

Troubleshooting for data flow throttling issue

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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Issue

Data flow error happened due to throttling issue or Sev2 with "**Data Flow Core Usage Threshold in Databricks: Subscriptions reaching limit in <region>**" title

Solution

1. First check whether there's a peak of data flow usage during recent hour or not by [Customer impact analysis](#)
2. If it does, change [ADMS EC: How to turn on/off ADMS EC](#) (**feature name:** ADFDataflowIntegrationRuntimeConcurrency; experience name: 5) to restrict the concurrent run number for this customer.

Endpoint [*]	ADMSPublicEndpoint
Service Name	IRMSEC
Enable ECSettings Name List [?]	<input type="checkbox"/>
ECSettings Name	prod_westeurope
ECSettings Name List [?]	
Feature Name	ADFDDataflowIntegrationRuntimeConcurrency
Default Value [?]	
Experience Name	5
values to add in allow list [?]	<subid>

3. If it doesn't, get the JIT access for Azure IR subscription from [Subscription List](#) to check the resource usage
4. At the same time, use [How to find out if there's any external dependency issues](#) to check which sub resource caused majority deletion failures
5. Reach proper team from [Contact info and responsibility for data flow](#) for workaround
6. Reach Databricks team (same link above) to reduce the frequency of their leak resource watcher (two good contact for this issue: Qian (qian.yu@databricks.com) and Ihor (ihor@databricks.com))

7. One incident is mitigated, ask Databricks team to revert the frequency.
8. Before call the incident is resolved, always follow [How to find out if there's any external dependency issues](#) to ensure the failure count is less than 50 in 1 hour window

NOTE : Most of these actions are performed by the Product Group. If you have any queries, please reach out to the EEs for assistance.

Additional Information:

- **Icm References:**
- **Author:** jikma
- **Reviewer:** vimals
- **Keywords:** Data flow, ExecuteGADataFlowTest, DataFlowGADebugTest, ExecuteWranglingPipelineTest

How good have you found this content?

