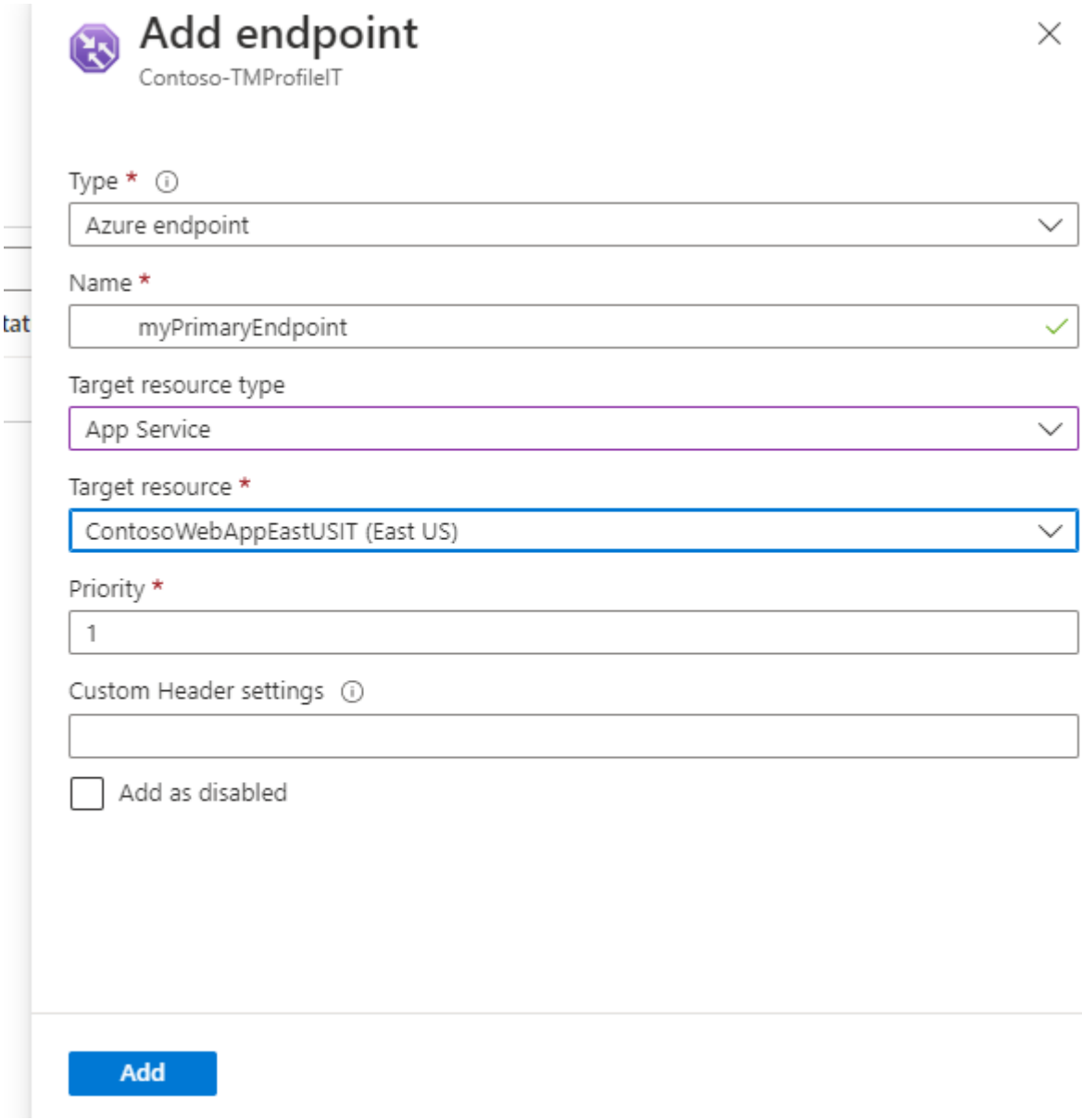
1. On the Azure portal home page, click All resources, then click on Contoso-TMProfile in the resources list.



