



Azure App Gateway & Front Door

examlabpractice.com



<https://t.me/learningnets>



What is the Azure Application Gateway?

- Azure Application Gateway is a web traffic load balancer that enables you to manage traffic to your web applications.
- Traditional load balancers operate at the transport layer (OSI layer 4 - TCP and UDP) and route traffic based on source IP address and port, to a destination IP address and port.
- Application Gateway can make routing decisions based on additional attributes of an HTTP request, for example URI path or host headers. For example, you can route traffic based on the incoming URL.



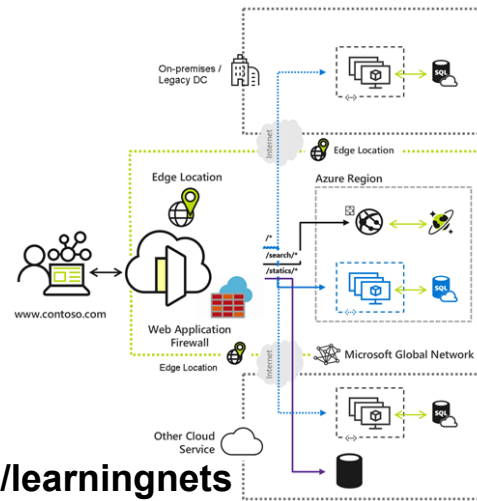
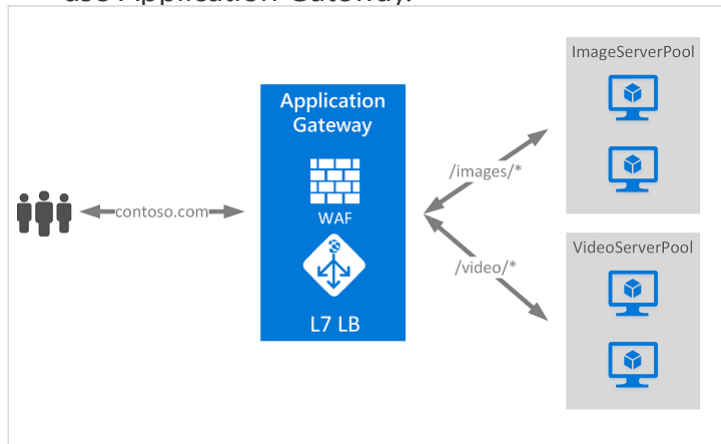
What is the Azure Front Door?

- Azure Front Door is Microsoft's modern cloud Content Delivery Network (CDN) that provides fast, reliable, and secure access between your users and your applications' static and dynamic web content across the globe.
- Azure Front Door delivers your content using the Microsoft's global edge network with hundreds of global and local POPs distributed around the world close to both your enterprise and consumer end users.

<https://t.me/learningnets>

What's the difference?

- While both Front Door and Application Gateway are layer 7 (HTTP/HTTPS) load balancers, the primary difference is that Front Door is a global service whereas Application Gateway is a regional service.
- Front Door can load balance between your different scale units/clusters across regions
- Application Gateways allows you to load balance between your VMs/containers etc. within the scale unit.
- Front Door can perform path-based load balancing only at the global level but if someone wants to load balance traffic even further within their virtual network (VNET) then they should use Application Gateway.



<https://t.me/learningnets>

