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Custom View Settings

Question #15

HOTSPOT -

You plan to deploy a web app to App Service on Linux. You create an App Service plan. You create and push a custom Docker image that contains the web app to Azure Container Registry.

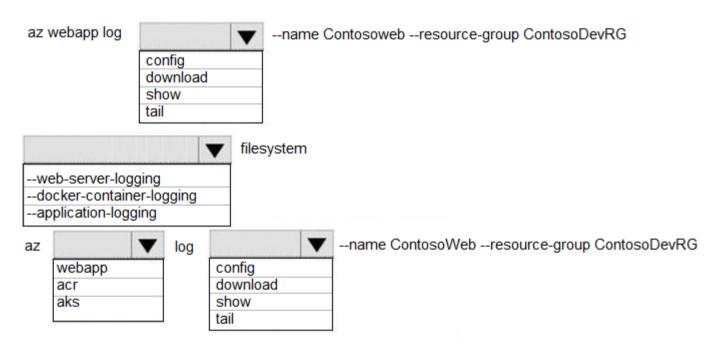
You need to access the console logs generated from inside the container in real-time.

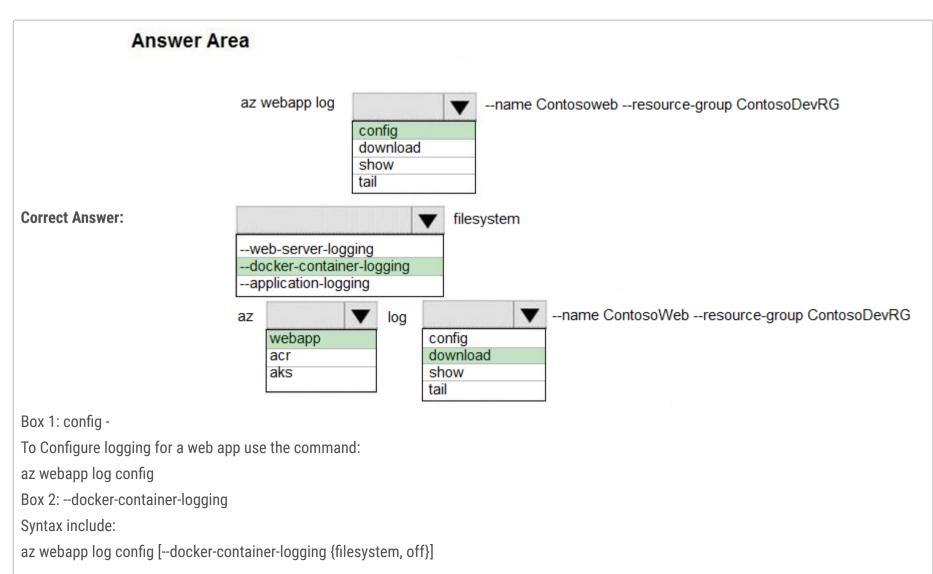
How should you complete the Azure CLI command? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area





Box 3: webapp -

To download a web app's log history as a zip file use the command: az webapp log download

Box 4: download -

Reference:

https://docs.microsoft.com/en-us/cli/azure/webapp/log

Question #16

You develop and deploy an ASP.NET web app to Azure App Service. You use Application Insights telemetry to monitor the app.

You must test the app to ensure that the app is available and responsive from various points around the world and at regular intervals. If the app is not responding, you must send an alert to support staff.

You need to configure a test for the web app.

Which two test types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. integration
- B. multi-step web
- C. URL ping
- D. unit
- E. load

Correct Answer: BC 🤌

There are three types of availability tests:

- URL ping test: a simple test that you can create in the Azure portal.
- Multi-step web test: A recording of a sequence of web requests, which can be played back to test more complex scenarios. Multi-step web tests are created in

Visual Studio Enterprise and uploaded to the portal for execution.

© Custom Track Availability Tests: If you decide to create a custom application to run availability tests, the TrackAvailability() method can be used to send the results to Application Insights.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/app/monitor-web-app-availability

Question #17

DRAG DROP -

A web service provides customer summary information for e-commerce partners. The web service is implemented as an Azure Function app with an HTTP trigger.

