

Finding Batch or Application ID

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Issue

How to find the Batch/Application ID in HDInsight Activity

Resolution

One of the scenarios is to help CSS team with

1. Information that customer needs to know if he/she would like to investigate HDI cluster logs on their own
2. Key routing information as to when to engage HDInsight team with necessary information HDI teams needs for investigation.

Connect to ADF Kusto Cluster (US region - Kusto cluster <https://adfcus.kusto.windows.net:443> ☐ Europe region <https://adfneu.kusto.windows.net:443> ☐)

If you have Data factory name or Pipeline name or subscription id and DON'T have pipeline run id run the start with following query. If you have an exact activity run ID , please proceed to Query 3

```
//Remove // against
//Query 1
PipelineRuns
||| where tolower(dataFactoryName) == tolower("<enter DF name>")
||| where tolower(pipelineName) == tolower("<enter pipeline name>")//
||| where tolower(subscriptionId) == tolower("<enter subscription id>")
| project dataFactoryName ,pipelineName, runId
```

Get the run id from above query and run below query on the same kusto cluster

Query 2

ActivityRuns

```
| where pipelineRunId == "5762e848-2111-4c36-bc8d-74bfbbf1781a"
| project activityRunId
```

Connect to ADMS Kusto Cluster(use Kusto explorer)

<https://azuredmprod.kusto.windows.net:443>

Query 3

```
CustomLogEvent | where ActivityId == "<Place activityRunId> from above query or the activity run ID you have>"
| project PreciseTimeStamp ,RoleInstance ,Message
```

Look for the rows like below to get the batch id and application id

PriciseTimeStamp	Message	Key Info for CSS to Advise customer/Engaging HDI PG team
2018-11-04 04:00:11.3427910	<LogProperties><Text>Report job progress: [computeInformation, https://inventory-hdsparktest.azurehdinsight.net];[batchId, 7047];[ExecutionProgress, InProgress];[jobId, application_1538890346603_8732]</Text></LogProperties>	batchid,7047; JobId, application_1538890346603_8732 information is useful for customer to check HDI Cluster logs on his own or engaging HDI support/PG team
2018-11-04 04:00:26.3715350	<LogProperties><Text>Invoke callback url with req: {"Status":2,"Output":null,"Error":{"ErrorCode":2312,"Message":"Spark job failed, batch id:7047","Details":null,"IsUserError":true}}</Text></LogProperties>	Invoke callback url with req: {"Status":2,"Output":null,"Error":{"ErrorCode":2312,"Message":"Spark job failed, batch id:7047","Details":null,"IsUserError":true}} This tells CSS that spark job failed on HDI side and CRI escalation should be routed to HDI PG

Note - sometimes Batchid 0 is received that is also a valid batch id and does not mean ADF failed to submit job to HDI

Additional Information:

- **Icm References:**
- **Author:** muralird
- **Reviewer:** vimals
- **Keywords:**

How good have you found this content?

