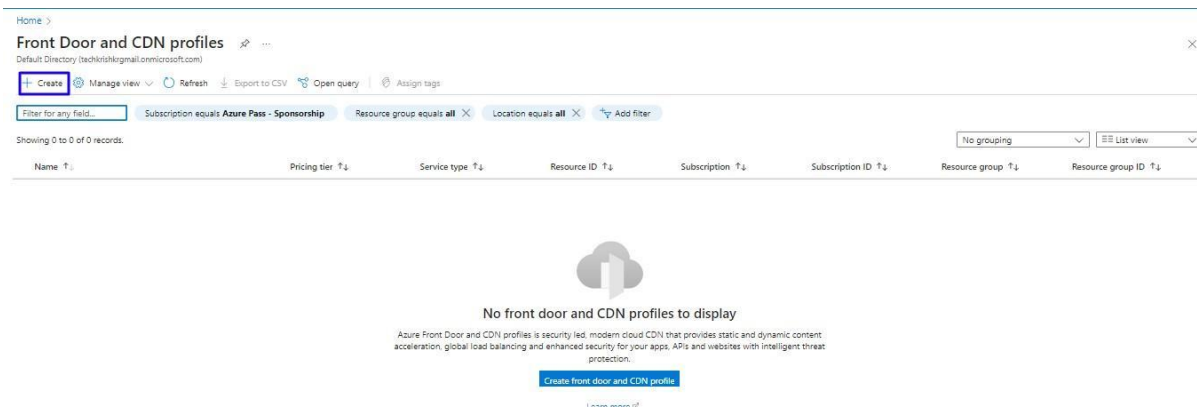


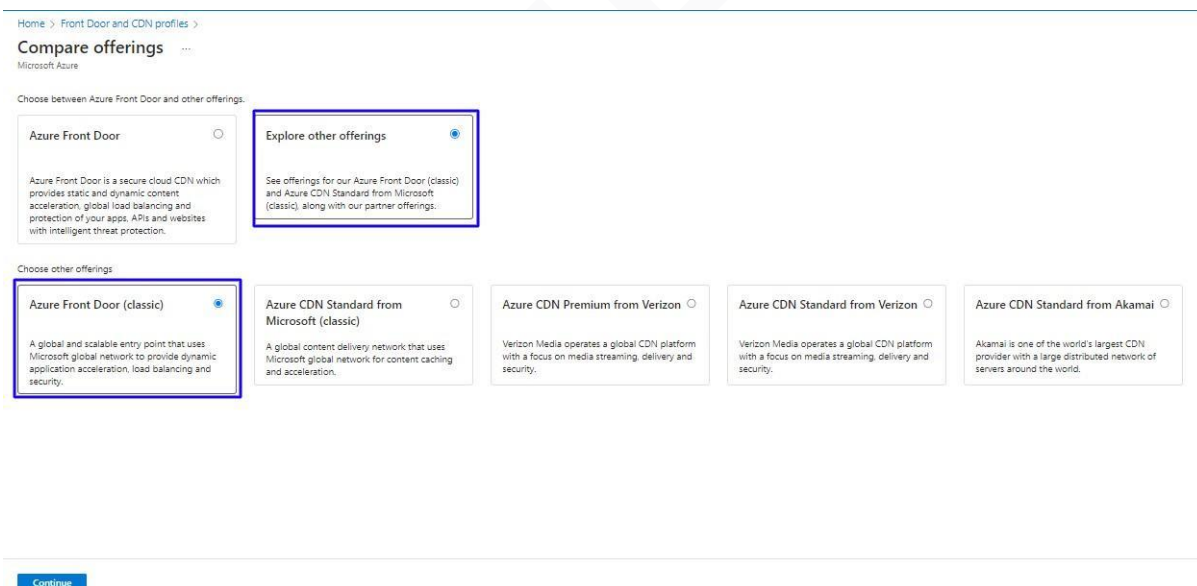


Module 7: Hands-On: Creating a Front Door Service in Azure Portal

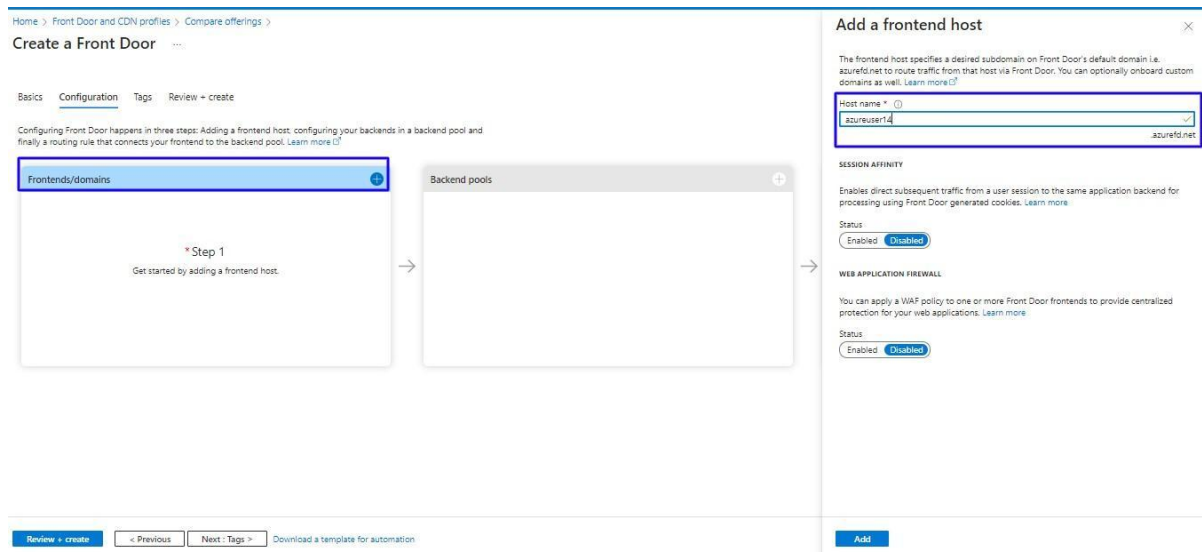
Step 1: To create a front door service in Azure Portal, click on +Create



Step 2: Now select, Explore other offerings > Azure Front Door (classic)



Step 3: First you have to add a frontend host. Enter the basic details such as the preferred host name, session affinity and firewall, and then click on Add



Home > Front Door and CDN profiles > Compare offerings >

Create a Front Door

Basics Configuration Tags Review + create

Configuring Front Door happens in three steps: Adding a frontend host, configuring your backends in a backend pool and finally a routing rule that connects your frontend to the backend pool. [Learn more](#)

Frontends/domains (+) → **Backend pools** (+)

*** Step 1**
Get started by adding a frontend host.

Add a frontend host

The frontend host specifies a desired subdomain on Front Door's default domain (i.e. azurefd.net) to route traffic from that host via Front Door. You can optionally onboard custom domains as well. [Learn more](#)

Host name * .azurefd.net

SESSION AFFINITY
Enables direct subsequent traffic from a user session to the same application backend for processing using Front Door generated cookies. [Learn more](#)

