

# Identify duplicate activity runs in the pipeline monitoring

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## Issue

Customer see two conflicting/duplicate status for the same activity in their pipeline. For Eg: Customer see an In Progress and Cancelled State for their activity in same Pipeline

## Cause

This happens due to a current bug in Monitoring (a corner case scenario) wherein same activity information is partitioned into 2 different buckets and latest information from each bucket is surfaced to Customer, which shows up as duplicate entry for the same activity. As seen in the below image the same activity is showing as in Progress and Cancelled

The screenshot displays the Azure Data Factory Pipeline Monitoring interface. At the top, there's a pipeline diagram showing a sequence of activities: 'Lookup' (AC\_LOOK\_UP\_VALI), 'ForEach' (ForEach\_Entitywise), and two 'Execute Pipeline' activities (AC\_PL\_FOUNDATIO and AC\_PL\_CURATED\_S). Below the diagram, the 'Activity runs' section is visible, showing a list of activity runs. The table below highlights the duplicate status for the 'AC\_PL\_CURATED\_S' activity.

Activity name	Activity type	Run start	Duration	Status	Error	Log	Integration runtime
AC_LOOK_UP_VALI	Lookup	Nov 1, 2022, 9:14:48 am	00:00:17	Succeeded			AutoResolveInteg
AC_PL_CURATED_S	Execute Pipeline	Nov 1, 2022, 9:48:16 am	13:54:04	Cancelled			
AC_PL_CURATED_S	Execute Pipeline	Nov 1, 2022, 9:48:16 am	146:14:47	In progress			
AC_PL_FOUNDATIO	Execute Pipeline	Nov 1, 2022, 9:18:02 am	00:30:13	Succeeded			
ForEach_Entitywise	ForEach	Nov 1, 2022, 9:15:06 am	00:02:56	Succeeded			
Stored procedure	Stored procedure	Nov 1, 2022, 9:17:45 am	00:00:15	Succeeded			AutoResolveInteg
Stored procedure	Stored procedure	Nov 1, 2022, 9:17:45 am	00:00:15	Succeeded			AutoResolveInteg

## Troubleshooting

```
cluster('adfcus').database('AzureDataFactory').ActivityRuns | union cluster('adfneu').database('AzureDataFacto
| where activityRunId == "<activityRunId>" | distinct dataFactoryId, status, activityRunId
```



If there are more than 1 dataFactoryId in the pattern <datafactoryId>-<number> that means that, this issue is caused due to the partition problem described above. In the below example 18 and 19 are two partitions. There is a work in progress to fix this bug. There is no action on Customer if encountered other than ignoring this issue until the bug is fixed. Also Customer will not be charged for the duplicate run.

dataFactoryId		status	activityRunId
88ab4a39-1709-4773-b9d4-95ae54fd6fc3-19		Cancelled	df999802-1738-4044-ba1d-32ef95486da2
88ab4a39-1709-4773-b9d4-95ae54fd6fc3-18		Queued	df999802-1738-4044-ba1d-32ef95486da2
88ab4a39-1709-4773-b9d4-95ae54fd6fc3-18		InProgress	df999802-1738-4044-ba1d-32ef95486da2



Case reference - 2211030050001493

Ava reference - [Ava link](#)