DEVOPS with MULTI-CLOUD
Practice Tasks

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Course **:** DevOps with Multi-Cloud
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TASK-14 : Front Door.

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Objective :-

To provide global, high-performance, and secure HTTP/HTTPS load balancing for applications by routing user traffic to the nearest and healthiest backend endpoint.

Front Door :-

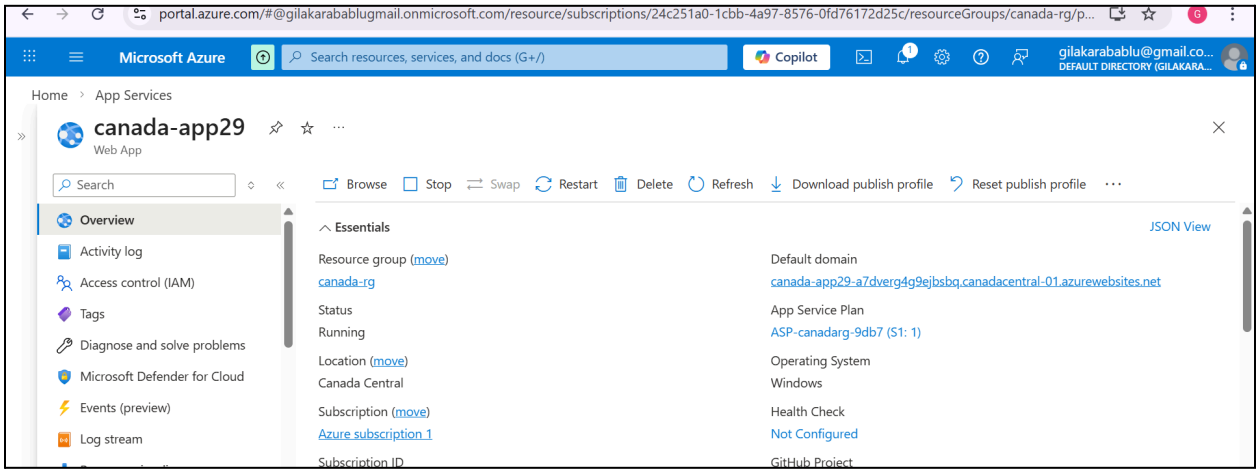
→ The Azure Front Door is a global load balancer. And it lies in the OSI layer 7(application).

→ The front door is a PaaS model & supports the waf.

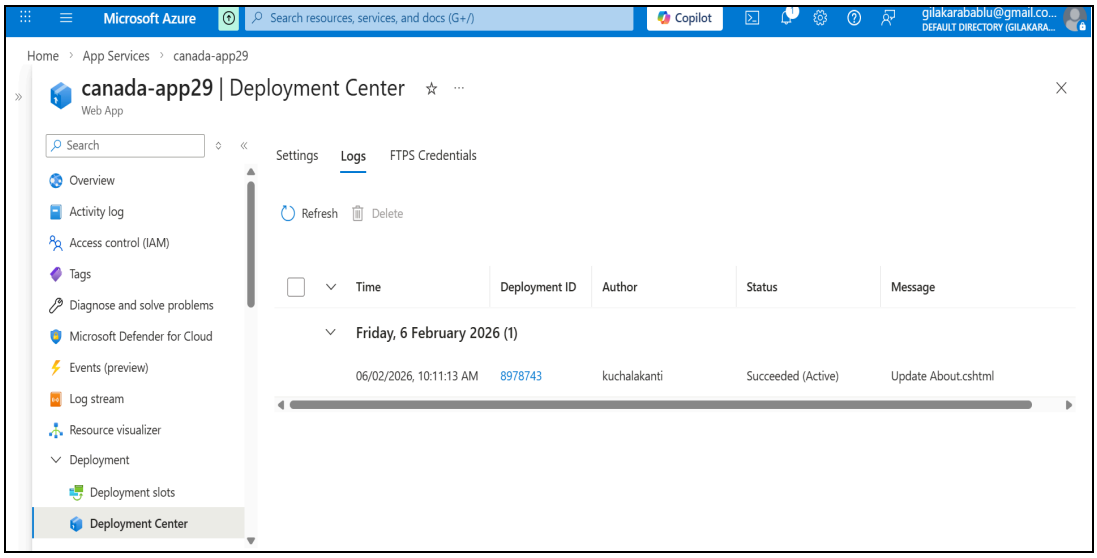
→ it can route the traffic using url and even distribute the traffic using weightage.