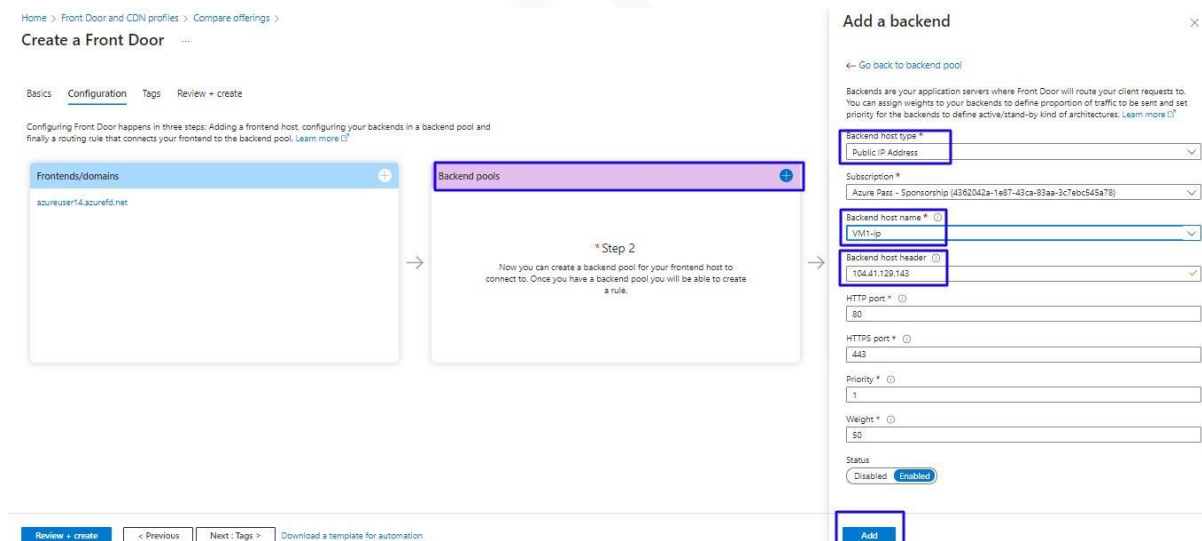
Status: ☒ Enabled ☐ Disabled

WEB APPLICATION FIREWALL
You can apply a WAF policy to one or more Front Door frontends to provide centralized protection for your web applications. [Learn more](#)

Status: ☒ Enabled ☐ Disabled

[Review + create](#) [< Previous](#) [Next: Tags >](#) [Download a template for automation](#) [Add](#)

Step 4: Then, we have to create two backend pools for two VMs and have to fill the information required



Home > Front Door and CDN profiles > Compare offerings >

Create a Front Door

Basics Configuration Tags Review + create

Configuring Front Door happens in three steps: Adding a frontend host, configuring your backends in a backend pool and finally a routing rule that connects your frontend to the backend pool. [Learn more](#)

Frontends/domains (+) → **Backend pools** (+)

*** Step 2**
Now you can create a backend pool for your frontend host to connect to. Once you have a backend pool you will be able to create a rule.

Add a backend

[Go back to backend pool](#)

Backends are your application servers where Front Door will route your client requests to. You can assign weights to your backends to define proportion of traffic to be sent and set priority for the backends to define active/stand-by kind of architectures. [Learn more](#)

