QUESTION 1

(1/1 point)

What is a service mesh?

Top of Form

 One or more containers A group of nodes A network of microservices A network of microservices - correct A type of authentication system

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 2

(1/1 point)

Which of these features is provided by Istio? Select all the apply.

Top of Form

 Traffic management Telemetry Policy enforcement Machine learning Mutual TLS App monetization

Traffic management, Telemetry, Policy enforcement , Mutual TLS, - correct

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 3

(1/1 point)

Microservices that are deployed in Istio can communicate to services outside of Istio.

Top of Form

 True True - correct False

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 4

(1/1 point)

Which Istio function normally requires users to modify their applications?

Top of Form

 Traffic management Metrics Distributed tracing Distributed tracing - correct Policy enforcement

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 5

(1/1 point)

Which Istio component is always required even when you install only certain Istio features?

Top of Form

 Mixer Pilot Pilot - correct Citadel Istioctl

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 6

(1/1 point)

Which Istio component is part of the Istio service mesh data plane?

Top of Form

 Mixer Pilot Citadel Envoy sidecar Envoy sidecar - correct

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 7

(1 point possible)

Which Istio features allow you to configure per namespace?

Top of Form

 Policy enforcement Traffic management Authentication policy Telemetry

Policy enforcement, Traffic management, Authentication policy, Telemetry, - incorrect

Bottom of Form

*You have used 2 of 2 submissions*

QUESTION 8

(1/1 point)

To use Istio, a service must run in Kubernetes.

Top of Form

 True False False - correct

Bottom of Form

*You have used 1 of 1 submissions*

QUESTION 9

(1/1 point)

What’s the purpose of a sidecar container in Kubernetes?

Top of Form

 It’s a container with Istio installed. It’s utility container in a pod. It’s utility container in a pod. - correct It helps to speed up the cluster run time. None of these

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 10

(1/1 point)

What Istio component primarily manages telemetry?

Top of Form

 Pilot Istio Citadel Mixer Mixer - correct Istio data plane

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 11

(1/1 point)

What is an Envoy?

Top of Form

 A web server A sidecar proxy A sidecar proxy - correct A pod None of these

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 12

(1/1 point)

What component is primarily responsible for traffic management?

Top of Form

 Pilot Pilot - correct Mixer Istio Citadel Security

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 13

(1/1 point)

A VirtualService defines policies that apply to traffic intended for a service after routing has occurred.

Top of Form

 True False False - correct

Bottom of Form

*You have used 1 of 1 submissions*

QUESTION 14

(1/1 point)

ServiceEntry configuration enables services within the mesh to access a service not necessarily managed by Istio.

Top of Form

 True True - correct False

Bottom of Form

*You have used 1 of 1 submissions*

QUESTION 15

(1/1 point)

A/B testing is a method of performing identical tests against two separate service versions to determine which performs better.

Top of Form

 True True - correct False

Bottom of Form

*You have used 1 of 1 submissions*

QUESTION 16

(1/1 point)

Telemetry in Istio can help you to pinpoint latency problems in microservices.

Top of Form

 True True - correct False

Bottom of Form

*You have used 1 of 1 submissions*

QUESTION 17

(1/1 point)

What is the default sidecar proxy in Istio?

Top of Form

 NGINX Envoy Envoy - correct HAProxy Pilot

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 18

(1/1 point)

With what Istio component can you use to write custom adapters for tracing and metrics?

Top of Form

 Istio Citadel Mixer Mixer - correct Pilot Envoy

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*

QUESTION 19

(1/1 point)

Istio can secure the communication between microservices without requiring app code changes.

Top of Form

 True True - correct False

Bottom of Form

*You have used 1 of 1 submissions*

QUESTION 20

(1/1 point)

In this course, what is an ingress?

Top of Form

 A collection of services A collection of rules that allow inbound connections to reach the cluster services A collection of rules that allow inbound connections to reach the cluster services - correct A pathway to bypass disabled services None of these

Bottom of Form

FINAL CHECKYOUR ANSWER SAVEYOUR ANSWER

*You have used 1 of 2 submissions*