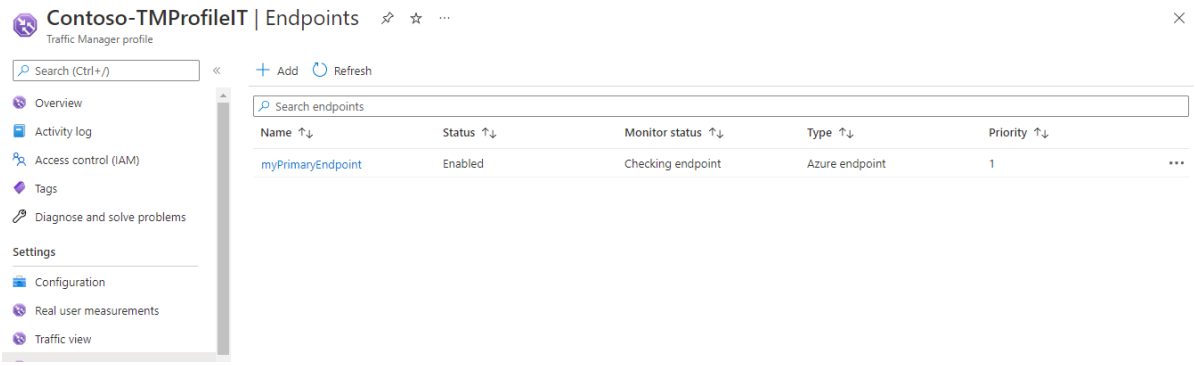
2. Under Settings, select Endpoints, and then click Add.



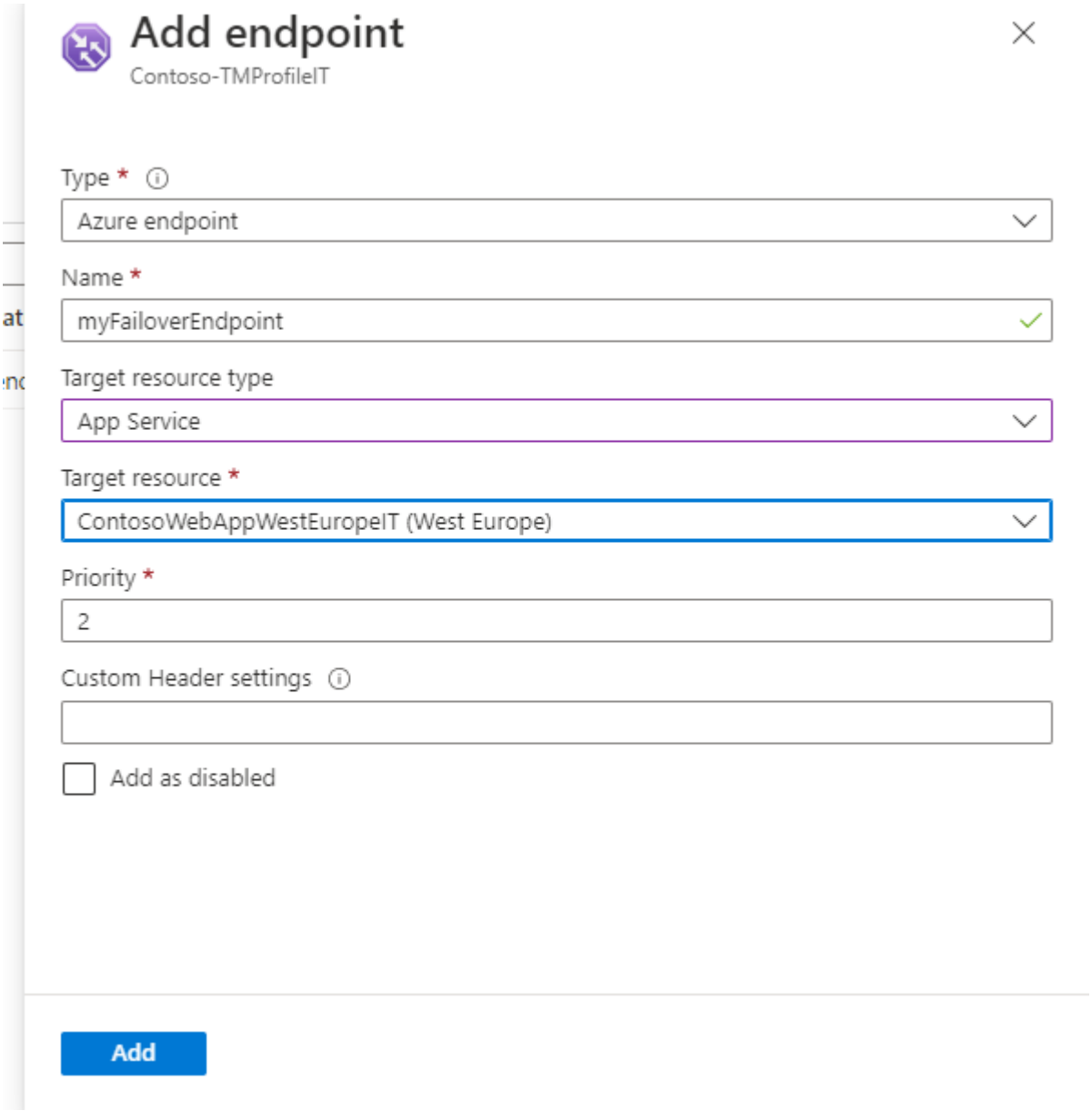
3. On the Add endpoint page, enter the information from the table below.


