

# AWS Cloud Practitioner Cheat Sheet

## Core AWS Services

- EC2 = Elastic Compute (Virtual Server)
- S3 = Store Store Store (Object Storage)
- EBS = Elastic Block Storage (For EC2)
- RDS = Relational Data Service (SQL DB)
- DynamoDB = Dynamic NoSQL Database
- Lambda = Serverless Functions
- CloudFront = Content Fast (CDN)
- VPC = Virtual Private Cloud (Network)

## Deployment & Management

- CloudFormation = Create Infra as Code
- Elastic Beanstalk = Easy Build & Deploy
- CloudWatch = Monitor Everything
- CloudTrail = Trace API Calls
- Trusted Advisor = Recommendations

## Security & Identity

- IAM = I AM the Admin (Users & Roles)
- KMS = Key Management System
- Shield = Protect against DDoS
- WAF = Web App Firewall
- Artifact = Audit & Compliance Docs

## Billing & Pricing

- Free Tier = Try for Free
- PAYG = Pay As You Go
- TCO Calculator = Compare Costs
- Budgets = Cost Alerts
- Cost Explorer = Visualize Spend

## Support Plans

- Basic = Free, Account Only
- Developer = Email Support
- Business = 24/7 + Trusted Advisor
- Enterprise = Full Coverage + TAM

## Global Infrastructure

- Region = Big Area (us-east-1)
- AZ = Always Available Zones
- Edge = Fast Access Points (CDN)

## Disaster Recovery

- Backup & Restore = Cheapest, Slow
- Pilot Light = Core Ready

- Warm Standby = Low Downtime
- Multi-site = Fastest, Costly

### **Other Concepts**

- Shared Responsibility = AWS (of), You (in)
- CAPEX vs OPEX = Buy vs PayGo
- IaaS = EC2, PaaS = Beanstalk, SaaS = Gmail