→ it supports http & https based applications.

→ It improves application speed and reliability using Microsoft's global edge network.

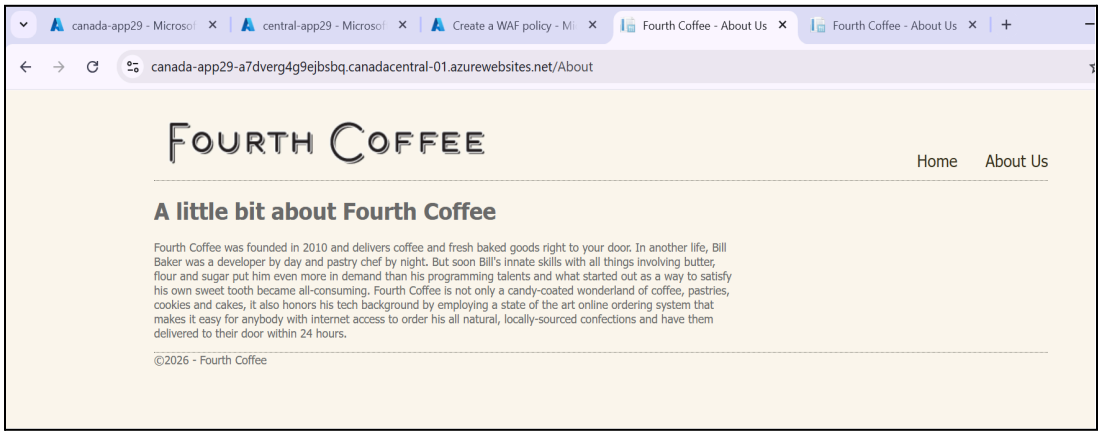


fig(1) successfully created a webapp.



