

- 1) You are developing a messaging solution for a financial services company named Adatum. The solution must integrate an application named Enrollment and an application named Activation. The Enrollment application is used to enroll new customers. The Activation application is used to activate accounts for new customers. You need to ensure that each message that the Enrollment application sends is stored in a queue for ten minutes before the Activation application uses the message.

```
var address =  
ServiceBusEnvironment.CreateServiceUri("sb",  
    "adatum.activation", string.Empty);  
var ns = new NamespaceManager(ServiceBusNamespaceSettings)  
{  
    OperationTimeout = TimeSpan(0, 10, 0)  
};  
ns.CreateQueue("ActivationQueue");
```

Answer:

```
var address =  
ServiceBusEnvironment.CreateServiceUri("sb",  
    "adatum.activation", string.Empty);  
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- 2) An application sends Azure push notifications to a client application that runs on Windows Phone, iOS, and Android devices. Users cannot use the application on some devices. The authentication mechanisms that the application uses are the source of the problem. You need to monitor the number of notifications that failed because of authentication errors. Which three metrics should you monitor?

Each correct answer presents part of the solution.

- a) Microsoft Push Notification Service (MPNS) authentication errors
- b) External notification system errors
- c) Apple Push Notification Service (APNS) authentication errors
- d) Channel errors
- e) Windows Push Notification Services (WNS) authentication errors
- f) Google Cloud Messaging (GCM) authentication errors

Answers: **ACF**

- 3) You are developing a messaging solution to integrate two applications named WeatherSummary and WeatherDetails. The WeatherSummary application displays a summary of weather information for major cities. The WeatherDetails application displays weather details for a specific city. You need to ensure that the WeatherDetails application displays the weather details for the city that the user selects in the WeatherSummary application. What should you do?

- A. Create an Azure Service Bus Queue communication. In the WeatherDetails application, implement the PeekLock method.
- B. Create an Azure Service Bus Topics object. In the WeatherDetails application, create a filter.
- C. Create an Azure Service Bus Relay object. In the WeatherDetails application, create a filter.
- D. Create an Azure Service Bus Queue communication. In the WeatherDetails application, implement the ReceiveAndDelete method.

Answer: B

- 4) You are developing a web application that uses Azure push notifications to interact with users. You need to send a text notification to users to alert them that the application is ready to test. How should you complete the relevant code? To answer, drag the appropriate code segment to the correct location. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Code Segments	Answer Area
<div>"toast"</div> <div>"visual"</div> <div>"binding"</div> <div>"template"</div> <div>"text"</div> <div>"notification"</div>	<pre>var payload = new XElement( ,     new XElement(         new XElement(             new XAttribute( , "ToastText02"),             new XElement( , "System Ready")))); var message = new WindowsNotification(payload.ToString());</pre>

Answer:

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<div>"toast"</div> <div>"visual"</div> <div>"binding"</div> <div>"template"</div> <div>"text"</div> <div>"notification"</div>	<pre>var payload = new XElement( "toast",     new XElement("visual",         new XElement("binding",             new XAttribute("template", "ToastText02"),             new XElement("text", "System Ready")))); var message = new WindowsNotification(payload.ToString());</pre>

- 5) You maintain an application that is used by local food delivery companies. When a customer requests a delivery, the application sends a message to all of the delivery companies. One company accepts the request and fulfills the order. The application currently supports orders of 100 products or fewer. Some of the delivery companies can now deliver large orders that contain up to 500 products. You must modify the application so that it supports both small orders and large orders. Messages about large orders should be sent to only delivery companies that can fulfill them. Messages about small orders should be sent to all delivery companies.

Which service should you use?

- A. Azure Service Bus Queue
- B. Azure Service Bus Relay
- C. Azure Service Bus Topics
- D. Azure Service Bus Namespace

Answer: C

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