

## Reference – Shown-as-Correct Answers

### Q1

Answer presented as correct: D) Amazon ECS

*Reason: Provides container management similar to serverless computing environments for event-driven scenarios.*

### Q2

Answer presented as correct: D) Grafana

*Reason: Critical for visualizing the infrastructure components and monitoring system performance effectively.*

### Q3

Answer presented as correct: A) Achieve zero downtime by running two identical production environments■(

*Reason: Ensures seamless transition between the active and passive deployment phases.*

### Q4

Answer presented as correct: A) Manages container images■(

*Reason: Facilitates the deployment of containerized applications with streamlined resource management.*

### Q5

Answer presented as correct: B) Compiled output packaged for deployment■(

*Reason: An artifact represents the final deliverable, ensuring consistency across environments for deployment purposes.*

### Q6

Answer presented as correct: C) Increasing replication factor arbitrarily■(

*Reason: Increasing replication factor ensures high availability for critical applications.*

### Q7

Answer presented as correct: D) Access control■2

*Reason: Prometheus is vital for regulating user permissions and authorizations within the system.*