

# AWS Certified Cloud Practitioner (CLF-C02) Cheat Sheet

One-page cram sheet for cloud concepts, security, core AWS services, pricing, support, and high-yield comparisons.

<b>Best for</b> Last review before drills or exam day	<b>Focus</b> High-yield service purpose and exam decision patterns	<b>Use with</b> Use with the quick summary for rapid refresh
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## 1. Cloud concepts

<b>Value of cloud</b>	Think agility, elasticity, global reach, managed services, and faster experimentation.
<b>Shared responsibility</b>	AWS secures the cloud; customers secure what they run and configure in it.
<b>Cloud economics</b>	Shift from large upfront capital spending to variable usage-based cost patterns.
<b>Design basics</b>	High availability, elasticity, fault tolerance, and loose coupling are core ideas.

## 2. Security and compliance

<b>IAM</b>	Users, roles, policies, MFA, and least privilege are foundational.
<b>Root user</b>	Use it rarely and protect it with strong controls.
<b>Security services</b>	Know the purpose of CloudTrail, GuardDuty, Inspector, KMS, WAF, and Shield at a high level.
<b>Compliance mindset</b>	Shared responsibility, encryption, logging, and regional choices often support compliance answers.

## 3. Cloud technology and services

<b>Compute</b>	EC2, Lambda, ECS/EKS, and when serverless is the simpler choice.
<b>Storage</b>	S3, EBS, EFS, Glacier classes, and what each is good for.
<b>Networking</b>	VPC, subnets, route tables, security groups, NACLs, and load balancers.
<b>Database</b>	RDS, DynamoDB, Redshift, ElastiCache, and the main use-case differences.

## 4. Billing, pricing, and support

<b>Pricing models</b>	On-Demand, Reserved, Savings Plans, Spot, and what tradeoffs they imply.
<b>Cost tools</b>	Pricing Calculator, Cost Explorer, Budgets, and Trusted Advisor serve different decisions.
<b>Support plans</b>	Know the support plan ladder and when business/enterprise help matters.

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**Billing responsibility**

Tagging, cost allocation, and visibility are part of good cloud operations.

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**5. Practical exam mindset**

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**Pick simplest fit**

CLF-C02 often rewards the clearest managed-service answer, not the most complex architecture.

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**Service purpose first**

Know what a service is for before trying to memorize every feature.

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**Security by default**

Least privilege, encryption, and logging are strong defaults.

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**Cost-awareness**

Many wrong answers fail because they ignore operational or cost fit.

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