

Knowledge check

7 minutes

Check what you learned

1. What's the primary goal when implementing a resiliency solution for an app? *

- ☐ Make the app error-free.
- ☐ Handling user errors transparently.

☒ Handling transient infrastructure failures.

✓ Resilience is about mitigating inevitable transient failures in an app's infrastructure.

- ☐ Handling major infrastructure failures.

2. Which of the following statements is correct? *

- ☐ Polly is the best option to handle failures, but it requires a significant amount of work.
- ☐ Linkerd can be implemented with little effort, but it only handles TCP connection failures.

☒ Polly and Linkerd can have complementary roles, depending on the context.

✓ Polly and Linkerd take different approaches to resiliency and have complementary roles.

3. Which of the following components isn't needed to achieve a resilient app in Kubernetes? *

☒ CI/CD pipelines.

✓ Continuous integration/continuous deployment pipelines aren't required for resiliency.

- ☐ Health check probes for services.
- ☐ Failure handling code for complex database transactions.
- ☐ Network-related resiliency infrastructure.

4. Which of the following statements isn't true of Linkerd? *

- ☐ It can adjust retries and timeouts adapting to the current cluster state.
- ☐ It can monitor the traffic between pods.

☒ It must be included in the app's code.

✓ Linkerd is deployed to a cluster without requiring any changes to an app's code.

- ☐ It monitors all incoming and outgoing connections.

5. Which of the following statements isn't true of Polly? *

- ☐ It can handle retries with exponential back-off.
- ☐ It can ensure resiliency for complex database transactions.

☒ It doesn't require app code changes.

✓ Polly does require code changes.



It must be configured via code for every `HttpClient`.

Next unit: Summary

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