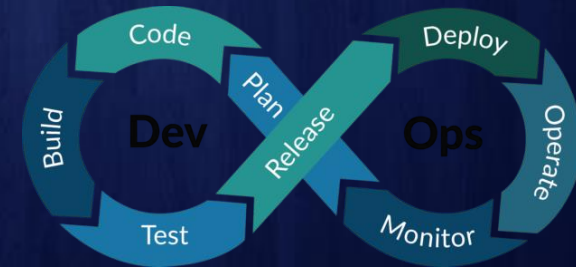


AWS SAA + SysOps + Developer + DevOps Course #Day-4

We will start at **8 AM**,
Stay tuned



RAKESH TANINKI

LEARN TO UNLEARN



Recap:

- Types of cloud computing
- AWS History
- Shared Responsibility Model
- Hands on – AWS Account creation
- Tour of AWS account and services
- Free tier account - discussion





Today's topics:

- **Hands on** - AWS Account Best Practices
- **Hands on** - AWS Budgets setup
- **AWS Global Infrastructure**
 - Regions
 - Availability Zones
- Different ways to connect to AWS



Best practices for root account

1. Setup MFA – hands on
2. Never share your root account password or access keys
3. Use strong password policy
4. Create users to perform tasks
5. Don't create access keys for the root user



Hands on: AWS root account best practices



Hands on: Setup Budget Alarm

AWS Global Infrastructure

The most secure, extensive, and reliable Global Cloud Infrastructure, for all your applications

Create an Account

31 Launched Regions

each with multiple Availability Zones (AZs)

99 Availability Zones

410+ Points of Presence

400+ Edge Locations and 13 Regional Edge Caches

AWS Global Infrastructure Map

The AWS Cloud spans 99 Availability Zones within 31 geographic regions around the world, with announced plans for 12 more Availability Zones and 4 more AWS Regions in Canada, Israel, New Zealand, and Thailand.

Ref: <https://aws.amazon.com/about-aws/global-infrastructure/?p=ngi&loc=1>

● Regions ● Coming soon



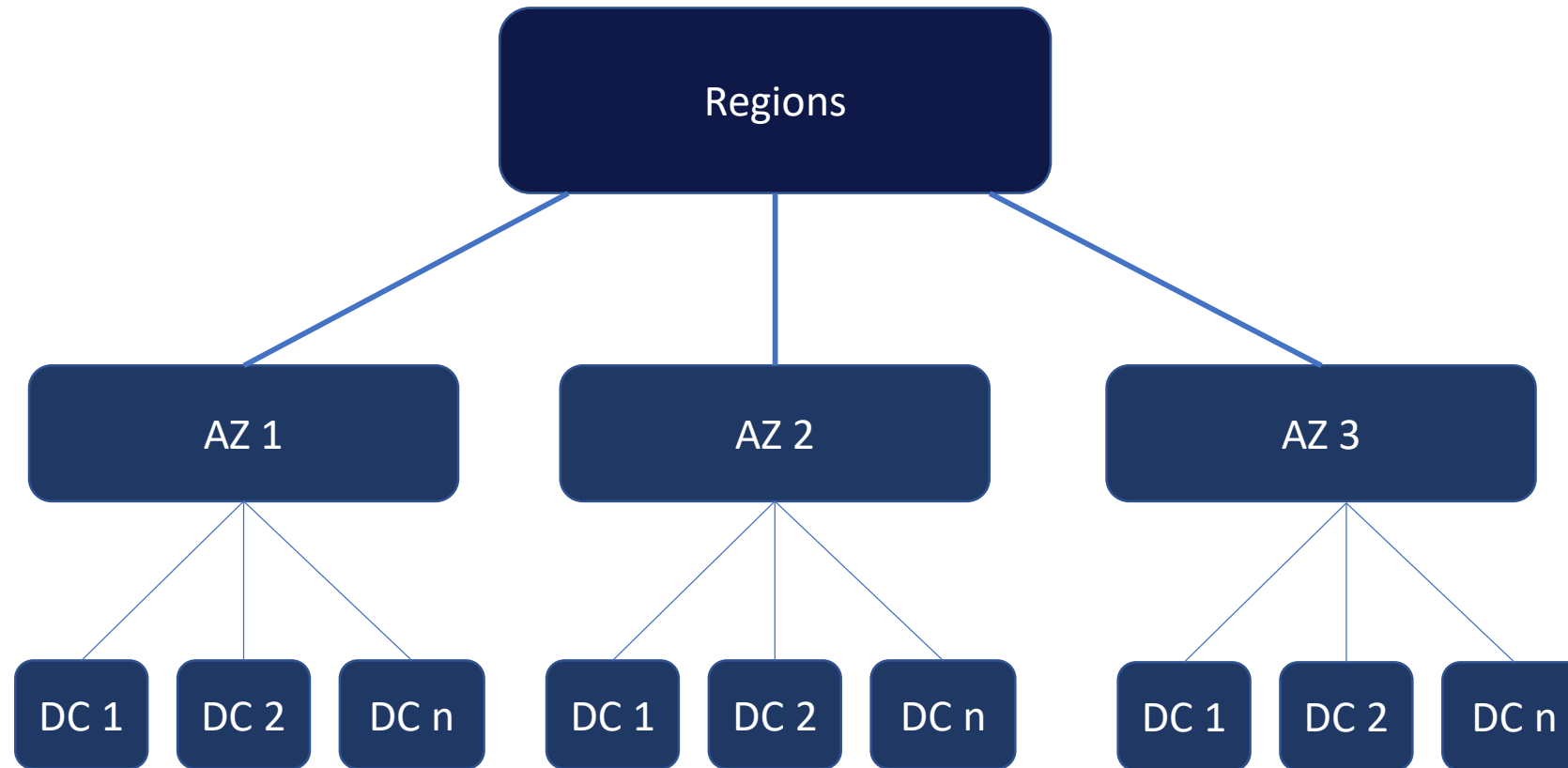
How to choose an AWS Region?



