

Free Resources

Website - <https://www.awslogi.com/aws-certified-cloud-practitioner-p2/>

Video - <https://www.youtube.com/watch?v=NhDYbskXRgc>

Video - 17 hrs:AWS CCP Training Course CLF-C02{link}

Website - <https://www.certlibrary.com/exam/AWS%20Certified%20Cloud%20Practitioner>

Library Books on Cloud Computing Concepts

Youtube

linuxjourney.com

<https://www.freecodecamp.org/>

<https://workshops.aws/>

https://www.aws.training/LearningLibrary?query=certified%20practitioner&filters=Language%3A1&from=0&size=15&sort=_score

Not sure where to Start?

Take a look at the possible routes below. Try making your own!

Get a Baseline- Start by taking a practice test before doing any studying to see where you are at. Then, based on the result from your practice exam, start studying foreign concepts.

Hands on Learning - Start by visiting aws workshops and start a lab and learn along the way. take notes and refer back to the exam criteria to make sure you are on track.

Study Buddy - Work with a friend to set up regular sessions to study for the exam and quiz each other on what you learned throughout the week. Compile your notes together for an interactive study experience

Q&A - Browse any of the free resources and start to take written notes. Once you complete your notes, come up with your own exam questions. Come back to them later and see if you know the answer or share with a friend

Acronyms

| | | | | | | |
|------|-------|------|------|----------------|------|------|
| ACL | CDN | ECS | HVM | OLA | RAID | SLR |
| ABAC | CG | EFA | IAM | OLTP | RDS | SNI |
| ACM | CIDR | EIP | IFS | OSI | RPO | SNS |
| AMI | CMK | ELB | IKE | PaaS/SaaS/IaaS | RRS | SQS |
| AMZN | CRR | EMR | IOPS | PhD | RTO | WSFC |
| API | DDoS | ENA | J2EE | PIOPS | SAM | STS |
| ASG | DNS | ENI | JSON | PKE | SAML | TAM |
| ASN | EBS | FPS | KMS | PKI | SAN | TCO |
| AWS | EC2 | HIDS | MFA | PV | SET | VIF |
| AZ | ECR | HSM | NAT | QLDB | SES | VPC |
| WAF | VPS | VPS | SIA | SHD | SG | VPD |
| SSH | HTTPS | HTTP | KP | SIP | SID | VLAN |

<https://quizlet.com/143906977/aws-acronyms-flash-cards/>

Paid Resources

<https://www.testpreptraining.com/aws-certified-cloud-practitioner-free-practice-test>

<https://www.allfreedumps.com/AWS-Certified-Cloud-Practitioner-dumps/amazon.passguide.aws-certified-cloud-practitioner.exam.prep.2023-feb-07.by.robin.211q.vce.pdf.html>

<https://www.udemy.com/course/aws-certified-cloud-practitioner-new/?couponCode=ST8MT220425G3>

<https://www.pluralsight.com/courses/aws-cloud-practitioner-exam-prep> (but has free trial)

Some of the above websites have free trials available

Video recs

<https://www.youtube.com/watch?v=MMiayVfxG6I>

<https://www.youtube.com/watch?v=gB00e15sUqc>

<https://www.youtube.com/watch?v=Uq5w1lnKzlk>

Practice Tests

<https://www.awslagi.com/aws-certified-cloud-practitioner-p2/>

<https://www.testpreptraining.com/>

<https://www.whizlabs.com/blog/aws-cloud-practitioner-certification-questions/>

<https://www.certlibrary.com/exam/AWS%20Certified%20Cloud%20Practitioner%20CLF-C02>

<https://www.youtube.com/watch?v=bVUkofgOMcA>

<https://bit.ly/3B0BiaJ> (Quizlet)

Content Outline

This CLF-C02 cheat sheet is short and not all inclusive for the content on the exam.

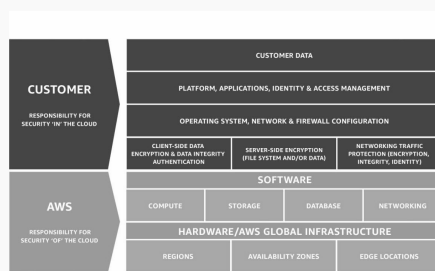
However, additional context for each task statement is available to help you prepare for the exam.

