AZURE 900 CLOUD FUNDAMENTALS

Microsoft Certification AZ-900: Azure Network Services

Controlled access

- Access via IP address and port

APPLICATION GATEWAY

- Web traffic load balancer

LOAD BALANCER

- Scale and provide high availability to applications and services
- Support inboud & outbound traffic
- Low latency & high throughput
- Transmission Control Protocol (TCP) & User Datagram Protocol (UDP)
- Internet traffic, internal traffic and virtual networks

Virtual Network Gateway

AZURE NETWORK SERVICES

Networking

- Resources can communicate with each other, the internet and on-premise networks

VIRTUAL PRIVATE NETWORK GATEWAY

- Send encrypted traffic between Azure Virtual Network and on premise location over the internet
- More secure connect from on-premise to Azure
- Data copy from on-premise to Azure does not incur additional cost
- Data copy from Azure to other location incurs additional costs

VIRTUAL NETWORK

- Resource communication

Scope

- Virtual network restricted to one region
- Multiple region network can be connected with network peering

Manage

- Isolate & segment networks
- Route and filter network traffic
- Configure through software

CONTENT DELIVERY NETWORK

- Network of servers to delivery web content to users
- Support local user region with low latency
- Cache content for better performance
- Delivery multimedia content, product lauch or high bandwitdh event to a local region