Topic: **AWS Fundamental**

November. 27 | HCM, VN

Introduce to AWS Networking

Bach Doan Vuong

Agenda

AWS Networking Concept

Virtualization of Networking Components

Scalability and Elasticity

Global Networking

AWS Networking Concept

AWS Networking Concept

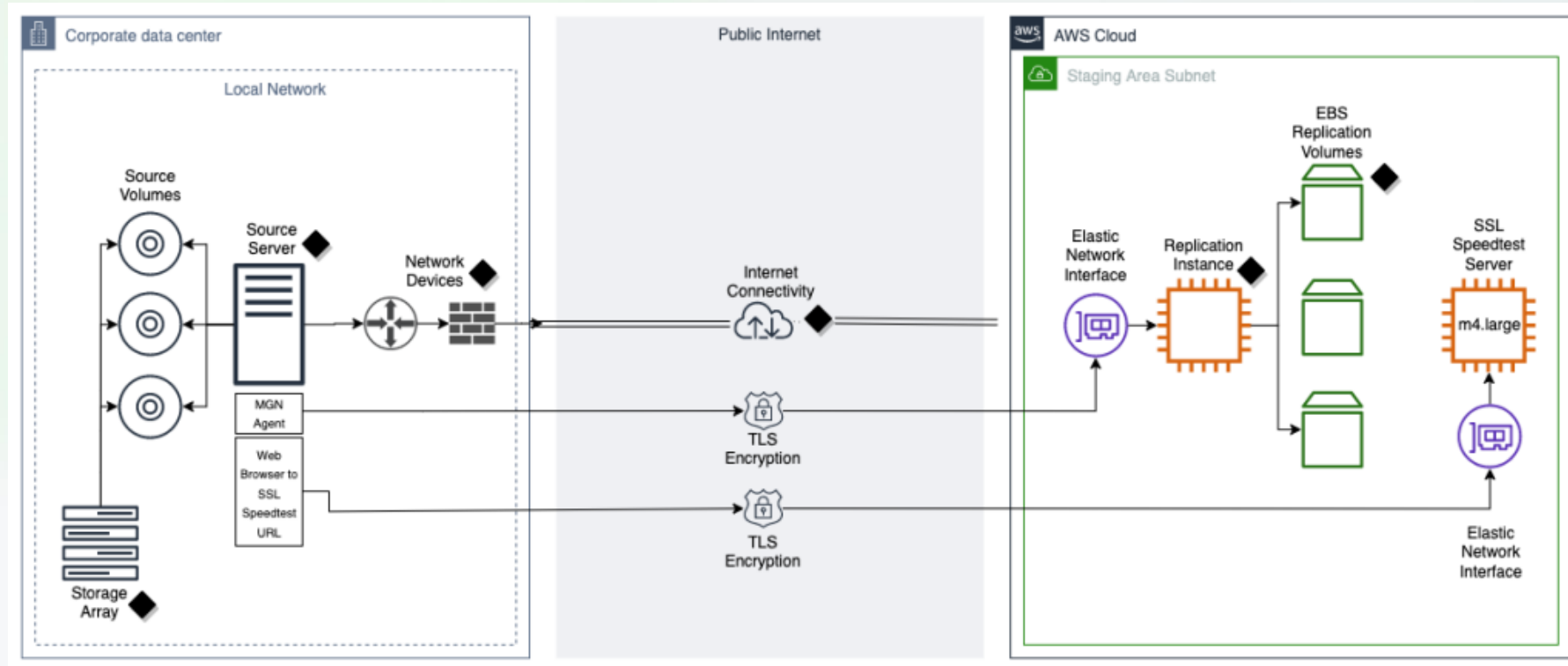- Virtualization of Networking Components
- Scalability and Elasticity
- Global Backbone Networking

