



## Professional Cloud Developer

v2309

### Quiz questions: Cloud Eventarc<sup>\*</sup>

*\* These are for practice only and are not actual exam questions*

**A company wants to use Eventarc to manage the flow of state changes between its microservices. Which of the following features of Eventarc is most important for this use case?**

- A. Standardized solution to manage the flow of events
- B. Routing of events to various destinations
- C. Management of delivery, security, authorization, observability, and error-handling
- D. All of the above

**A company wants to use Eventarc to improve the scalability and resilience of its e-commerce platform. The company needs to be able to handle a high volume of orders during peak shopping seasons, and it needs to be able to recover quickly from any outages or disruptions.**

**Which of the following benefits of using Eventarc to implement an event-driven architecture is correct?**

- A. Eventarc can decouple microservices by routing events between them asynchronously
- B. Eventarc can enable only procedural processing of events
- C. Eventarc can provide interoperability between different technology stacks running only on App Engine.
- D. Eventarc can coordinate systems and teams operating in and deploying only in the same region.

**What benefits do event-driven systems with Eventarc offer in terms of messaging and cost reduction?**

- A. Increased network I/O and higher costs.
- B. Continuous polling of remote services for updates.
- C. Push-based messaging, real-time event streams, and lower costs.
- D. Event-driven systems have no impact on messaging and costs.

**What is the requirement for a function to use an Eventarc trigger in Cloud Functions (2nd gen)?**

- A. The function must be implemented as a CloudEvent function.

- B. The function must specify event filters.
- C. The function must be listed in the Google Events repository.
- D. The function must be triggered by any event type.

## Answers

**A company wants to use Eventarc to manage the flow of state changes between its microservices. Which of the following features of Eventarc is most important for this use case?**

(D) All of the features of Eventarc are important for managing the flow of state changes between microservices. The standardized solution makes it easy to get started with event-driven architectures, the routing of events to various destinations allows you to build complex event-driven systems, and the management of delivery, security, authorization, observability, and error-handling frees you up to focus on developing your business logic.

<https://cloud.google.com/eventarc/docs/overview>

**Which of the following benefits of using Eventarc to implement an event-driven architecture is correct?**

(A) Eventarc can decouple microservices by routing events between them asynchronously. This means that each microservice can focus on its own specific task without having to worry about how other microservices are working. This makes it easier to scale each microservice independently, and it makes the overall system more resilient to outages and disruptions.

<https://cloud.google.com/eventarc/docs/event-driven-architectures>

**What benefits do event-driven systems offer in terms of messaging and cost reduction?**

(C) Event-driven systems offer several benefits, including push-based messaging, real-time event streams, and lower costs. Push-based messaging allows clients to receive updates without continuously polling remote services, which reduces network I/O and decreases costs.

<https://cloud.google.com/eventarc/docs/overview>

**What is the requirement for a function to use an Eventarc trigger in Cloud Functions (2nd gen)?**

(A) for a function to use an Eventarc trigger in Cloud Functions (2nd gen), it must be implemented as a CloudEvent function. This means that it must be capable of handling event data in the CloudEvents format.

<https://cloud.google.com/functions/docs/calling/eventarc>