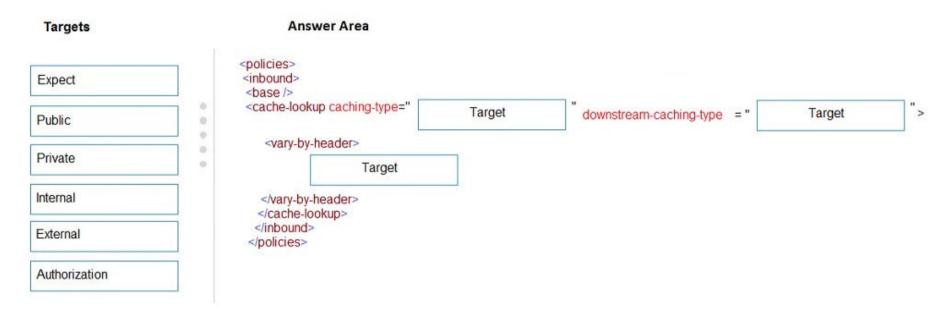
Access to the API is provided by an Azure API Management instance. The API Management instance is configured in consumption plan mode. All API calls are authenticated by using OAuth.

API calls must be cached. Customers must not be able to view cached data for other customers.

You need to configure API Management policies for caching.

How should you complete the policy statement?

Select and Place:



Correct Answer: Targets Answer Area <policies> Expect <inbound> <base/> <cache-lookup caching-type=' Private Internal downstream-caching-type = " Public 0 <vary-by-header> Private Authorization Internal </vary-by-header> </cache-lookup> </inbound> External </policies> Authorization

Box 1: internal -

caching-type

Choose between the following values of the attribute:

- internal to use the built-in API Management cache,
- external to use the external cache as Azure Cache for Redis prefer-external to use external cache if configured or internal cache otherwise.

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Box 2: private -

downstream-caching-type

This attribute must be set to one of the following values.

- $\ ^{\ }$ none downstream caching is not allowed.
- private downstream private caching is allowed.
- public private and shared downstream caching is allowed.

Box 3: Authorization -

<vary-by-header>Authorization</vary-by-header>

<!-- should be present when allow-private-response-caching is "true"-->

Note: Start caching responses per value of specified header, such as Accept, Accept-Charset, Accept-Encoding, Accept-Language,

Authorization, Expect, From,

Host, If-Match -

Reference:

https://docs.microsoft.com/en-us/azure/api-management/api-management-caching-policies

Question #18 Topic 4

You are developing applications for a company. You plan to host the applications on Azure App Services.

The company has the following requirements:

- ⇒ Every five minutes verify that the websites are responsive.
- Verify that the websites respond within a specified time threshold. Dependent requests such as images and JavaScript files must load properly.
- Generate alerts if a website is experiencing issues.
- If a website fails to load, the system must attempt to reload the site three more times.

You need to implement this process with the least amount of effort.

What should you do?

- A. Create a Selenium web test and configure it to run from your workstation as a scheduled task.
- B. Set up a URL ping test to query the home page.
- C. Create an Azure function to query the home page.
- D. Create a multi-step web test to query the home page.
- E. Create a Custom Track Availability Test to query the home page.

Correct Answer: D 🤌

You can monitor a recorded sequence of URLs and interactions with a website via multi-step web tests.

Incorrect Answers:

A: Selenium is an umbrella project for a range of tools and libraries that enable and support the automation of web browsers.

It provides extensions to emulate user interaction with browsers, a distribution server for scaling browser allocation, and the infrastructure for implementations of the W3C WebDriver specification that lets you write interchangeable code for all major web browsers.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-multistep

Question #19

You develop and add several functions to an Azure Function app that uses the latest runtime host. The functions contain several REST API endpoints secured by using SSL. The Azure Function app runs in a Consumption plan.

You must send an alert when any of the function endpoints are unavailable or responding too slowly.

You need to monitor the availability and responsiveness of the functions.

What should you do?

- A. Create a URL ping test.
- B. Create a timer triggered function that calls TrackAvailability() and send the results to Application Insights.
- C. Create a timer triggered function that calls GetMetric("Request Size") and send the results to Application Insights.
- D. Add a new diagnostic setting to the Azure Function app. Enable the FunctionAppLogs and Send to Log Analytics options.

Correct Answer: B 🤌

You can create an Azure Function with TrackAvailability() that will run periodically according to the configuration given in TimerTrigger function with your own business logic. The results of this test will be sent to your Application Insights resource, where you will be able to query for and alert on the availability results data.

This allows you to create customized tests similar to what you can do via Availability Monitoring in the portal. Customized tests will allow you to write more complex availability tests than is possible using the portal UI, monitor an app inside of your Azure VNET, change the endpoint address, or create an availability test even if this feature is not available in your region.

Reference:

https://docs.microsoft.com/en-us/azure/azure-monitor/app/availability-azure-functions

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