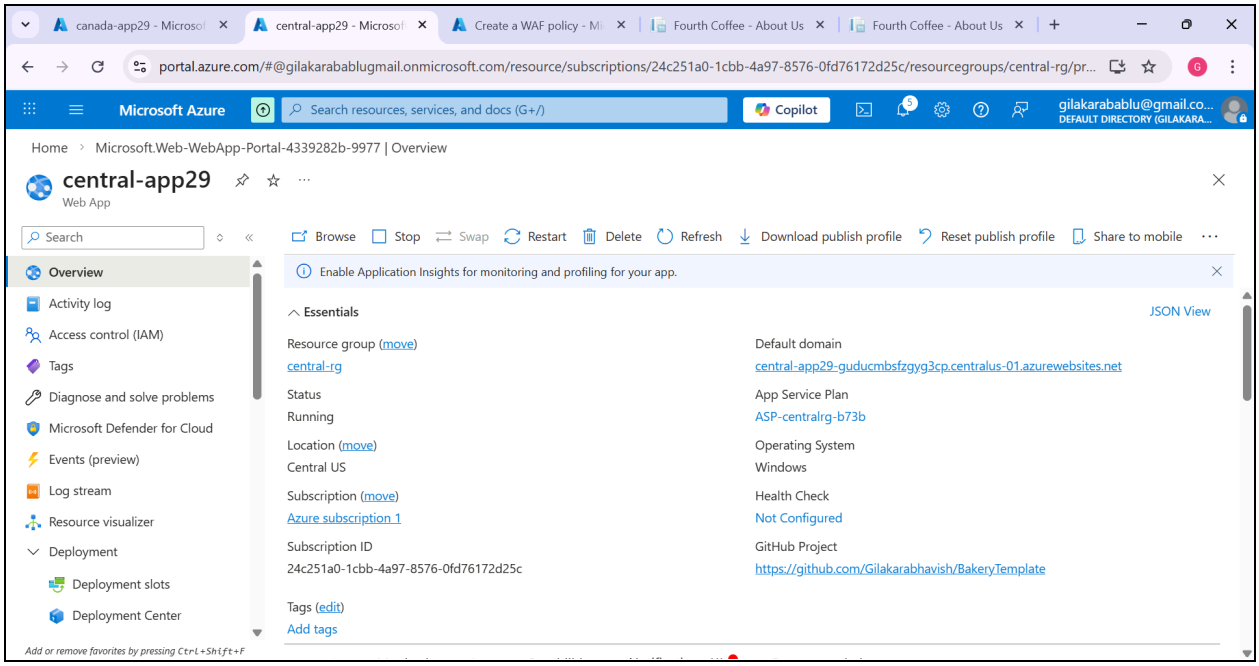
fig(2) deployed the code in the webapp

→ Now if we browse the webapp domain name we get the bakery template page.

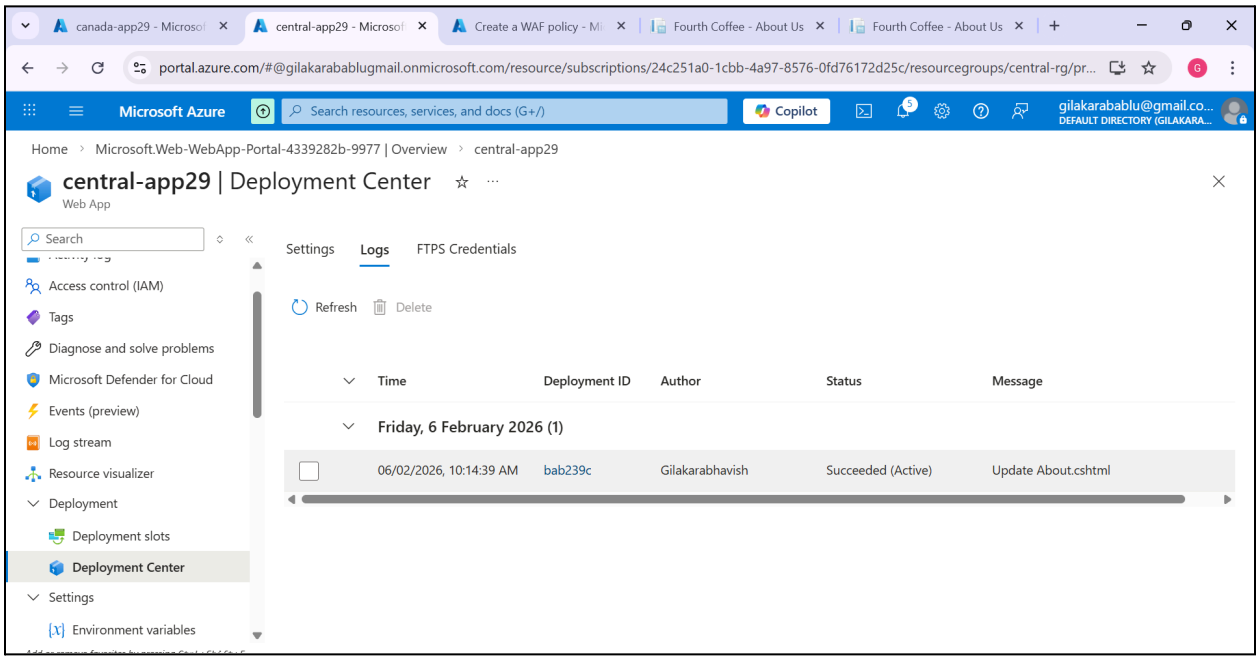


fig(3) the bakery coffee page.

