

DOP-C02 Quick Summary

Fast 3-5 minute refresh of the AWS DevOps Engineer Professional exam core ideas.

BEST FOR	FOCUS	USE WITH
Rapid memory refresh right before practice	Service contrasts, deployment logic, and ops signals	Cheat Sheet + Pricing & Governance

<h3>1. Know these control planes</h3> <p>Pipeline - Orchestrates delivery stages. CloudFormation - Defines infrastructure as code. Systems Manager - Automates fleet operations. CloudWatch - Observes metrics, logs, and alarms. IAM/KMS - Guard access and cryptography.</p>	<h3>2. Common exam contrasts</h3> <p>CodeBuild vs CodeDeploy - Build/package versus deploy to targets. Parameter Store vs Secrets Manager - General config versus sensitive secret lifecycle/rotation. CloudWatch vs CloudTrail - Operational telemetry versus API audit history. ECS vs EKS - AWS-native container orchestration versus Kubernetes control model.</p>
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<h3>3. Fast decision rules</h3> <p>Need immutable infra - Prefer CloudFormation plus approved templates. Need safe deploys - Use blue/green or canary with health checks. Need fast incident context - Correlate logs, metrics, and traces. Need compliance evidence - Use Config, CloudTrail, and centralized logs.</p>	<h3>4. Last-minute reminders</h3> <p>Automate rollbacks - Do not rely on manual reaction for common failures. Separate accounts - Isolate dev, test, and prod for governance and safety. Treat pipelines as critical systems - They need least privilege, logging, and approvals. Optimize alarms - Page on impact, not every noisy metric.</p>
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