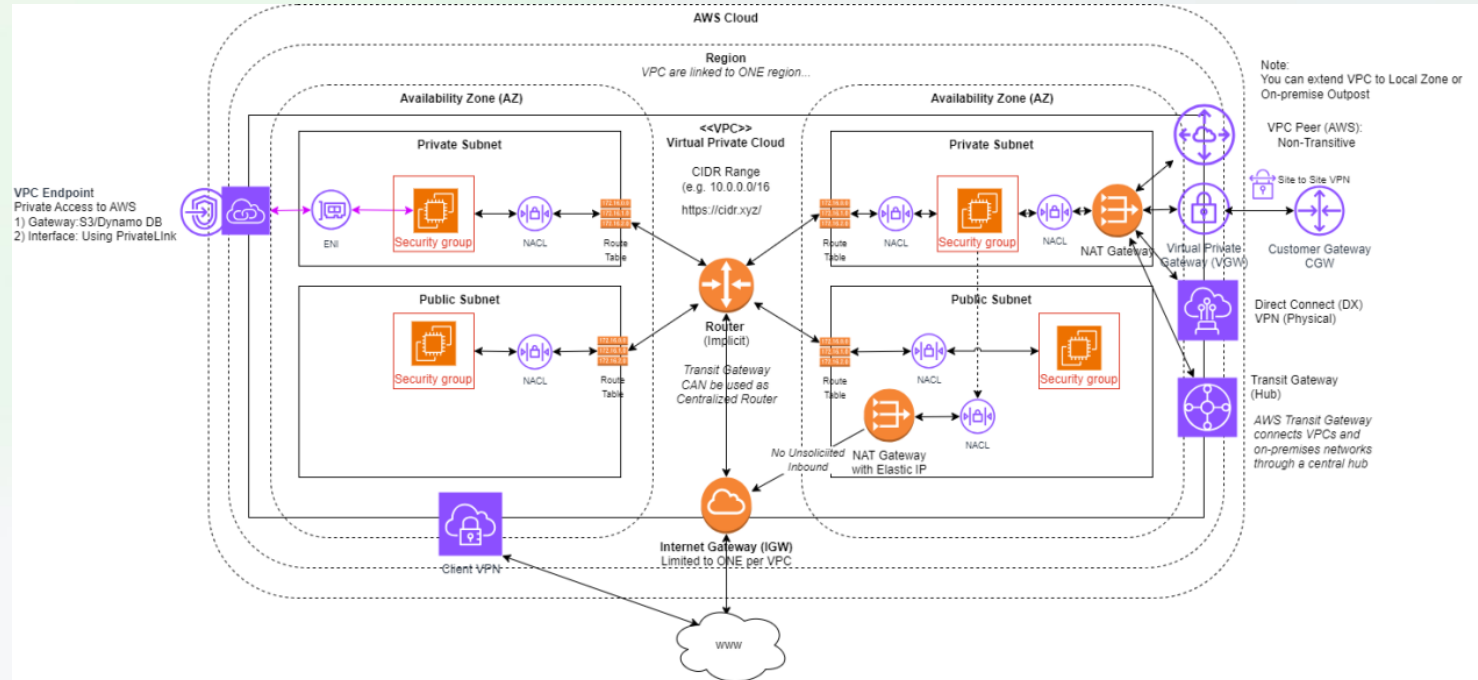# Virtualization of Networking Components

Virtualization of Networking Components

TRADITIONAL VS CLOUD NETWORKING COMPONENTS

Virtualization of Networking Components

CLOUD NETWORKING COMPONENTS IN DETAILS

Virtualization of Networking Components

AWS NETWORKING SERVICES

Direct Connect   CloudFront   Client VPN   Firewall Manager   WAF   Shield

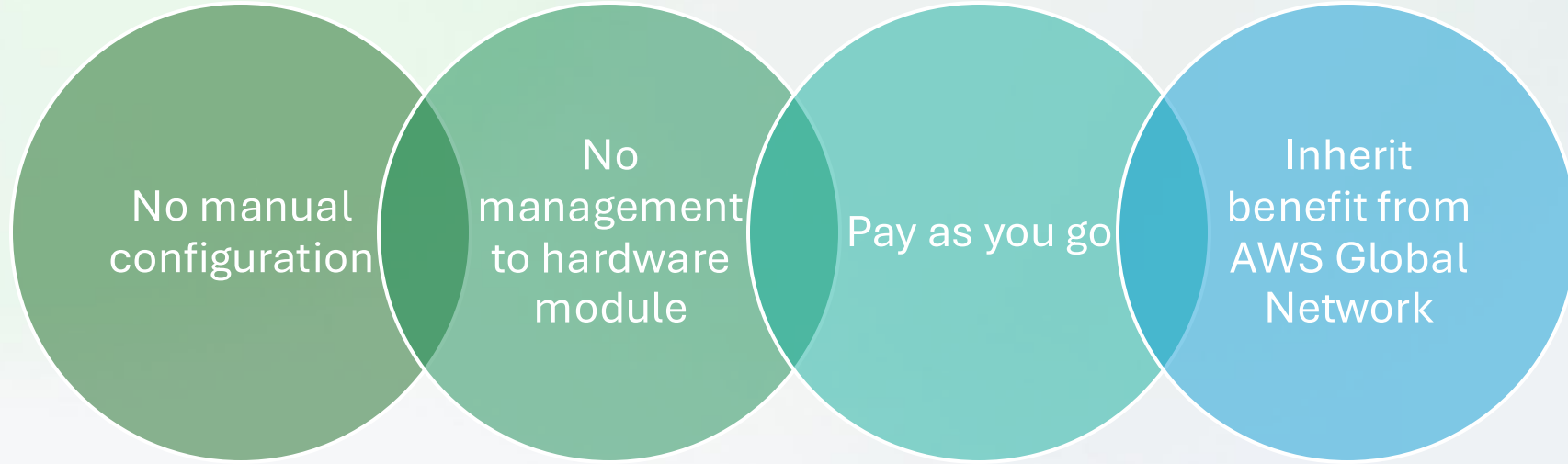Global Accelerator   Transit Gateway   ACM

