

EXAMTOPICS

- Expert Verified, Online, Free.

≡ MENU



← Microsoft Discussions



Exam AZ-900 All Questions

View all questions & answers for the AZ-900 exam

Go to Exam

EXAM AZ-900 TOPIC 1 QUESTION 175 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 175

Topic #: 1

[\[All AZ-900 Questions\]](#)

Your company plans to deploy several million sensors that will upload data to Azure. You need to identify which Azure resources must be created to support the planned solution. Which two Azure resources should you identify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Azure Data Lake
- B. Azure Queue storage
- C. Azure File Storage
- D. Azure IoT Hub
- E. Azure Notification Hubs

Show Suggested Answer

by  Moon at Nov. 24, 2019, 10:39 a.m.

Comments

Type your comment...

Submit

🗨️ 👤 **Moon** Highly Voted 4 years, 11 months ago

I would go with "A & D".

Data Lake: is typical storage for IoT Hub as in the below link

<https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-messages-d2c>

👍 🔄 🚩 upvoted 170 times

🗨️ 👤 **MjMumbai** 4 years, 4 months ago

Datalake is used to process large amount of data and perform analytics on top of that. It is not used by transaction purpose. Once you get IoT data in queue, you can push it to datalake for further analysis purpose. so queue is right answer.

👍 🔄 🚩 upvoted 13 times

🗨️ 👤 **joilec435** 4 years, 8 months ago

<https://www.youtube.com/watch?v=1wr463qrTrI>

👍 🔄 🚩 upvoted 4 times

🗨️ 👤 **Cherry2020** 4 years ago

Thats true. A & D are correct.

According to Microsoft, Azure Data Lake store is a hyper-scale repository for big data analytics workloads and a Hadoop Distributed File System (HDFS) for the cloud. It... Imposes no fixed limits on file siz

👍 🔄 🚩 upvoted 2 times

🗨️ 👤 **lollo1234** 4 years ago

Correct. We know that IOT hub is one of the correct answer. The answer is Data Lake, specifically from the link above.. IOT hub can store data at two places, and hence data lakes appears to be the correct second choice, depending on the volume of the data.

Azure Storage as a routing endpoint

There are two storage services IoT Hub can route messages to -- Azure Blob Storage and Azure Data Lake Storage Gen2 (ADLS Gen2) accounts.

👍 🔄 🚩 upvoted 7 times

[Load full discussion...](#)

🗨️ 👤 **Ayoubbts** Highly Voted 4 years, 10 months ago

B and D are correct. In the statement we can read : « deploy several million sensors that will upload data to Azure ». Here the keyword is deploy. To deploy IoT solutions you have to use Azure IoT Hub. The Data Lake is for analytics not deployment. You will obviously use the Queue Storage to handle the amount of exchanges.

👍 🔄 🚩 upvoted 69 times

🗨️ 👤 **sj1234567** Most Recent 1 year, 2 months ago

B and D
Microsoft

Go to the Microsoft Purview compliance portal and sign in with your Microsoft 365 global administrator account. Select Compliance Manager on the left navigation pane. You'll arrive at your Compliance Manager dashboard.

👍 🔄 🚩 upvoted 1 times

🗨️ 👤 **Riyaaaaa** 1 year, 2 months ago

There was no mention of this in Microsoft Learn? this is very confusing

👍 🔄 🚩 upvoted 2 times

🗨️ 👤 **SAFM** 1 year ago

I think this has been taken out and is now part of the separate "Azure Data Fundamentals" certification exam. Two major topics were taken out: Azure AI fundamentals and Azure Data fundamentals. I hope I'm not wrong, but again this was not in the learning syllabus.

👍 🔄 🚩 upvoted 1 times

🗨️ 👤 **SAFM** 1 year ago

<https://trainingsupport.microsoft.com/en-us/mcp/forum/all/question-on-az-900-content/b082f615-7150-4573-ad3a-51789e272dd9>

👍 🔄 🚩 upvoted 5 times

🗨️ 👤 **Bereket** 1 year, 9 months ago

Selected Answer: AD

A and D only makes sense

👍 🔄 🚩 upvoted 1 times

🗨️ 👤 **dssai** 1 year, 10 months ago



  **ueqgi** 1 year, 10 months ago

A&D for me:

There are two storage services IoT Hub can route messages to: Azure Blob Storage and Azure Data Lake Storage Gen2 (ADLS Gen2) accounts. Azure Data Lake Storage accounts are hierarchical namespace-enabled storage accounts built on top of blob storage. Both of these use blobs for their storage.

<https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-messages-d2c>

   upvoted 1 times

  **arijit1234** 2 years ago



should be B and D. you can find the same question in cloud guru.

   upvoted 2 times

  **Pa1theAchiever** 2 years, 3 months ago

A and D

   upvoted 1 times

  **Meyti** 2 years, 7 months ago

Selected Answer: AD

answer is correct.


   upvoted 5 times

  **cormorant** 2 years, 7 months ago

Your company plans to deploy several million sensors - Azure IoT Hub

that will upload data to Azure. - Data Lake

   upvoted 3 times

  **abelk** 2 years, 10 months ago

A & D is the correct answer

   upvoted 1 times

  **Mouhammad1** 2 years, 10 months ago

Big data Data lake

   upvoted 1 times

  **Jeend** 2 years, 11 months ago

Keyword is million sensor

   upvoted 4 times

  **azurearch** 3 years, 1 month ago

<https://docs.microsoft.com/en-us/azure/iot-hub/iot-hub-devguide-messages-d2c> There are two storage services IoT Hub can route messages to -- Azure Blob Storage and Azure Data Lake Storage Gen2 (ADLS Gen2) accounts.

   upvoted 2 times

  **Tachinsky** 3 years, 3 months ago

It's A and D. IoT Hub for the data processing. Data Lake to store and then process the data

   upvoted 1 times

  **wmlead** 3 years, 3 months ago

a and d are the answers

   upvoted 1 times

  **Satappa** 3 years, 4 months ago

When there are millions of message from sensor, we need place for them to wait before it Hits target product. B & D correct answer

   upvoted 1 times

[Load full discussion...](#)

Start Learning for free



Social Media

[Facebook](#) , [Twitter](#)

[YouTube](#) , [Reddit](#)

[Pinterest](#)



We are the biggest and most updated IT certification exam material website.

Using our own resources, we strive to strengthen the IT professionals community for free.



© 2024 ExamTopics

ExamTopics doesn't offer Real Microsoft Exam Questions. ExamTopics doesn't offer Real Amazon Exam Questions. ExamTopics Materials do not contain actual questions and answers from Cisco's Certification Exams.

CFA Institute does not endorse, promote or warrant the accuracy or quality of ExamTopics. CFA® and Chartered Financial Analyst® are registered trademarks owned by CFA Institute.