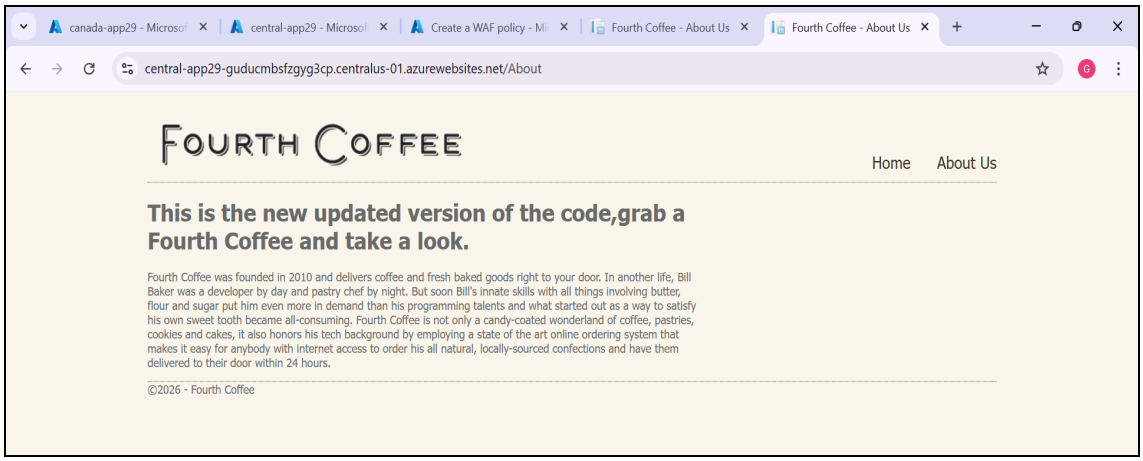
→ Now lets create another webapp and also deploy the code with some changes in it.



fig(4) created another webapp .



fig(5) deployed the code in the web app.

