TRAFFIC MANAGER

- Azure Traffic Manager is a DNS-based traffic load balancer

- Traffic Manager is used to direct your customer traffic and distribute it across multiple Endpoint across region

- Endpoint might be VM, Load Balancer

- Traffic Manger perform health monitoring of endpoint and perform automatic failover when endpoint fails

There are 6 Routing Methods

- **Weighted:** - Client Traffic is load balanced across multiple endpoint, Higher number means more weight, more traffic on that endpoint and equal weight mean load balance

- **Performance:** - Client Traffic is sent to the lowest latency endpoint

- **Priority :-** Client Traffic is sent to Primary endpoint. If that fails, traffic is redirected to secondary endpoint (DR scenario)

- **Geographic :-** Client Traffic is sent to specific endpoint based on its geographic location

- **Multi value:-** Client will be given multiple healthy endpoint
Client can send traffic to any endpoint

- **Subnet:-** Client Traffic is sent to specific endpoint based on source Public IP Subnet

GLOBAL DNS

- In DNS we will create a CNAME and point to traffic manager URL

- CNAME → Point Name to Name

- A → Point Name to IP