

Microsoft Discussions



Exam AZ-900 All Questions

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EXAM AZ-900 TOPIC 1 QUESTION 117 DISCUSSION

Actual exam question from Microsoft's AZ-900

Question #: 117

Topic #: 1

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Which Azure service should you use to collect events from multiple resources into a centralized repository?

- A. Azure Event Hubs
- B. Azure Analysis Services
- C. Azure Monitor
- D. Azure Stream Analytics

Show Suggested Answer

by [eternalenvy](#) at Feb. 21, 2021, 3:54 p.m.

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[werbinich](#) [Highly Voted](#) 3 years, 7 months ago

Answer is correct; keyword is "event" and not just any telemetry data.

"Azure Event Hubs — A big data streaming platform and event ingestion service"

>>> <https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about>

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🗄️ 👤 **lighting** Highly Voted 👍 3 years, 7 months ago

C. Azure Monitor

-- resources are azure resource

-- <https://medium.com/@kyleake/exam-az-900-microsoft-azure-fundamentals-most-complete-preparation-guide-ever-76614d31a59c>

To correlate events from multiple resources into a centralized repository. Log data collected by Azure Monitor is stored in a Log Analytics workspace, which is based on Azure Data Explorer. It collects telemetry from a variety of sources and uses the Kusto query language used by Data Explorer to retrieve and analyze data.

👍 ↩ 🚩 upvoted 64 times

🗄️ 👤 **Harry28731** 2 years, 10 months ago

Azure Monitor collect Metrics and logs :

<https://docs.microsoft.com/en-us/azure/azure-monitor/overview>

Azure Events Hub collects Hubs :

<https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about>

Azure Event Hubs is a big data streaming platform and EVENT ingestion service. It can RECEIVE and process MILLIONS of EVENTS per second. Data sent to an event hub can be transformed and stored by using any real-time analytics provider or batching/storage adapters.

It's basically the definition of Azure Event Hubs.

Additional reasoning is that Azure Monitor collect ONLY application or infrastructure related logs (that can be events) whereas Event Hubs can collect Business events. The question mentions only EVENTS in general.

👍 ↩ 🚩 upvoted 29 times

🗄️ 👤 **Harry28731** 2 years, 10 months ago

So NO. Answer is first Azure Events Hubs, and if not presents then we can suppose that Logs include Events so Azure Monitor but not the other order.

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🗄️ 👤 **Alsari** Most Recent 🕒 3 weeks, 3 days ago

Selected Answer: A

Azure Event Hubs answer by Copilot

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **Su_147895** 2 months, 1 week ago

Selected Answer: C

C. Azure Monitor

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **Erasable_Mak** 2 months, 1 week ago

For collecting events from multiple resources into a centralized repository, you should use Azure Monitor (Option C). Azure Monitor provides comprehensive monitoring solutions for collecting, analyzing, and acting on telemetry data from your Azure resources and on-premises environments.

(Option A) is more suited for real-time data ingestion and event streaming, while Azure Analysis Services

(Option B) is used for data modeling and analytics, and Azure Stream Analytics

(Option D) is for real-time data stream processing.

👍 ↩ 🚩 upvoted 2 times

🗄️ 👤 **NoursBear** 3 months ago

[https://learn.microsoft.com/en-us/azure/event-hubs/monitor-event-hubs?](https://learn.microsoft.com/en-us/azure/event-hubs/monitor-event-hubs?tabs=AzureDiagnostics%2CAzureDiagnosticsforRuntimeAudit%2CAzureDiagnosticsforAppMetrics#:~:text=Data%20in%20Azure%20Monitor%20Logs,specific%20tables%20in%20Log%20Analytics.)

[tabs=AzureDiagnostics%2CAzureDiagnosticsforRuntimeAudit%2CAzureDiagnosticsforAppMetrics#:~:text=Data%20in%20Azure%20Monitor%20Logs,specific%20tables%20in%20Log%20Analytics.](https://learn.microsoft.com/en-us/azure/event-hubs/monitor-event-hubs?tabs=AzureDiagnostics%2CAzureDiagnosticsforRuntimeAudit%2CAzureDiagnosticsforAppMetrics#:~:text=Data%20in%20Azure%20Monitor%20Logs,specific%20tables%20in%20Log%20Analytics.)

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🗄️ 👤 **b274b54** 3 months, 2 weeks ago

Event hub is not in the Microsoft course syllabus anymore, Im going for Azure Monitor

👍 ↩ 🚩 upvoted 1 times

🗄️ 👤 **EmadAmin** 4 months ago

According to ChatGPT, C is correct.


Azure Event Hubs is a big data streaming platform and event ingestion service. It can receive and process millions of events per second, but it is primarily used for event stream processing rather than centralizing monitoring data across resources.

It is more suitable for scenarios where you need to ingest and process a large volume of event data from multiple sources in real-time.

