

Dataflow customer impact analysis

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

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Issue

How to perform Dataflow customer impact analysis for data flow activity (*replace region/timestamp according to the incident*):

Steps

```
ActivityRuns
| where activityType == "ExecuteDataFlow"
| where location == "centralindia"
| where TIMESTAMP >= datetime(2019-07-20 20:49:00)
| where TIMESTAMP <= datetime(2019-07-20 23:15:00)
| summarize count() by subscriptionId, status
```

In case we need to filter by the specific error message:

```
ActivityRuns
| where activityType == "ExecuteDataFlow"
| where location in ("eastus", "eastus2", "centralus", "northcentralus")
| where status == "Failed"
| where TIMESTAMP >= datetime(2019-10-25 10:30:00)
| where TIMESTAMP <= datetime(2019-10-25 12:30:00)
| join kind = inner (
cluster('azuredmprod.kusto.windows.net').database('AzureDataMovement').CustomLogEvent
| where TIMESTAMP >= datetime(2019-10-25 10:30:00)
| where TIMESTAMP <= datetime(2019-10-25 12:30:00)
| where Level == 3
| where Message contains "502" or Message contains "Time out to retry"
) on $left.activityRunId == $right.ActivityId
| summarize count() by subscriptionId
```

For data flow debug creation (*replace region/timestamp according to the incident*):

```
ApiOperationEvent
| where ApiName == "POST DataFlow/CreateDataflowDebugSession" or RequestUri contains "dfCreateSession$$"
| where env_cloud_location in ("eastus", "eastus2", "centralus", "northcentralus")
| where env_time >= datetime(2019-10-25 10:30:00)
| where env_time <= datetime(2019-10-25 12:30:00)
| summarize count() by SubscriptionId, resultSignature
```

Additional Information:

- **Icm References:**
- **Author:** jikma
- **Reviewer:** vimals
- **Keywords:** Data flow

How good have you found this content?

