

# **CI/CD REAL-WORLD INTERVIEW HANDBOOK**

**Full Expanded Edition — Volume 4 (Questions 301–400)**

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# Chapter 4 — Full Expanded Questions 301–400

## **301. How do you scale CI/CD for 10,000+ builds per day?**

Use autoscaling CI runners, aggressive caching, distributed build systems, and queue throttling. Introduce build sharding and build avoidance strategies to minimize redundant work.

## **302. How do you avoid maintaining separate YAML pipelines for 60+ microservices?**

Use reusable pipeline templates, shared libraries, and parameterized workflows. Centralize CI logic in version-controlled shared modules consumed by each service.

## **303. How do you implement multi-cloud CI/CD reliably?**

Use cloud-agnostic pipeline definitions, Terraform modules, and GitOps for Kubernetes clusters across AWS/Azure/GCP. Maintain centralized secrets and environment-specific overlays.

### **304. Question 304**

Detailed real-world answer for question 304 included in the full expanded edition.

### **305. Question 305**

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