



# Bringing AWS to the Tactical Edge

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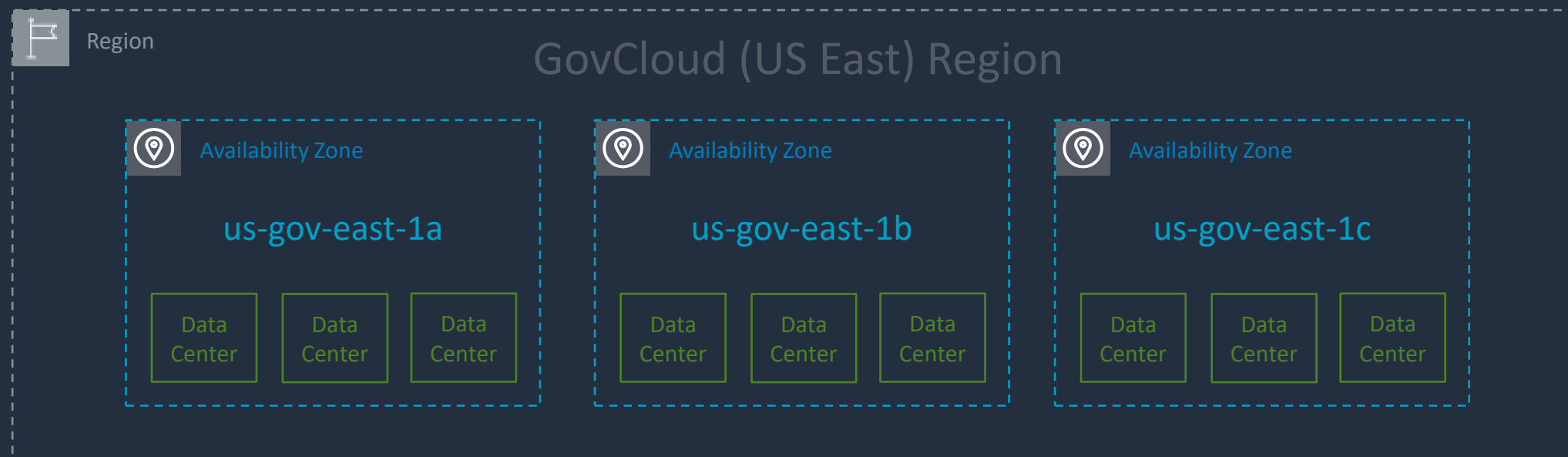
# AWS REGIONAL EXPANSION

- 24 Regions and 77 AZs
- 2 GovCloud Regions Today
- 6 New Regions and 18 more AZs announced

