Linux Foundation

ICA
Istio Certified Associate Certification Exam

For More Information – Visit link below:

https://www.examsboost.com/

Product Version

✓ Up to Date products, reliable and verified.
✓ Questions and Answers in PDF Format.

Latest Version: 6.0

Question: 1

How can a VirtualService be used in conjunction with a Gateway in Istio?
Response:

A. To redirect traffic to external services
B. To define detailed routing rules for traffic entering through a Gateway
C. To balance traffic load among internal services
D. To encrypt data passing through the Gateway

Answer: B

Question: 2

Which Istio feature allows you to control traffic flow between services within the mesh?
Response:

A. ServiceEntry
B. VirtualService
C. DestinationRule
D. Gateway

Answer: B

Question: 3

In Istio, how does a DestinationRule enhance the functionality of a VirtualService?
Response:

A. By adding security protocols
B. By enabling service discovery
C. By providing detailed routing decisions
D. By defining policies applied to traffic after routing by VirtualService

Answer: D

Question: 4

What feature of Istio can be used to simulate network failures?
Response:

A. Traffic mirroring
B. Sidecar injection
C. Fault injection
D. Circuit breakers

Answer: C

Question: 5

For managing Istio component settings, the use of overlays is recommended because:
Response:

A. It simplifies the update process
B. It avoids direct changes to the Kubernetes API
C. It does not require restarting Istio services
D. All of the above

Answer: D

Question: 6

When applying fault injection in Istio, what is crucial to consider for maintaining service quality?
Response:

A. The location of the service nodes
B. The volume of network traffic
C. The scope and impact of the faults injected
D. The speed of service deployment

Answer: C

Question: 7

Which type of fault injection is used to simulate a service crash in Istio?
Response:

A. Traffic mirroring
B. HTTP delay

C. HTTP abort
D. Load balancing

Answer: C

Question: 8

When updating Istio, what is the recommended way to ensure minimal downtime?
Response:

A. Update Istio during low traffic hours
B. Use rolling updates
C. Directly replace the old version
D. Pause all traffic before updating

Answer: B

Question: 9

In Istio, what advanced technique can be used to manage traffic for complex deployment patterns like canary releases?
Response:

A. Sidecar injection
B. Traffic mirroring
C. Weighted routing rules
D. Circuit breakers

Answer: C

Question: 10

How can Istio's observability tools assist in troubleshooting?
Response:

A. By auto-correcting configuration errors
B. By providing detailed metrics and logs for analysis
C. By automatically scaling services based on traffic
D. By encrypting traffic data for security

Answer: B

Thank You for Trying Our Product

For More Information – **Visit link below:**

https://www.examsboost.com/

15 USD Discount Coupon Code:

G74JA8UF

FEATURES

- ✓ **90 Days Free Updates**
- ✓ **Money Back Pass Guarantee**
- ✓ **Instant Download or Email Attachment**
- ✓ **24/7 Live Chat Support**
- ✓ **PDF file could be used at any Platform**
- ✓ **50,000 Happy Customer**