- **Compliance** with data governance and legal requirements: data never leaves a region without your explicit permission
- **Private regions:** US govt, China
- **Proximity** to customers: reduced latency
- **Available services** within a Region: new services and new features aren't available in every Region
- **Pricing:** pricing varies region to region and is transparent in the service pricing page

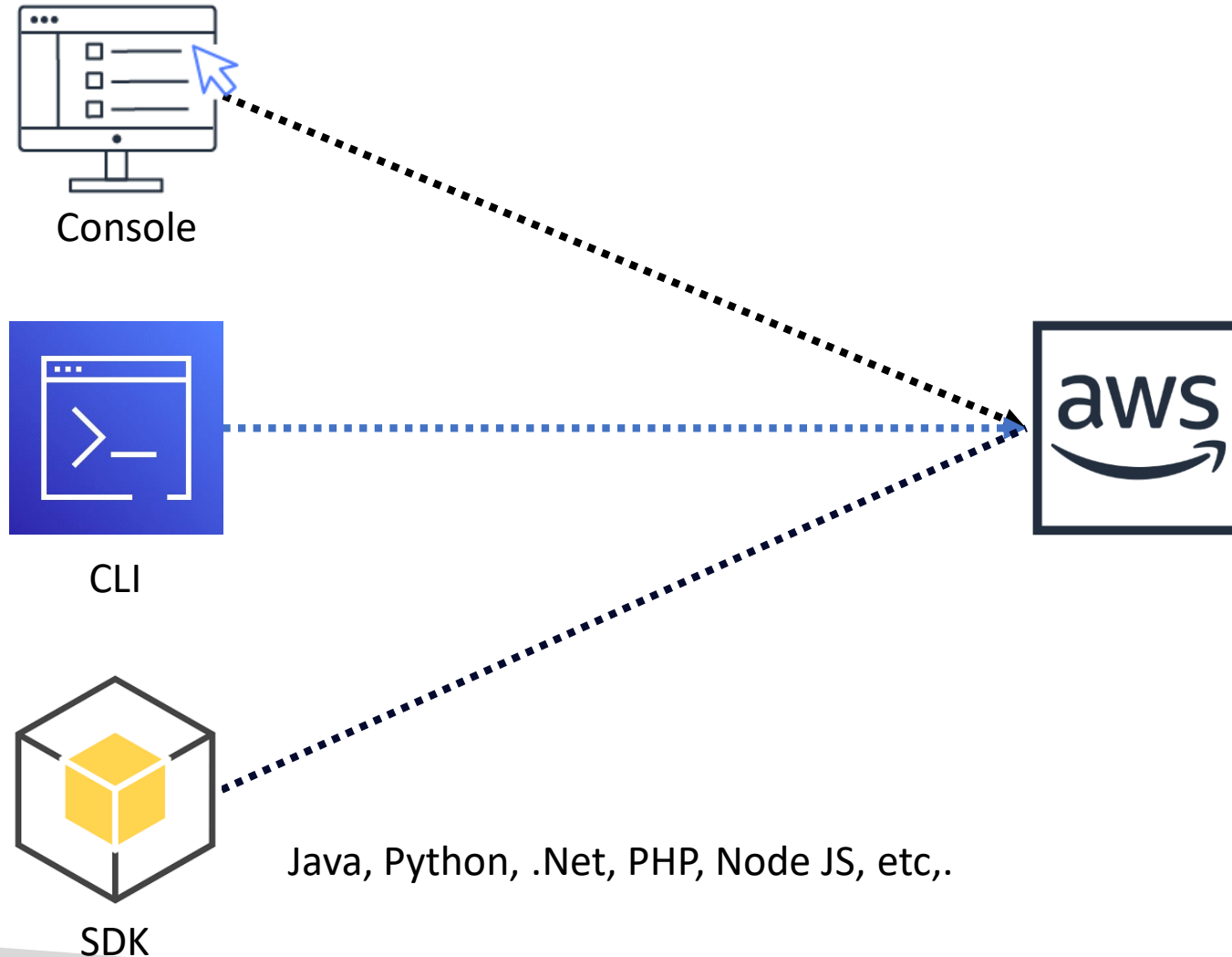


AWS Global Infrastructure:





Different ways to connect to AWS







Thank you, will meet in tomorrow's session