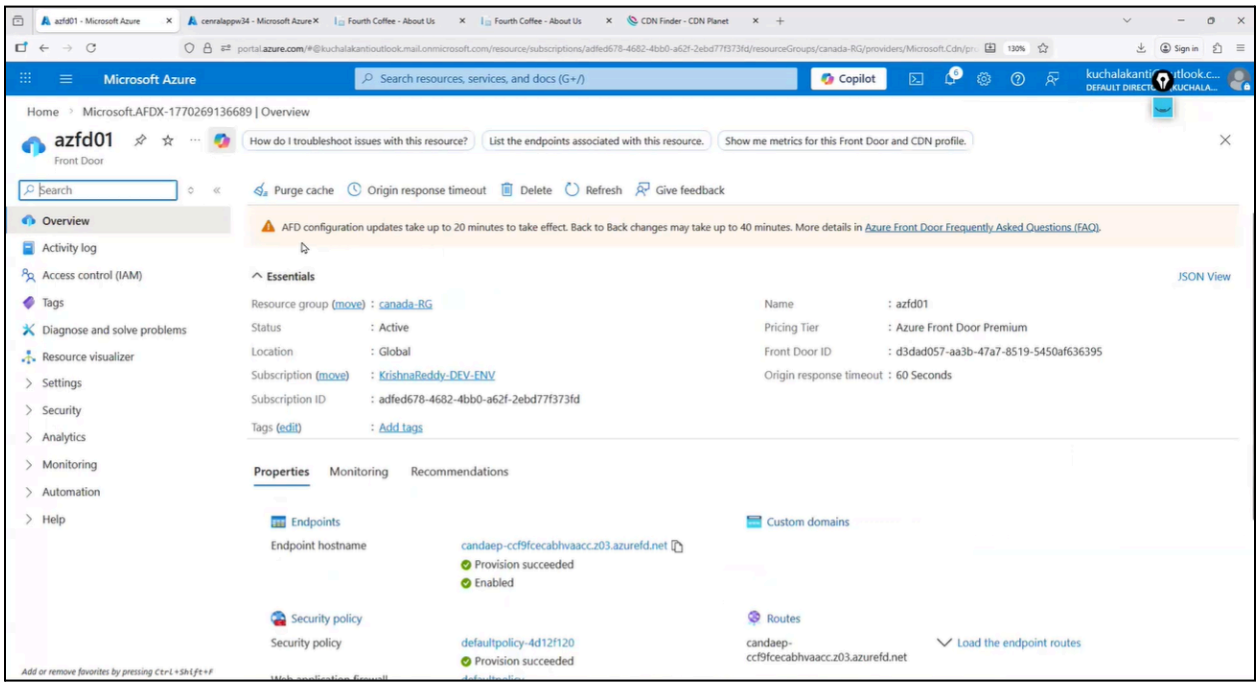


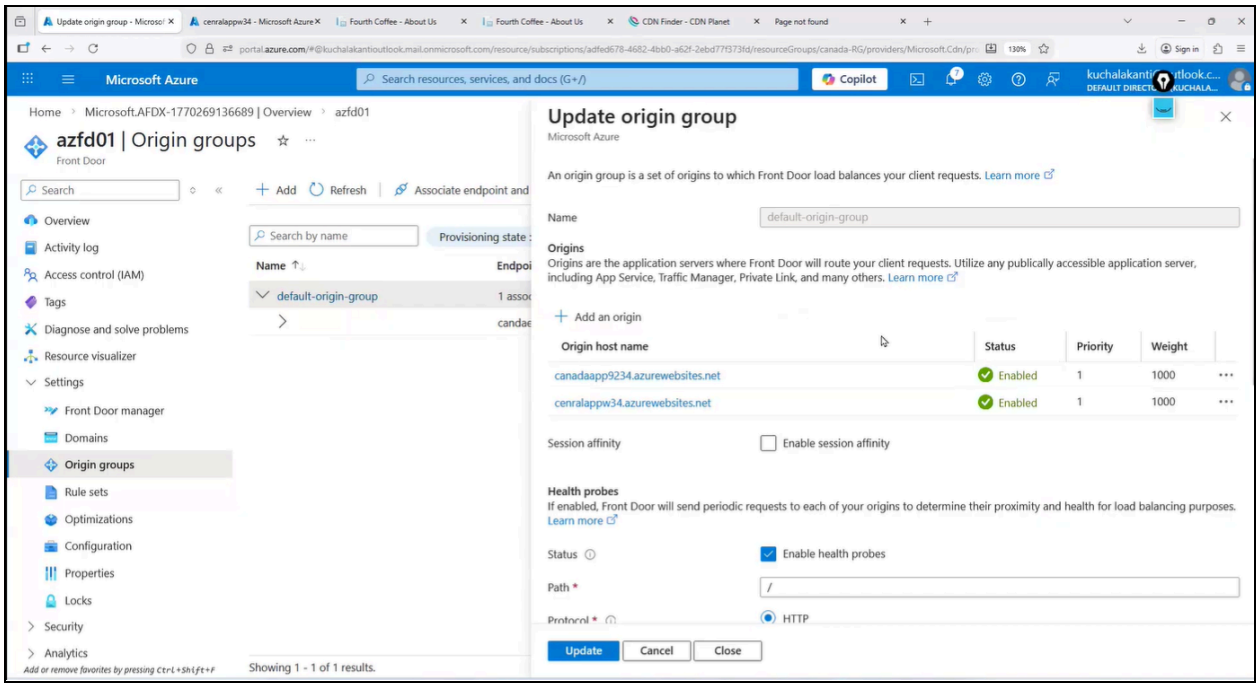
fig(6) the output when we browse the web app2.

→ Now let's create an azure front door and add these two webapps in the backend that are the endpoints of the front door.

→ and also configure the route rules in the front door.

→ give the path of the webapps to the front door since it also routes traffic based on the url path.





→ now let's create the web application firewall so that it controls the traffic similar to the nsg.

→ here instead of rules we write the policies if the policies are matched then the waf allows the traffic.