Add endpoint
Contoso-TMProfileIT
Type *
Azure endpoint
Name *
myPrimaryEndpoint
Target resource type
App Service
Target resource *
ContosoWebAppEastUSIT (East US)
Priority *
1
Custom Header settings
Add as disabled
Add

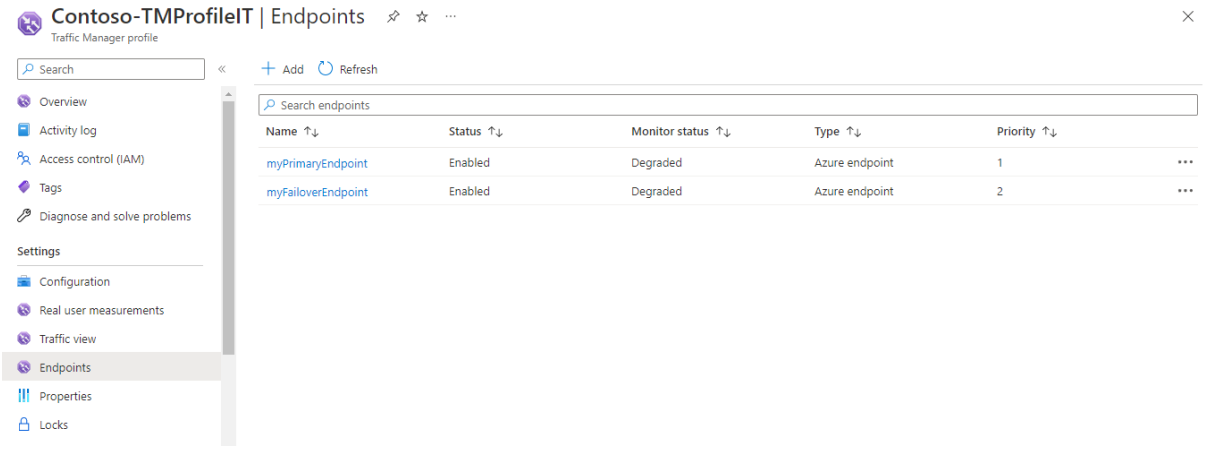
4. Click Add.



5. Repeat steps 2-4 above to create the failover endpoint. Use the same settings as before except for the information in the table below.

