## **Livy Job State Dead Investigation**

Last updated by | Ruoyu Li | Feb 7, 2023 at 5:26 PM PST

## **Error Message:**

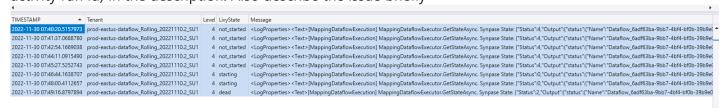
unknown error, details: '[plugins.ADF-ECAC-BI-DW-PROD-EUS.IR-ecac-az.16083 WorkspaceType: <ADF > CCID: <6adf63ba-9bb7-4bf4-bf0b-39b9e082c2e0 > ] [Monitoring] Livy Endpoint = [https://hubservice1.eastus.azuresynapse.net:8001/api/v1.0/publish/2423aafe-1862-4ad7-a41b-b40601a1ead2 □ ]. Livy Id=[0] Job failed during run time with state=[dead].. Failure type: . Error code: . Troubleshooting guides: .'.", "Details":"{}

## **Kusto Query:**

```
// get synapse states custom log event
cluster('azuredmprod.kusto.windows.net').database('AzureDataMovement').CustomLogEvent
| where ActivityId in ("<Replace with ActivityRunId>")
| where Message has_cs "Synpase State: {"
| extend LivyState = extract("[\\n\\r]*\"State\":\\s*\"([^\"]+)\"", 1, Message)
| project TIMESTAMP, Tenant, Level, LivyState, Message
```

## Actions to take:

• if the above kusto query returns the state to be dead without the state ever going to running (like below), please file an **AVA** to involve dataflow PG and attach screenshot like below. Please include IR Name as compute/spark pool name, datafactory name for workspace name and add customer correlation id (ADF activity run id) in the description. Also describe the issue briefly



• If the above kusto query doesnt return anything or does have a running state before it went to dead, check the "**DataFlowClusterLogs**" Table to see if you see any dataflow run time issues