

❖ In aws konsi service global he? aur konsi service regional he?

- AWS ki services do categories mein aati hain: **Global Services** aur **Regional Services**.

Global Services:

Yeh services ek hi global scope pe kaam karti hain, aur unka infrastructure kisi ek specific region ke saath bind nahi hota. Example:

1. **Amazon CloudFront**: Yeh ek Content Delivery Network (CDN) service hai jo data ko worldwide deliver karti hai.
2. **AWS IAM (Identity and Access Management)**: User aur permissions ko manage karta hai across all regions.
3. **Route 53**: Domain Name System (DNS) aur domain registration service.
4. **AWS Organizations**: Multiple accounts ka management ek centralized control ke saath karta hai.
5. **AWS WAF & Shield**: Global web application firewall aur DDoS protection.

Regional Services:

Yeh services specific regions mein kaam karti hain, aur data aur resources ek specific region ke andar hi rehte hain. Example:

1. **Amazon EC2 (Elastic Compute Cloud)**: Virtual servers run karne ke liye.
2. **Amazon S3 (Simple Storage Service)**: Storage buckets region-specific hote hain.
3. **RDS (Relational Database Service)**: Database instances region-specific hote hain.
4. **AWS Lambda**: Serverless compute specific regions mein hoti hai.
5. **Amazon VPC (Virtual Private Cloud)**: Networking aur security regional hai.

Key Difference:

- **Global Services** ek hi bar configure hoti hain aur sabhi regions mein apply hoti hain.
- **Regional Services** ko har region ke liye alag se configure karna hota hai, aur unka scope limited hota hai us region tak.

Aapke kaam ke nature ke hisaab se aapko services ka selection karna hoga. **Global services** mein latency aur consistency pe focus hota hai, jabki **regional services** ka zyada focus data locality aur compliance pe hota hai.