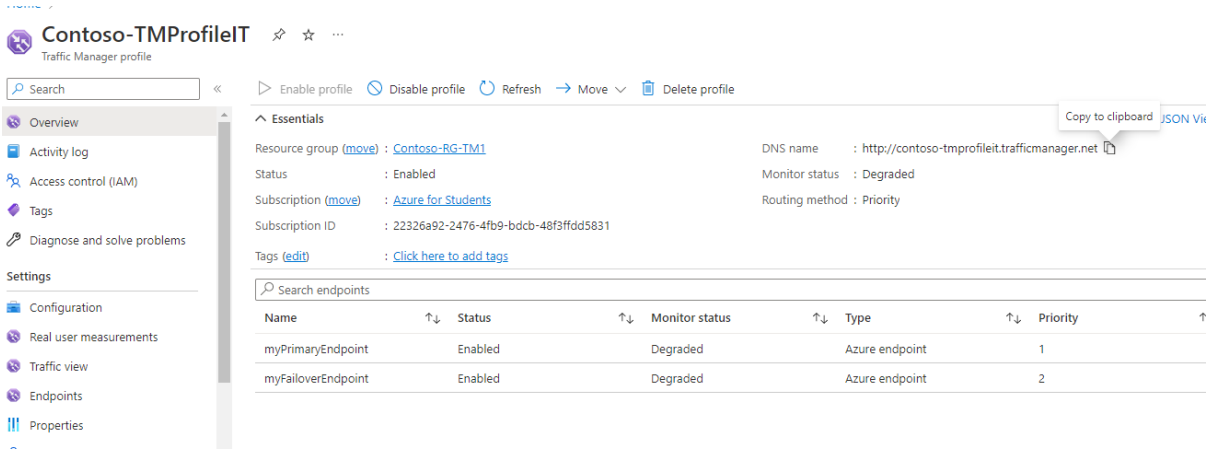

Add endpoint
Contoso-TMProfileIT
Type *
Azure endpoint
Name *
myFailoverEndpoint
Target resource type
App Service
Target resource *
ContosoWebAppWestEuropeIT (West Europe)
Priority *
2
Custom Header settings
Add as disabled
Add

6. Setting a priority of 2 means that traffic will route to this failover endpoint if the configured primary endpoint becomes unhealthy. + 7. The two new endpoints are displayed in the Traffic Manager profile. Notice that after a few minutes the Monitoring status should change to Online.

