Log Analytics doesn't show the ADF data

Last updated by | Supreeth Vasudevamurthy | Mar 31, 2023 at 4:43 PM PDT

Contents

Issue

The customer is unable to find data in log analytics for **non-debug runs**. However, Customers can see the data in Azure Monitor and ADF monitoring tab.

Resolution

This is the flow of logs:

Data Factory -> Internal Storage Blob -> Log Analytics Service -> Event Hub/Storage/Log Analytics of Customer choice

1. ADF writes the logs to an internal Storage blob
2. The data in the internal Storage blob is read by Log Analytics service for further processing
3. Processed data flows to Event hub or Storage or Log Analytics of Customer choice.

If Customer is complaining that non sandbox (non debug) runs data is not found in Log Analytics, before reaching out to Log Analytics that the data is missing,(if this is a working setup and Customer is seeing that only some data is missing), we need to check if ADF has actually sent data to the internal Storage blob (step 1),

To get blob details about the data sent in Jarvis, the following options need to be selected:

- Endpoint: Diagnostics PROD
- Namespace: DataFactory
- Events: ShoeboxDiagnosticLogs

CSS engineers may not be able to check the logs in the above table due to permission issues, but the required data has been updated in ***SupportDiagnosticsLogs*** table in ADFCUS cluster, for all regions.

Please use jarvis like below to check if the data is present in the table, currently we will not be able to provide the blob path name as the blob path is from ShoeboxDiagnosticLogs table for which CSS does not have access. Presence of a record (with status like Queued, InProgress, Failed/Succeeded etc) means that ADF has sent the data to Internal storage.

Account >

Q Server Query | 📂 Open | 🖫 Save | ⚙ Settings | 🔗 Link

☐ ActivityExecutorComputeDetails

☐ Show Azure security pack events

Time range

📅 Now | 03/31/2023 16:45 | UTC

-5mins | -1 min | +1 min | +5mins

± | + | - | 1 | Hours ▾

1 | 2 | 3 | 5 | 15 | 30

Scoping conditions   ⚡ Add Index

Field ▾

Filtering conditions   Simple | MQL | KQL

```
1    source
2    | where pipelineRunId ==
     "3727547c-b737-42a3-9857-74e6ec13d750" |
     project status, PreciseTimeStamp, activityRunId
```

ⓘ Microsoft support for Schrems is coming to DGrep.
   Click here to learn more

Miscellaneous ▾

[Q]

Completed (6 results)   ⓘ Hide details ▾

Search ID: 4d726a27-858b-5d33-296f-   143.11 GB Enumerated
0a571922ba8b   143.11 GB Scheduled
                                            143.11 GB Processed

✅ 00:00:13.3883389
**Query completed. Final state: Completed. Enumerated
143.109 GB. Processed: 143.109 GB. Results: 6.**

▼ Client Query   MQL | KQL | Q

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🔼

📊 Logs | ⟳ | ⬇ | Find... prefix with '-' to negate | 📊 Chart   ≡ Aggregates ⤢

PreciseTimeStamp	status	activityRunId
03-31-2023 16:48:15	Queued	e6f6098f-e517-42fe-bca9-13018ae842f7
03-31-2023 16:48:35	Succeeded	06a876c8-b6e4-4317-910a-bea41254809d
03-31-2023 16:48:26	Succeeded	e6f6098f-e517-42fe-bca9-13018ae842f7
03-31-2023 16:48:29	InProgress	06a876c8-b6e4-4317-910a-bea41254809d
03-31-2023 16:48:27	Queued	06a876c8-b6e4-4317-910a-bea41254809d
03-31-2023 16:48:22	InProgress	e6f6098f-e517-42fe-bca9-13018ae842f7

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🙂 🙁