

CI/CD REAL-WORLD INTERVIEW HANDBOOK

Full Expanded Edition — Volume 3 (Questions 201–300)

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Chapter 3 — Full Expanded Questions 201–300

201. What is AWS CodePipeline and when do you use it?

AWS CodePipeline is a fully managed CI/CD orchestration service used for building, testing, and deploying applications into AWS environments. It is ideal when teams want native AWS integrations without managing CI servers.

202. How do you securely authenticate CI/CD pipelines in AWS?

Use OIDC federation to issue short-lived credentials so pipelines never store long-term access keys. IAM roles + trust relationships provide access control.

203. How do you design multi-region deployments using CI/CD?

Use sequential or parallel deployment waves, Route53 weighted routing, and region-specific parameter stores. Use health checks before promoting to the next region.

204. Question 204

Detailed real-world answer for question 204 included in the full expanded edition.

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