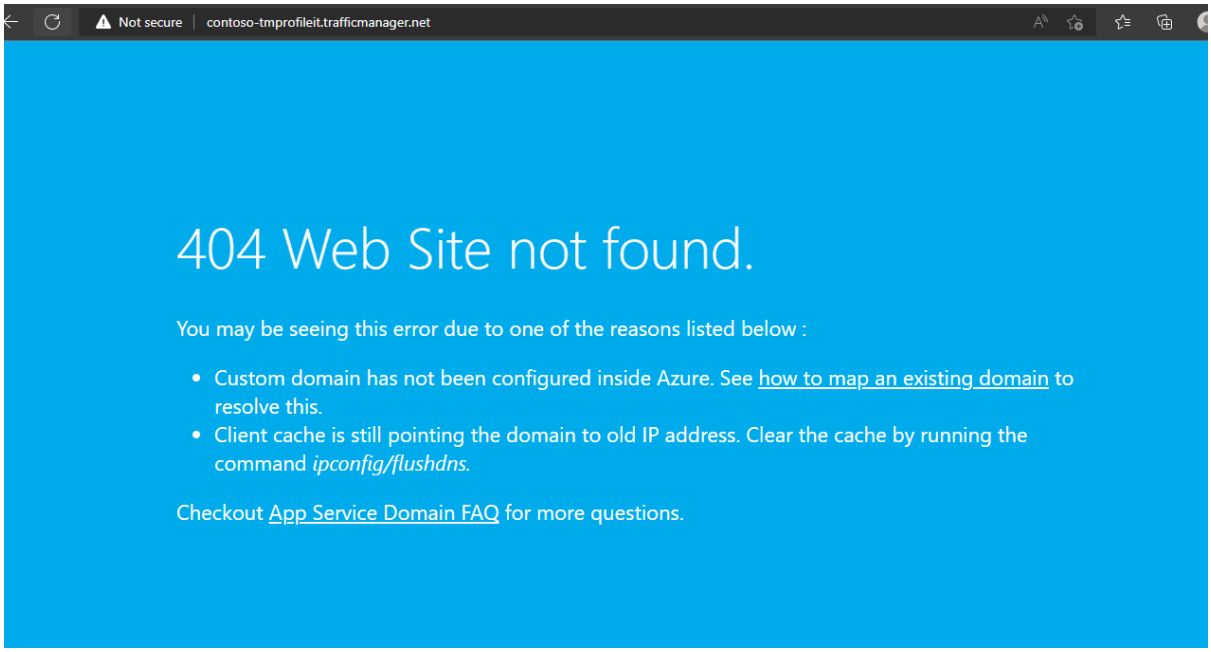


Task 4: Test the Traffic Manager profile

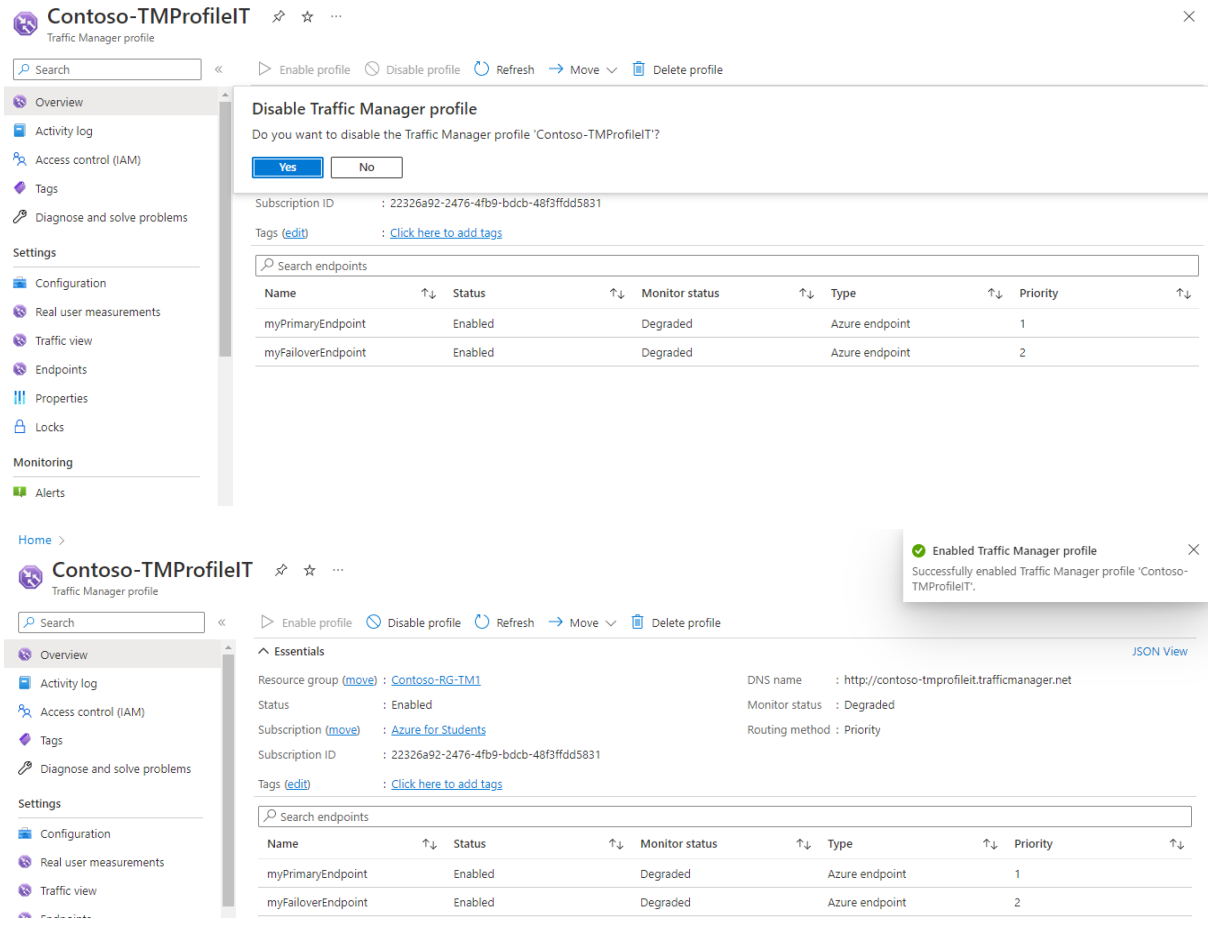
1. On the Contoso-TMProfile page, click Overview.+2. On the Overview screen, copy the DNS name entry to the clipboard (or take note of it somewhere).



