

Linux Foundation CNPA

Certified Cloud Native Platform Engineering Associate

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Latest Version: 6.0

Question: 1

What does the "Lead Time for Changes" metric measure in DORA?
Response:

- A. Time between a system crash and its resolution
- B. Time taken to compile an application
- C. Time from code commit to production deployment
- D. Time between daily stand-ups

Answer: C

Question: 2

How are CRDs typically used in platform engineering?
Response:

- A. To expose non-Kubernetes APIs
- B. To define custom application and infrastructure resources
- C. To modify RBAC roles
- D. To patch the kubelet

Answer: B

Question: 3

What are key characteristics of a well-architected cloud-native platform?
(Select TWO)
Response:

- A. Centralized developer onboarding
- B. High coupling of services
- C. Scalable and observable infrastructure
- D. Manual change management

Answer: A,C

Question: 4

What tool is commonly used to manage alerts and on-call rotations in platform engineering?

Response:

- A. Jenkins
- B. Grafana
- C. PagerDuty
- D. Terraform

Answer: C

Question: 5

Which components should be secured to protect a Kubernetes cluster?

(Select TWO)

Response:

- A. kube-apiserver
- B. kubelet
- C. Prometheus
- D. Grafana dashboard theme

Answer: A,B

Question: 6

Which applications are ideal candidates for operator-based automation?

(Select TWO)

Response:

- A. Stateful databases
- B. Stateless single-container apps
- C. Applications with complex upgrade logic
- D. CronJobs

Answer: A,C

Question: 7

How is AI/ML typically applied in platform automation?

Response:

- A. Disabling automated scaling
- B. Predictive scaling and anomaly detection
- C. Logging security events manually
- D. Replacing all CI/CD pipelines

Answer: B

Question: 8

What are best practices for managing multiple application environments using GitOps?

(Select TWO)

Response:

- A. Use separate Git branches or folders
- B. Store credentials in YAML files
- C. Isolate configurations per environment
- D. Avoid audit trails

Answer: A,C

Question: 9

What is the primary characteristic of declarative resource management in Kubernetes?

Response:

- A. The system reverts changes immediately
- B. The system describes the desired state and continuously reconciles it
- C. The administrator must manually apply every change
- D. Changes are irreversible once applied

Answer: B

Question: 10

What tools are commonly used to collect or view observability data in cloud-native platforms?

(Select TWO)

Response:

- A. Prometheus

- B. Grafana
- C. Jenkins
- D. SSH

Answer: A,B

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