

Billing calculation for Validation activity

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Problem Statement

Customer sees a spike in "Cloud Orchestration Activity run" billing and want to understand why the bill is so high

Troubleshooting

Check if Customer is running a Validation activity, if yes check the sum of activityIterationCount of the Validation activity from ActivityRuns table, for the timestamp where Customer is seeing the spike. The number highlighted in red should be divided by 1000 and that would be the final cost which Customer would see, since Orchestration meter Id is for every 1\$ for every 1000 runs == **3167** in this example.

The screenshot displays the Azure Data Factory Query Editor interface. On the left, the 'Scoping conditions' and 'Filtering conditions' are visible. The 'Filtering conditions' include a filter for 'subscriptionId' containing '801A6E6F-5C1C-490A-A7C5-1777C21249E8' and 'dataFactoryName' containing 'JAWSDATAPIPELINEV2-PROD'. The 'Client Query' pane shows a SQL query:

```
1 source | where activityType contains "Validation"
2 | where meterId contains "04f2be54-5cfe-4ad7-97f3-0badfc1dc247"
3 | sort by activityRunId asc
```

The 'Results' pane shows a table with columns: PreciseTimeStamp, time, RoleInstance, activityName, and activityId. The table contains 9 rows of data. The 'Aggregates' pane on the right shows the 'Sum of activityIterationCount' for the 'Hour Validator' activity, highlighted in red, with a value of 3167375. Below this, the 'Average of activityIterationCount by activityName' is shown, with a value of 15011.26 for the 'Hour Validator'.

Next check the sum of Quantity by ResourceURI for the Meter Id "04f2be54-5cfe-4ad7-97f3-0badfc1dc247", which is Cloud Orchestration Activity Run MeterId, the number highlighted above in black should almost match the number highlighted below in red (in the image)

Q Server Query

Client Query Press Alt-F1 to see editor accessibility information

```
1 where MeterId == "04f2be54-5cfe-4ad7-97f3-0badfc1dc247"
2 orderby Quantity desc
```

Logs Find... prefix with '-' to negate Chart Aggregates

Quantity	Location	EventDateTime	MeterId	EventId	
8	0.003	westus2	06-29-2022 11:03:00	04f2be54-5cfe-4ad7-97f3-0badfc1dc247	6d5ad26c-8ff5
8	0.003	westus2	06-29-2022 10:31:00	04f2be54-5cfe-4ad7-97f3-0badfc1dc247	c74621a7-b3d9

Sum of Quantity by Resource: 3102.74 / SUBSCRIPTIONS/801A6E6F-5C1C-490A-A7C5-1777C21249E8

SourceEvent: DataFactoryBillingReportAggregated1MinVer116v0 SourceMoniker: MdsAdFEU

EventDateTime: 2022-06-29T11:51:00.000000Z EventId: 6d535424-c0e3-405a-a781-37229db09d53

Location: westus2 MeterId: 04f2be54-5cfe-4ad7-97f3-0badfc1dc247 PartitionKey: 063792100200000000

Quantity: 0.001 ResourceUri: /SUBSCRIPTIONS/801A6E6F-5C1C-490A-A7C5-1777C21249E8/RESOURCEGROUP...

Role: (blank) RoleInstance: (blank) RowKey: 6d535424-c0e3-405a-a781-37229db09d53

SubscriptionId: 801A6E6F-5C1C-490A-A7C5-1777C21249E8 Tags: {} Tenant: (blank)

1 of 75 Rows 15 of 16 Columns 16 single value columns Expand all

Relevant Jarvis links (will not work if the days are past 90)

<https://portal.microsoftgeneva.com/s/FB15D54B>

<https://portal.microsoftgeneva.com/s/A2C2BB5C>

<https://portal.microsoftgeneva.com/s/3C2B8EBC>

Ava reference -

[https://teams.microsoft.com/l/message/19:768c7b4fcda64cd3acc29bc91eb98bfc@thread.skype/1659349650209?tenantId=72f988bf-86f1-41af-91ab-2d7cd011db47&groupId=97f0bf0e-fe36-422a-9083-3e59230b5715&parentMessageId=1659349650209&teamName=ADF - CSS Collaboration \(For ADF CSS and PG only\)&channelName=General&createdTime=1659349650209&allowXTenantAccess=false](https://teams.microsoft.com/l/message/19:768c7b4fcda64cd3acc29bc91eb98bfc@thread.skype/1659349650209?tenantId=72f988bf-86f1-41af-91ab-2d7cd011db47&groupId=97f0bf0e-fe36-422a-9083-3e59230b5715&parentMessageId=1659349650209&teamName=ADF - CSS Collaboration (For ADF CSS and PG only)&channelName=General&createdTime=1659349650209&allowXTenantAccess=false)