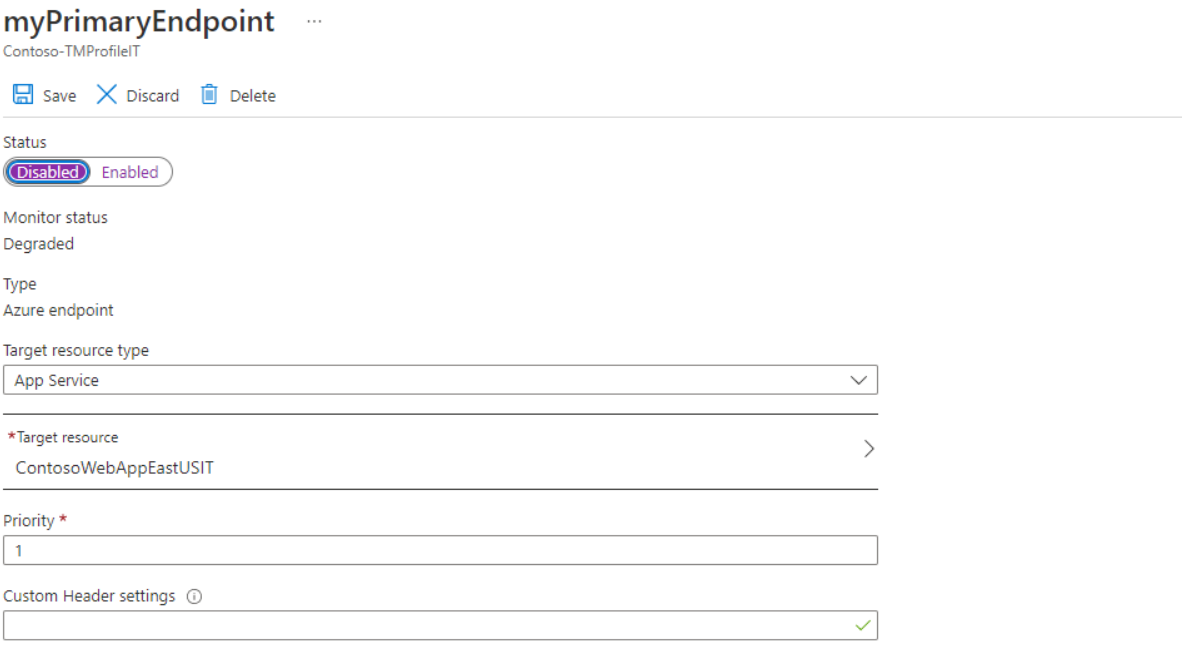
3.Open a web browser tab, and paste (or enter) the DNS name entry (contoso-tmprofile.trafficmanager.net) into the address bar, and press Enter.



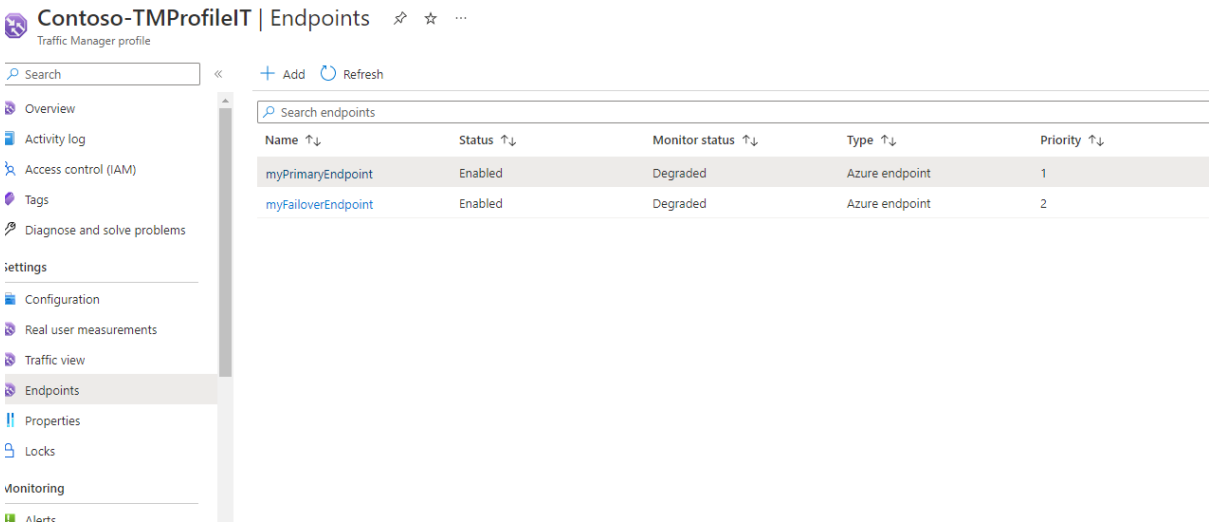
4. The web app's default web site should be displayed. If you get 404 Web Site not found message, Disable profile from Contoso-TMProfilexx Traffic Manager profile overview page and Enable profile. Then refresh the webpage.



