

Who am I ?

AWS HPC Specialist Solutions Architect

Based out of Paris

Previously:

HPC Services CTO @ATOS

HPC Support Mgr @Bull

And a few other stuffs

Enjoy moving **Snowballs** around Paris on a bicycle



AWS Global Infrastructure

21 Geographical Regions, 1 Local Region, 66 Availability Zones, 180 POPs

Region and Availability Zones (AZs)

GovCloud (US)

US-East (3), US-West (3)

US West

Oregon (4)

Northern California (3)

US East

N. Virginia (6), Ohio (3)

Canada

Central (2)

South America

São Paulo (3)

Future Announced Regions

Bahrain (3), Cape Town (3), Jakarta (3), Milan (3)

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Europe

Frankfurt (3)

Ireland (3)

London (3)

Paris (3)

Stockholm (3)

Asia Pacific

Singapore (3), Sydney (3),

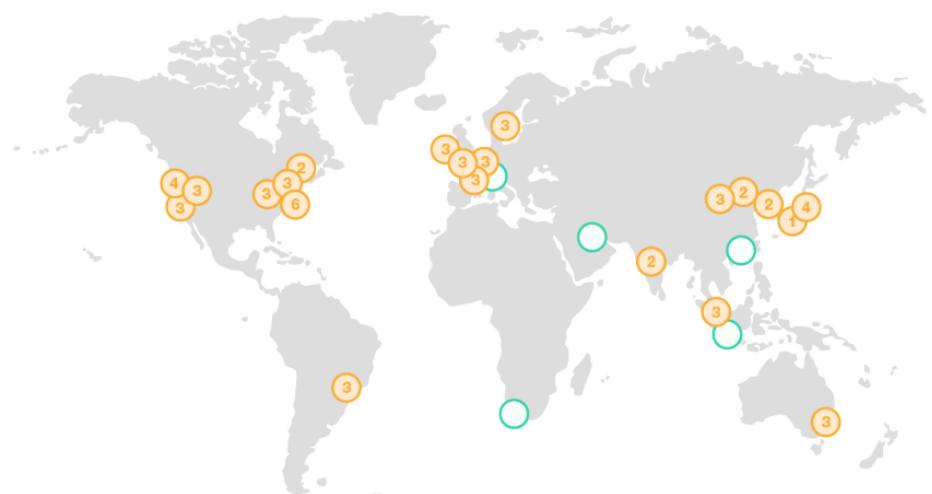
Tokyo (4), Osaka-Local (1)*

Seoul (3), Mumbai (3),

Hon Kong (3)

China

Beijing (2), Ningxia (3)

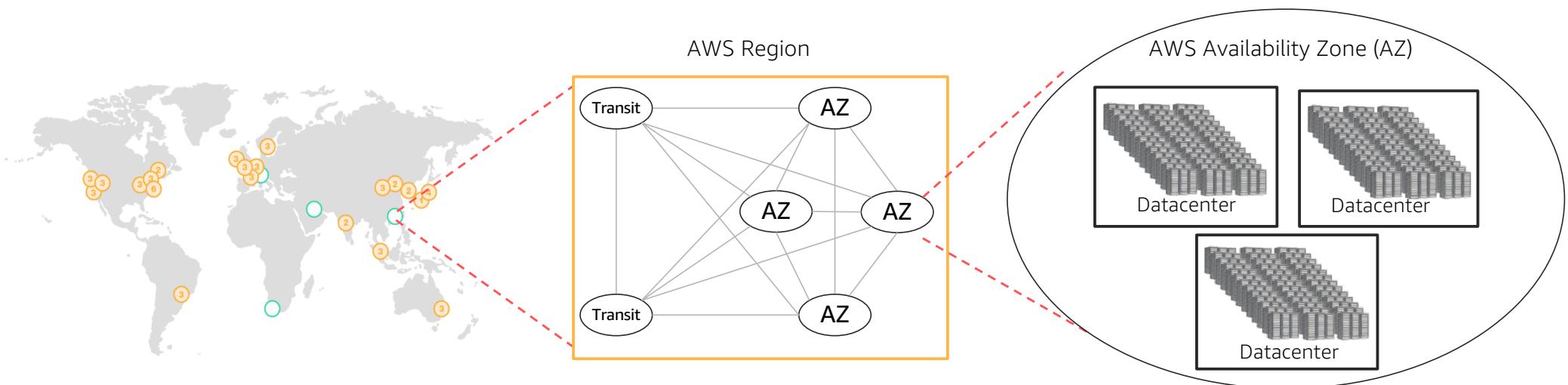


<https://www.infrastructure.aws/>

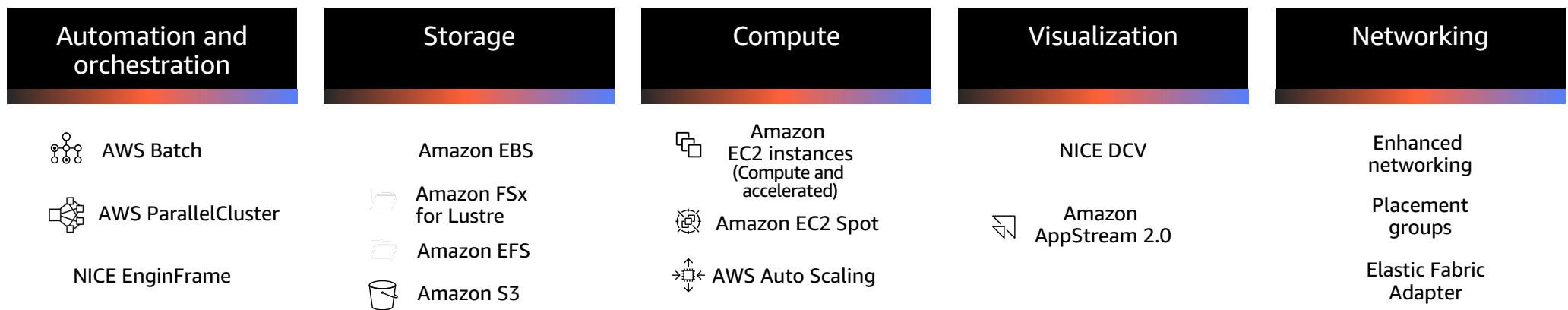


AWS Region Overview

AWS Regions are comprised of multiple AZs for high availability, high scalability, and high fault tolerance.
Applications and data are replicated in real time and consistent in the different AZs



HPC on AWS solution components



High Performance Computing (HPC) on AWS

On AWS, secure and well-optimized HPC clusters can be automatically created, operated, and torn down in just minutes

- Machine learning and analytics
- Amazon S3 and Amazon Glacier
- Third-party IP providers and collaborators