Azure Monitor collects and aggregates the data from every layer and component of your system across multiple Azure and non-Azure subscriptions and tenants. It stores it in a common data platform for consumption by a common set of tools that can correlate, analyze, visualize, and/or respond to the data.

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

   upvoted 1 times

  **Yomzie** 7 months, 1 week ago

Q: Which Azure service should you use to collect events from multiple resources into a centralized repository?



A: To collect events from multiple resources into a centralized repository in Azure, you should use Azure Event Hubs.

Azure Event Hubs is a big data streaming platform and event ingestion service that can receive and process millions of events per second. It is designed to collect, transform, and store large volumes of event data from various sources in real-time. Event Hubs enables you to ingest events from diverse sources such as applications, devices, and services and stream them into a centralized repository for processing and analysis.

Q: Which Azure service should you use to collect metrics and logs from many resources and store them in a centralized repository?

A: Azure Monitor is an Azure native observability tool which allows you to collect metrics & logs from various resources (applications, Azure resources, Activity logs, etc.), store them in a centralized repository like Azure Log Analytics, and give you the capability to configure alerts.

   upvoted 5 times

  **Abdihaji** 7 months, 2 weeks ago

Azure Event Hub - To collect events from multiple resources into a centralized repository in Azure, the recommended service is Azure Event Hubs. Azure Event Hubs is a scalable event processing service that can handle large volumes of events from various sources



   upvoted 1 times

  **somgabor** 8 months, 2 weeks ago

Correlate events = Azure Log Analytics

Collect events = Azure Event Hubs

   upvoted 4 times

  **ahmedmrgh** 8 months, 3 weeks ago

The Azure service designed to collect events from multiple resources into a centralized repository is:

C. Azure Monitor

Explanation:

Azure Monitor (C): Azure Monitor is a comprehensive solution for collecting, analyzing, and acting on telemetry from Azure resources. It allows you to collect data such as logs, metrics, and traces from various Azure services and resources. Azure Monitor provides a centralized repository for monitoring data and supports features like log analytics, metrics exploration, and alerting.

While Azure Event Hubs (Option A) and Azure Stream Analytics (Option D) are relevant for handling real-time event streams and processing, they are more focused on stream processing and analytics rather than centralized storage and analysis of telemetry data.

Azure Analysis Services (Option B) is a service for creating semantic data models that can be used for business intelligence (BI) purposes. It is not specifically designed for collecting and centralizing events from various resources.

   upvoted 2 times

  **pneu984** 9 months, 3 weeks ago

Selected Answer: C

bing dong long tongue

   upvoted 2 times

  **kaf_omic** 10 months, 1 week ago

Selected Answer: C

Azure Monitor.

"It stores it in a common data platform for consumption by a common set of tools that can CORRELATE, analyze, visualize, and/or respond to the data."

<https://learn.microsoft.com/en-us/azure/azure-monitor/overview#high-level-architecture>

   upvoted 2 times

  **[Removed]** 11 months, 2 weeks ago

Selected Answer: A

The answer is A. Azure Events Hub
As explained by ChatGPT 4, using its Bing browsing capabilities:

The Azure service you should use to collect events from multiple resources into a centralized repository is A. Azure Event Hubs.

Azure Event Hubs is specifically designed as a high-throughput, real-time event ingestion service that can collect events from multiple sources. It's built to handle massive streams of data sent by application or infrastructure components in real-time. This data can then be processed by analytics services or stored for later analysis.

On the other hand, C. Azure Monitor is more focused on collecting operational telemetry, such as performance metrics, activity logs, and diagnostics data, to monitor the health and performance of Azure services. While Azure Monitor does collect events in the form of logs and metrics, its PRIMARY USE is NOT as an event ingestion service but as a monitoring and alerting service. Azure Event Hubs is the better choice when the goal is to set up a large-scale, event-driven data pipeline.

   upvoted 2 times

  **Fulmi** 12 months ago

Azure Monitor chatgpt said

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  **[Removed]** 11 months, 2 weeks ago

Azure Events Hub, as explained by ChatGPT 4, using its Bing browsing capabilities:

The Azure service you should use to collect events from multiple resources into a centralized repository is A. Azure Event Hubs.

Azure Event Hubs is specifically designed as a high-throughput, real-time event ingestion service that can collect events from multiple sources. It's built to handle massive streams of data sent by application or infrastructure components in real-time. This data can then be processed by analytics services or stored for later analysis.

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   upvoted 1 times

  **kenfranco** 12 months ago

"You are working for ACME Corporation. The CTO is very interested in having complete visibility over events in the company's Azure environment. You received a new task to identify an Azure service that can collect multiple events coming from multiple Azure resources that you are currently running. Also, you need to ensure that events will be stored in a centralized repository. Which of the following Azure services should you use?"

Azure Monitor

Azure Event Hubs is actually a big data streaming platform and event ingestion service. So this Azure service is dedicated to big data, which is not the case in this scenario.

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