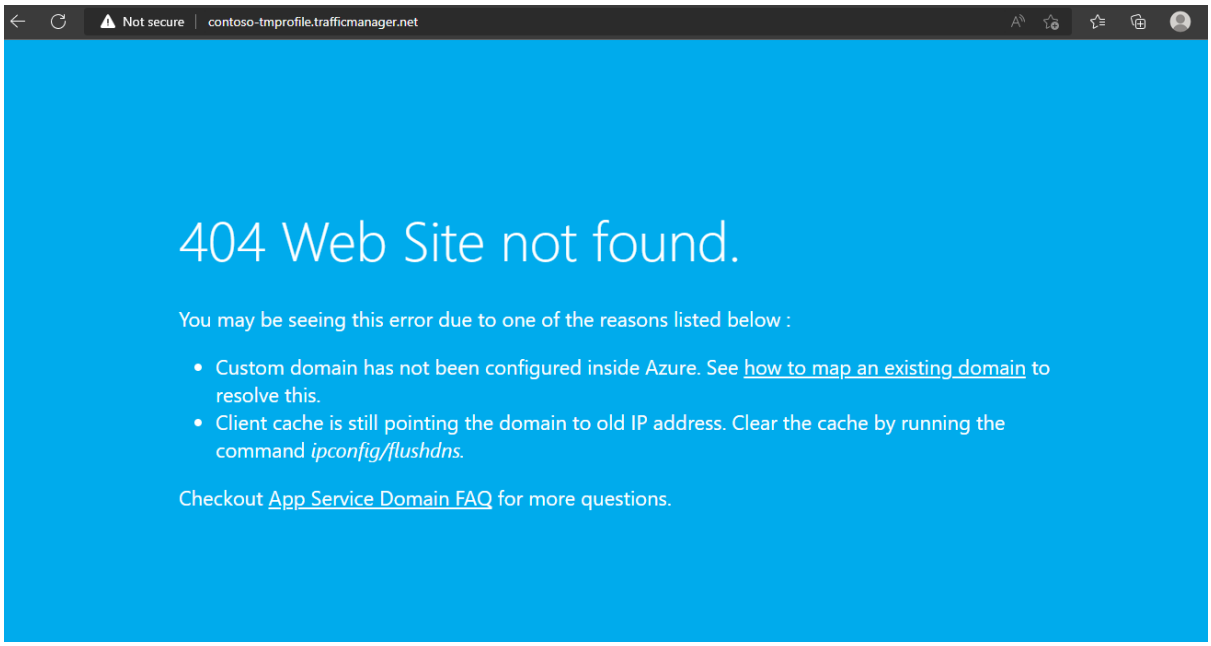
7. On the Contoso-TMProfile page, on the overview screen, select myPrimaryEndpoint. +8. On the myPrimaryEndpoint page, under Status, click Disabled, and then click Save.



8. Close the myPrimaryEndpoint page (click the X in the top right corner of the page).+10. On the Contoso-TMProfile page, the Monitor status for myPrimaryEndpoint should now be Disabled.



12. Open a new web browser session, and paste (or enter) the DNS name entry (contoso-tmprofile.trafficmanager.net) into the address bar, and press Enter



Task 4: Test the Traffic Manager profile

1. On the Contoso-TMProfile page, click Overview.