

Microsoft Discussions



Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 137 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 137

Topic #: 1

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DRAG DROP -

Match the serverless solution to the correct characteristic.

To answer, drag the appropriate serverless solution from the column on the left to its characteristic on the right. Each serverless solution may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point.

Select and Place:

Serverless Solutions

Answer Area

Azure Functions

Executes code:

Azure Logic Apps

Is always stateful:

































Runs only in the cloud:











Show Suggested Answer














Comments

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-   **Pedrazini** Highly Voted 2 years, 8 months ago
Correct is Functions, Logic Apps, Logic Apps -> <https://docs.microsoft.com/en-us/learn/modules/azure-compute-fundamentals/azure-functions?ns-enrollment-type=LearningPath&ns-enrollment-id=learn.az-900-describe-core-azure-services>
   upvoted 95 times
-   **orlandoryo** 1 year, 7 months ago
Yes, the table at the end of the page clearly shows that Logic Apps are ALWAYS stateful.
   upvoted 6 times
-   **rv_azure** Highly Voted 2 years, 8 months ago
Executes Code - Azure Functions
Is Stateful - Azure Logic Apps
Runs only in cloud - Azure Logic Apps
   upvoted 68 times
-   **OShpapi** 2 years, 6 months ago
you are very wrong. use this as a guidance
<https://docs.microsoft.com/en-us/learn/modules/azure-compute-fundamentals/azure-functions?ns-enrollment-type=LearningPath&ns-enrollment-id=learn.az-900-describe-core-azure-services>
   upvoted 2 times
-   **sideque** 1 year, 7 months ago
no you
   upvoted 4 times
-   **Hermitjay02** 2 years ago
the question states "Is stateful" meaning at every given point. Functions is usually stateless except Durable Functions which is not stated in the question. Therefore Logic Apps is correct as it is always stateful.
   upvoted 8 times
-   **mehasi** 2 years, 6 months ago
Functions can be either stateless or stateful. When they're stateless >>(the default)<<, they behave as if they're restarted every time they respond to an event. When they're stateful >>(called Durable Functions)<<, a context is passed through the function to track prior activity.

Durable Functions : is an extension of Azure Functions
<https://docs.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-overview?tabs=csharp>
   upvoted 5 times
-   **Hoeishetmogelijk** 1 year, 9 months ago
This is completely right: just look at the Functions vs. Logic Apps section on this page: <https://learn.microsoft.com/en-us/training/modules/azure-compute-fundamentals/azure-functions>
   upvoted 10 times
-   **Stopblindlytrustingchatbot** 1 year, 2 months ago
Thank you for this, it clearly says:

Functions can be either stateless or stateful. When they're stateless (the default), they behave as if they're restarted every time they respond to an event. When they're stateful (called Durable Functions), a context is passed through the function to track prior activity.
   upvoted 1 times
-   **NoursBear** Most Recent 3 months ago
Azure Function is always stateful. Logic Apps can be both.
   upvoted 1 times
-   **NoursBear** 3 months ago
but then again I am reading contradictory documentation
   upvoted 1 times

   upvoted 1 times

  **dayotee** 7 months ago

This is the correct answer:

Executes code = Azure Functions



Is Always Stateful = neither Azure Functions nor Azure Logic Apps is always stateful. According to these links below, both services can be stateful and/or stateless:

Azure Functions (<https://learn.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-overview?tabs=in-process%2Cnodejs-v3%2Cv1-model&pivots=csharp> ; <https://learn.microsoft.com/en-us/archive/msdn-magazine/2019/august/azure-affairs-of-state-serverless-and-stateless-code-execution-with-azure-functions>)

Azure Logic Apps (<https://learn.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>)

Runs only in cloud = Azure Logic Apps

   upvoted 2 times

  **navidahmed** 9 months, 3 weeks ago

none of the two options are always stateful, A single logic app can have multiple stateful and stateless workflows. Functions are also stateful or stateless

   upvoted 3 times

  **JayStolzenwald** 12 months ago

Second answer should be blanc. Nothing is holding you back from creating a stateless Azure Logic App. They even state it on the Logic App page:

"Support stateless workflows to enhance performance for request and response scenarios."
<https://azure.microsoft.com/en-us/products/logic-apps>

So it's definitely not ALWAYS stateful. And of course same is true for Azure Functions

   upvoted 2 times

  **dgerok** 12 months ago

Executes: functions

Always stateful: ALA*

*Azure Functions has two programming models: V3 and V4. V3 functions are always stateless, while V4 functions can be either stateless or stateful by using the Durable Functions extension. Durable Functions lets you write orchestrator functions and entity functions that define stateful workflows and entities using the Azure Functions programming model.

<https://learn.microsoft.com/en-us/azure/azure-functions/durable/durable-functions-overview>

Runs ONLY in cloud: ALA**

**Azure Functions can run locally, on any self-managed server, in containers or in Azure. Logic Apps run only in Azure.

<https://learn.microsoft.com/en-us/azure/azure-functions/functions-compare-logic-apps-ms-flow-webjobs>

   upvoted 2 times

  **ankeet1** 1 year ago

Functions can be either Stateful OR Stateless. The Answer to B is Logic Apps.

   upvoted 2 times

  **PeterV72** 1 year, 1 month ago

A single logic app can have multiple stateful and stateless workflows.



   upvoted 1 times

  **Rainheart** 1 year, 2 months ago



Azure Logic Apps is always stateful, while Azure Functions can be either stateless or stateful.

So second fill is wrong

   upvoted 2 times

  **Riyaaaaa** 1 year, 2 months ago

According to Chatgpt: Azure Logic App is always stateful, whereas Azure Function can be stateful or stateless, depending on how it is designed and implemented.

   upvoted 2 times

  **oopspruu** 1 year, 3 months ago

Correct answer is: Functions, Logic Apps, Logic Apps.

Logic Apps are always stateful and they cannot execute code.

   upvoted 3 times

  **Fns** 1 year, 4 months ago

Functions: Execute code, can be either stateless or stateful, and Can run locally or in the cloud.

Logic App: Execute logic, Stateful, Runs only in the cloud.

<https://learn.microsoft.com/en-us/training/modules/azure-compute-fundamentals/azure-functions>

   upvoted 2 times

  **Erns** 1 year, 4 months ago

👤 **Frns** 1 year, 4 months ago

Functions can be either stateless or stateful. When they're stateless (the default), they behave as if they're restarted every time they respond to an event. When they're stateful (called Durable Functions), a context is passed through the function to track prior activity.

👍 🔄 🚩 upvoted 1 times

👤 **Frns** 1 year, 4 months ago

Azure function can run locally or in the cloud.
Logic apps runs only in the cloud.

<https://learn.microsoft.com/en-us/training/modules/azure-compute-fundamentals/azure-functions>

👍 🔄 🚩 upvoted 1 times

👤 **ziggy1117** 1 year, 7 months ago

Function, Logic, Logic -> <https://learn.microsoft.com/en-us/training/modules/azure-compute-fundamentals/azure-functions>

👍 🔄 🚩 upvoted 3 times

👤 **Alex4190** 1 year, 8 months ago

FUNCTIONS
LOGIC APPS
LOGIC APPS

Functions can be stateful and stateless

👍 🔄 🚩 upvoted 5 times

👤 **runnerZ** 1 year, 8 months ago

Functions can be either stateless or stateful. When they're stateless (the default), they behave as if they're restarted every time they respond to an event. When they're stateful (called Durable Functions), a context is passed through the function to track prior activity.

👍 🔄 🚩 upvoted 2 times

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