The exam has the following content domains and weightings:

- Domain 1: Cloud Concepts (24% of scored content)
- Domain 2: Security and Compliance (30% of scored content)
- Domain 3: Cloud Technology and Services (34% of scored content)
- Domain 4: Billing, Pricing, and Support (12% of scored content)

The most up to date info regarding this exam can be found at https://d1.awsstatic.com/training-and-certification/docs-cloud-practitioner/AWS-Certified-Cloud-Practitioner_Exam-Guide.pdf

Shared Responsibility Model



AWS Website: Shared Responsibility Model

AWS handles the hardware and software, but it is up to the consumer to maintain that software and secure the environment.

Related Vocab Words: Elasticity, Scalability, Availability, Reliability, Security, Agility



By **sokoctopus** (sokoctopus)

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Notes: Domain 1.1-1.3

- AWS allows for sufficient compute, memory, network, and storage resources. Global infrastructure is also efficient
- Lots of redundancy so that if one part fails, there is always a failover
- Allocation of resources is automated via the metered pay model
- CapEx (Capital Expenses) relates to on-prem solutions and hardware. Cloud solutions do not have any CapEx.
- Server virtualization. VMs are created and access storage/computing resources from the host server. Virtualization offers two main benefits: Speed/Efficiency
- located in a physical server: Compute to Storage to Hypervisor (VM Admin Software) to the virtual machine. Storage is attached to it
- On prem, IaaS, PaaS, SaaS
- Serverless workloads allow for users to run on cloud servers. Provided by AWS Lambda services, makes code that is REACTIONARY.
- Scalability allows apps to grow automatically based on organizational needs
- Elasticity matches compute power w/ rising and falling demand. Ex: AWS Auto Scaling. Will operate within its limits

Chapter 2 Notes: Domain 4.1-4.3

- Free Tier** Can run for up to 750 hrs per month using a t2.micro EC2 instance. Can be used to run light relational database workloads with Amazon Relational Database Services (RDS). Can store up to 5GB in S3 buckets. Lasts for 12 months. Two ways to monitor user: email alerts and tracking tool at bottom of billing dashboard. PUT and GET requests in S3 buckets have limits
- 12 month free: 30GB of magnetic or SSD from EBS, 500MB free storage with ECR, 1 TB of outbound data, 1 million API calls on API Gateway
- Permanently Free: 10 monitoring metrics/alerts on Amazon CloudWatch, 62000 outbound emails/month w/ SES, 3.2 million seconds of compute time, one million requests w/ Lambda
- Budgeting** Rates change with how much storage is needed, pricing varies by regions. For EC2, you can choose between pricing types (on-demand, spot, savings, reserve instances, dedicated host pricing)
- Can use AWS pricing calculator for estimating cost. 2 main benefits: pricing is real time and can visualize the impacts of each element fiscally
- Can utilize the billing dashboard, can create one of three budget types: Usage Budgets, cost budgets, reservation instance or coverage budget, or savings plan coverage
- Other tools: Cost explorer (visualizes account's historical usage), Cost/usage reports (show full range of activity), Cost allocation tags (resource tags, cost allocation tags), and AWS Organizations (centralizes admin of multiple AWS accounts for allocation)
- Service Limits** Can only launch 20 reserved instances within EC2 each month so all classes of resources are reliable. Limits are adjustable

Resource requests can be refused.

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Chapter 3 Notes; Domains 2.4, 3.8, 4.3

| | |
|---|--|
| 4 Levels of Support Plans | Basic - free plan |
| | Developer - starts at \$29, includes Core TA checks, 8am-6pm local time web access, general guidance within 24 business hours, system impaired help within 12 business hours |
| | Business - starts at \$100, general guidance within 24 business hours, 24/7 web chat/phone engineer access, prod sys down help within 1 hr, all TA checks. Can also have IEM for more \$\$ |
| | Enterprise - starts at \$15k/month. general guidance within 24 business hours, 24/7 web chat/phone engineer access, prod sys down help within 1 hr, all TA checks, Business crit sys down help in 15 mins. A technical account manager (TAM) is a guide/advocate for your account. |
| | AWS Partner Network (APN) - Professional Services Team |
| Documentation | SDKs are available. Helps users to look into strategies, guides, and more |
| | Knowledge Center - FAQ page sorted by service. Discussion forums are also available re:Post |
| Trusted Advisor (ONLY AVAILABLE FOR BUSINESS OR ENTERPRISE SUBSCRIBERS) | visually confirms if account resource configs are compliant/safe w/ best practice. Alerts across 5 categories: Cost Optimization, Performance, Security, Fault Tolerance, and Service Limits |
| | Basic Support and Dev have service limits w/ some security info, whereas Business and enterprise get all alerts |

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