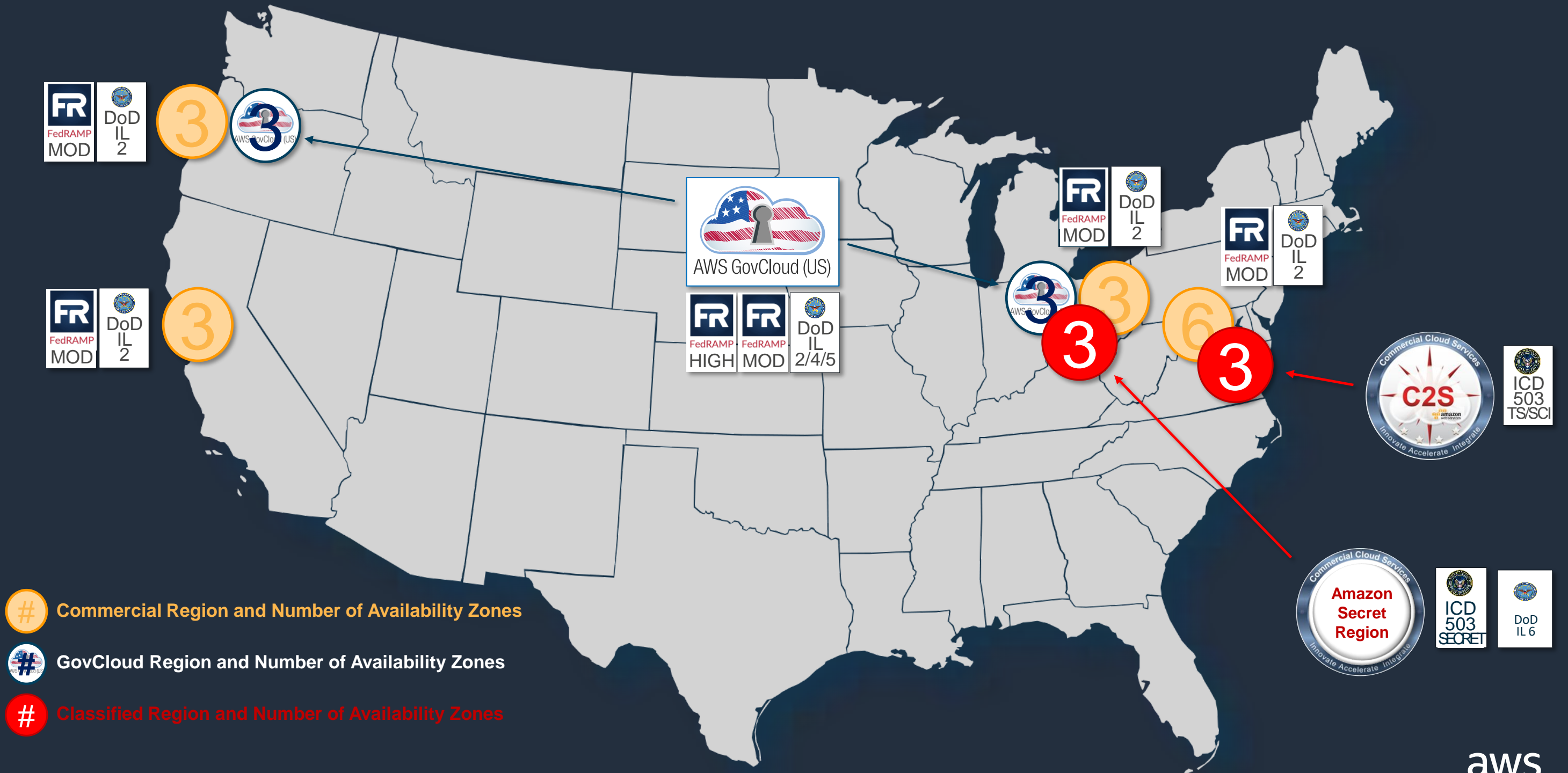


# Availability Zones

- A region is comprised of multiple Availability Zones (typically 3)
- Fully independent partitions on isolated fault lines, flood plains, and power grids
- Each AZ: redundant power and redundant dedicated network
- Each AZ: typically multiple data centers

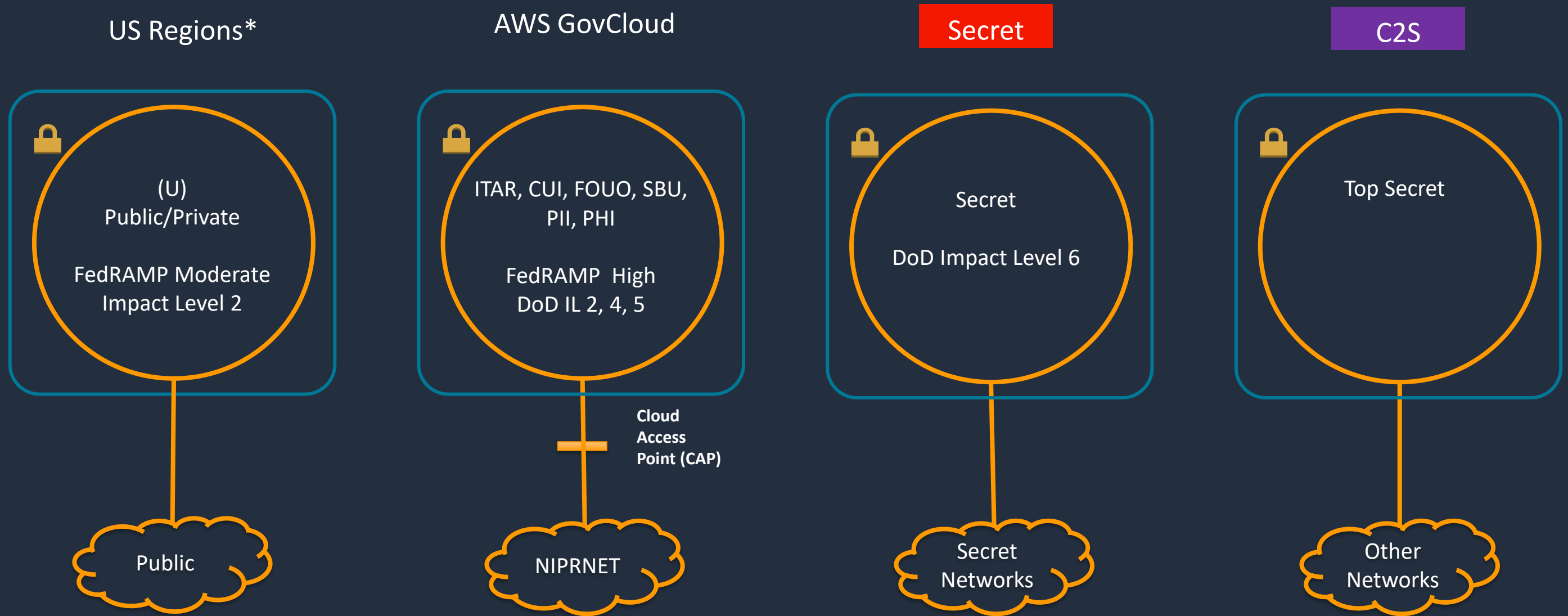


# US AWS Regions



- Commercial Region and Number of Availability Zones
- GovCloud Region and Number of Availability Zones
- Classified Region and Number of Availability Zones