VPC   Load Balancing

Scalability and Elasticity
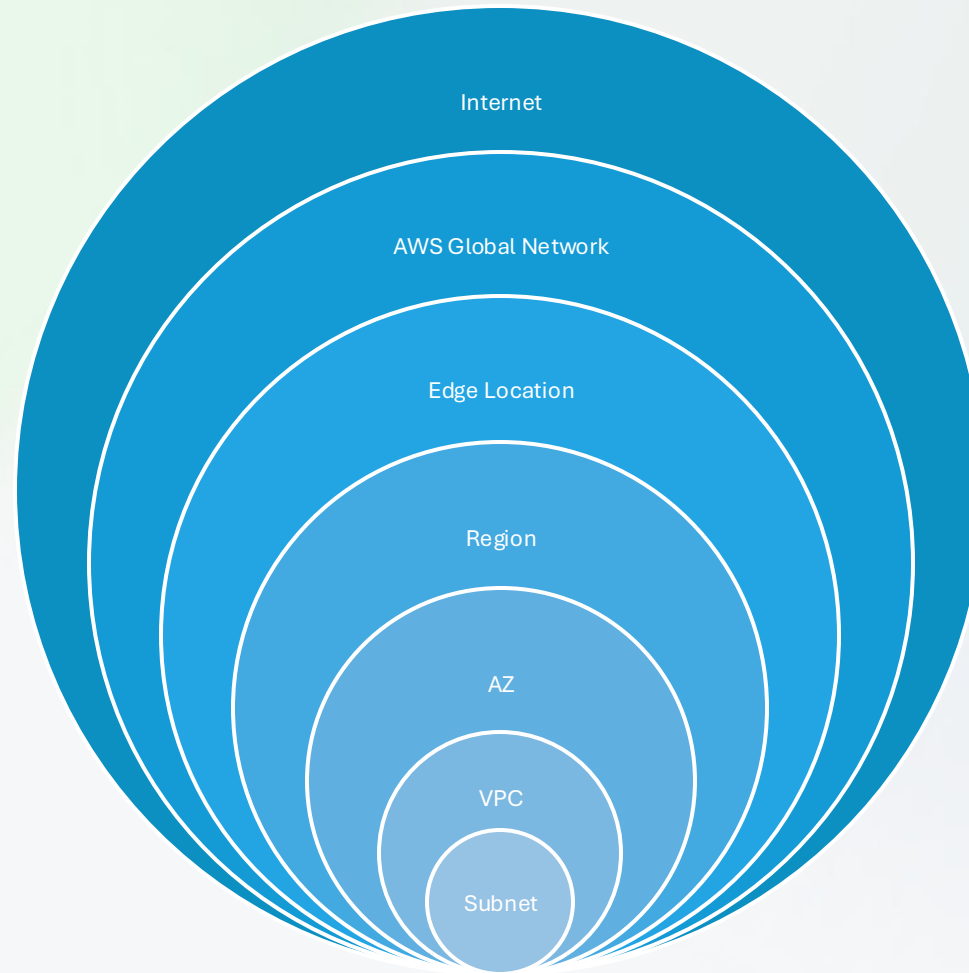
Scalability and Elasticity

No manual configuration

No management to hardware module

Pay as you go

Inherit benefit from AWS Global Network

Global Backbone Networking

Global Backbone Networking

AWS NETWORKING SERVICES

Internet

AWS Global Network

Edge Location

Region

AZ

VPC

Subnet

Global Backbone Networking

25 Regions with 80 Availability Zones
5 Local Zones and 13 Wavelength Zones
6 Regions and 12 Local Zones announced
230+ Edge Network Locations
108 AWS Direct Connect locations
Private network backbone between all AWS Regions, CloudFront PoPs. and Direct Connect locations
Redundant 100 Gbps links & encrypted network traffic

* Stats current as of Q2 2021

Thank you!

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