

Missing activities in the ADF Monitoring

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Issue

Customer not able to find any activities in the ADF monitoring, even though the Pipeline has successfully run and completed all the activities underneath it.

Cause

The size of the monitoring result for the particular pipeline has reached the ARM limit and failing with a throttling exception

To confirm the same, run the below queries

```
let pipelineRunId = "<Pipeline run Id>";//Pipeline run Id only
let correlation = toscalar(cluster('adfcus.kusto.windows.net').database('AzureDataFactory').ApiOperationEvent
| union cluster('adfneu.kusto.windows.net').database('AzureDataFactory').ApiOperationEvent
| where operationName == "POST PipelineRun/QueryActivityRunDetailsAsync" | where RequestUri contains pipelineR
let timeStamp = toscalar(cluster('adfcus.kusto.windows.net').database('AzureDataFactory').ApiOperationEvent
| union cluster('adfneu.kusto.windows.net').database('AzureDataFactory').ApiOperationEvent
| where operationName == "POST PipelineRun/QueryActivityRunDetailsAsync" | where RequestUri contains pipelineR
cluster('https://armprod.kusto.windows.net').database("ARMProd").HttpOutgoingRequests | where TIMESTAMP between
| where correlationId == correlation | project TaskName, exceptionMessage
```

You should see an exception like this

System.Net.Http.HttpRequestException: Cannot write more bytes to the buffer than the configured maximum buffer size: 20728640.

Resolution

Suggest Customer to split the pipeline to fewer activities so that they don't hit the throttle