Backend host type *

Subscription *

Backend host name *

Backend host header *

HTTP port *

HTTPS port *

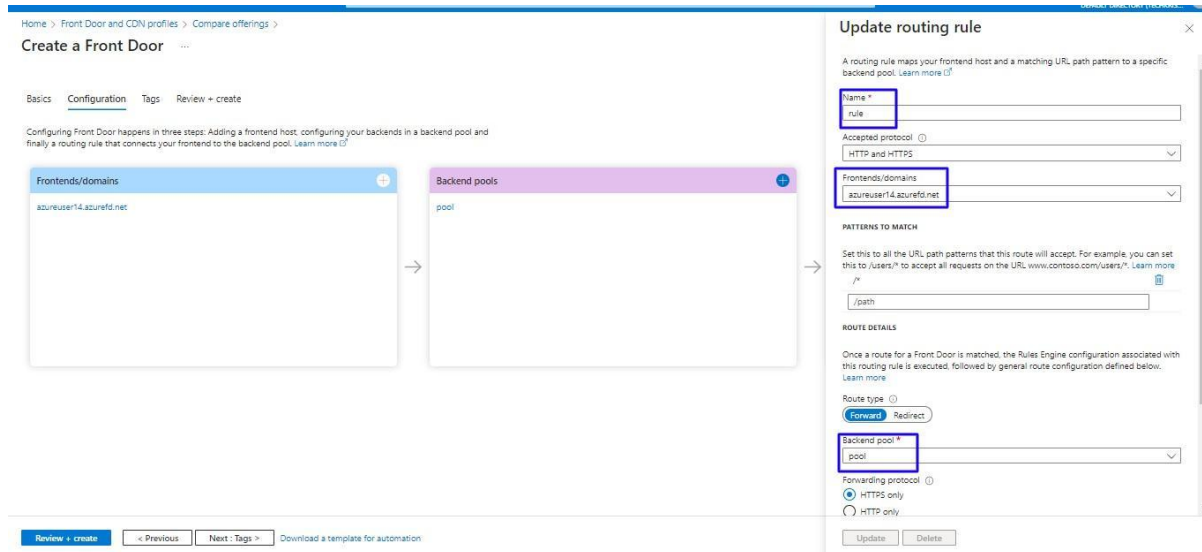
Priority *

Weight *

Status: ☒ Enabled ☐ Disabled

[Review + create](#) [< Previous](#) [Next: Tags >](#) [Download a template for automation](#) [Add](#)

Step 5: Now, we will add Routing rules to it. Specify the name, frontend domains and then click on OK.



Home > Front Door and CDN profiles > Compare offerings >

Create a Front Door

Basics Configuration Tags Review + create

Configuring Front Door happens in three steps: Adding a frontend host, configuring your backends in a backend pool and finally a routing rule that connects your frontend to the backend pool. [Learn more](#)

Frontends/domains
azureuser14.azurefd.net

→

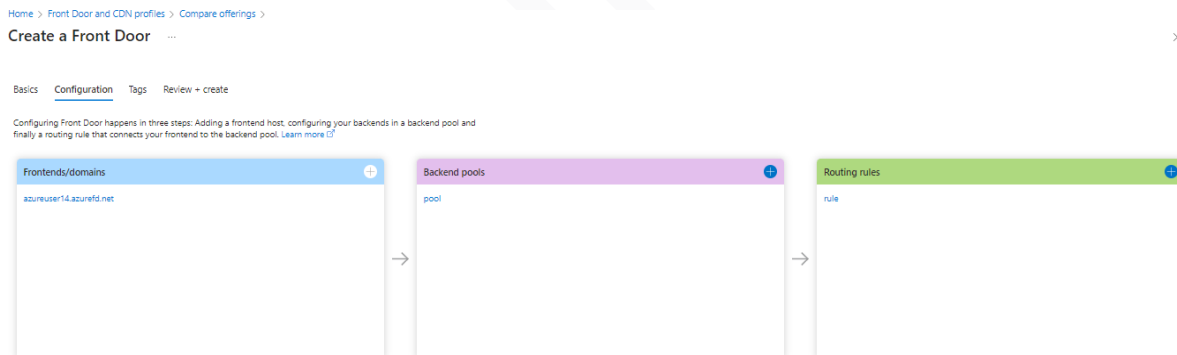
Backend pools
pool

→

Update routing rule
A routing rule maps your frontend host and a matching URL path pattern to a specific backend pool. [Learn more](#)
Name *
rule
Accepted protocol
HTTP and HTTPS
Frontends/domains
azureuser14.azurefd.net
PATTERNS TO MATCH
Set this to all the URL path patterns that this route will accept. For example, you can set this to /users/* to accept all requests on the URL www.contoso.com/users/* [Learn more](#)
/path
ROUTE DETAILS
Once a route for a Front Door is matched, the Rules Engine configuration associated with this routing rule is executed, followed by general route configuration defined below. [Learn more](#)
Route type
Forward Redirect
Backend pool *
pool
Forwarding protocol
HTTPS only
HTTP only
Update Delete

Review + create < Previous Next > Tags Download a template for automation

Step 6: As all the three steps are completed, you'll be able to see it in wizard. Now just click on Review+create to deploy the service.



Home > Front Door and CDN profiles > Compare offerings >

Create a Front Door

Basics Configuration Tags Review + create

Configuring Front Door happens in three steps: Adding a frontend host, configuring your backends in a backend pool and finally a routing rule that connects your frontend to the backend pool. [Learn more](#)

Frontends/domains
azureuser14.azurefd.net

→

Backend pools
pool

→

Routing rules
rule

Step 7: After deployment, click on Go to Resource. It will take you to the Overview page of Front Door and you can copy the Frontend host ID and paste it in the browser to access your website