# Infrastructure for All DoD Workloads

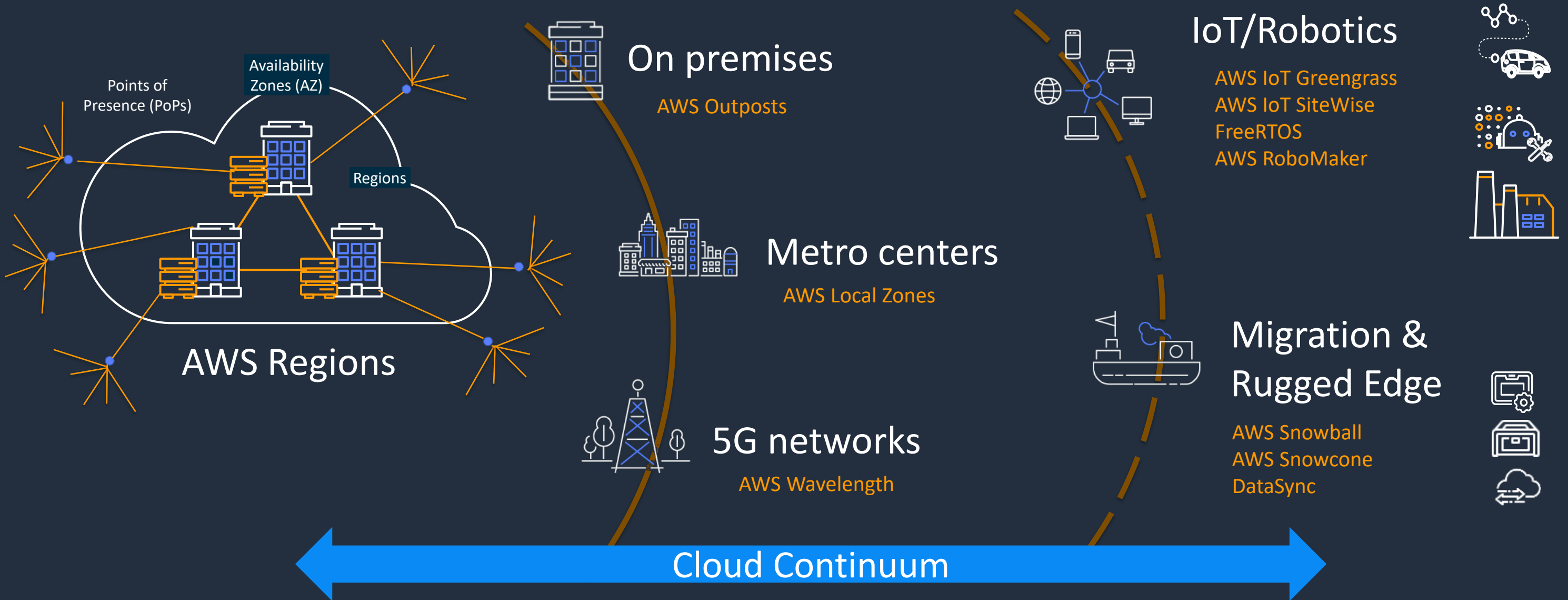


\* US Regions – CONUS (US-East/West)

# Edge to cloud continuum

For most cloud use cases

For low latency, local data processing, data residency



# AWS compute options at the edge

For non-traditional, rugged, austere, mobile environments



## AWS Snow Family

Compute and high volume data ingestion at the edge for disconnected scenarios

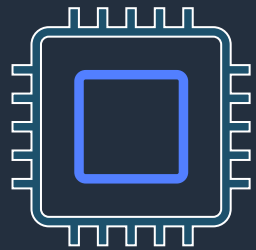
For fully connected, data center rack environments



## AWS Outposts

Cloud-based compute, storage, and database for connected scenarios

# Transform data closer to the source with AWS Snowball Edge



## SBE Compute Optimized

- 42 TB usable S3 storage
- 52 vCPUs, 208 GiB of memory, 7.68TB NVMe EBS
- Optional NVIDIA Tesla V100 GPU
- AWS sbe-c and sbe-g instances (equivalent to C5, M5a, G3, P3)



## SBE Storage Optimized

- 80 TB usable S3 storage
- AWS sbe1 instances (equivalent to C5)
- Up to 40 vCPUs, 80 GiB of memory, 1 TB SATA SSD EBS
- Object storage clustering support



**Thank you**