Web Activity executed multiple times

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Contents

- Issue
- Investigation
- Resolution

Issue

Customer noticed that the web activity executed multiple times. Even though the pipeline was executed once only.

Investigation

Query the **CustomLogEvent** table with the Activity RunId:

```
cluster('Azuredmprod').database('AzureDataMovement').CustomLogEvent
| where PreciseTimeStamp >= ago(15d)
| where ActivityId == "ff64eaca-2a8e-4da8-ab1a-b79b9a79afb6"
| project PreciseTimeStamp, Role, TraceMessage, Message, EventName, TraceComponent, StatusCode, SubscriptionId
| sort by PreciseTimeStamp asc
```

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<LogProperties><Text>RETRIABLE ERROR - error performing operation, retry #: 1, will retry in: 00:00:01, error: System.TimeoutException: RedirectClientHandler: SendAsync Request timed out ---> System.Threading.Tasks.TaskCanceledException: A task was canceled. at System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) at System.Runtime

2020-09-08 15:07:56.9867736	transfersharedresourced1b	WebActivityExecutorDetailTrace	<LogProperties><Text>ExecuteWebActivityAsync: invoking GET on https://kfcprodbifunction.azurewebsites.net/api/AASPartitionProcessing, in datafactory KFCAZDF-Prod, region eu</Text></LogProperties>
2020-09-08 15:07:56.9867998	transfersharedresourced1b	WebActivityExecutorDetailTrace	<LogProperties><Text>WriteAsync start</Text></LogProperties>
2020-09-08 15:07:56.9868299	transfersharedresourced1b	WebActivityExecutorDetailTrace	<LogProperties><Text>WebActivityInvoker WriteAsync - Invoking endpoint.</Text></LogProperties>
2020-09-08 15:08:56.9880545	transfersharedresourced1b	ExecutionRuntimeRedirectClientHandler	<LogProperties><Text>RETRIABLE ERROR - error performing operation, retry #: 1, will retry in: 00:00:01, error: System.TimeoutException: RedirectClientHandler: SendAsync Request timed out ---> System.Threading.Tasks.TaskCanceledException: A task was canceled. at System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) at System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at Microsoft.DataTransfer.Execution.Util.RedirectClientHandler.<>c__DisplayClass9_0.<<SendWithRetry>b__0>d.MoveNext() --- End of inner exception stack trace --- at Microsoft.DataTransfer.Execution.Util.RedirectClientHandler.<>c__DisplayClass9_0.<<SendWithRetry>b__0>d.MoveNext()</Text></LogProperties>
2020-09-08 15:09:58.0033626	transfersharedresourced1b	ExecutionRuntimeRedirectClientHandler	<LogProperties><Text>RETRIABLE ERROR - error performing operation, retry #: 2, will retry in: 00:00:02, error: System.TimeoutException: RedirectClientHandler: SendAsync Request timed out ---> System.Threading.Tasks.TaskCanceledException: A task was canceled. at System.Runtime.CompilerServices.TaskAwaiter.ThrowForNonSuccess(Task task) at System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at Microsoft.DataTransfer.Execution.Util.RedirectClientHandler.<>c__DisplayClass9_0.<<SendWithRetry>b__0>d.MoveNext() --- End of inner exception stack trace --- at Microsoft.DataTransfer.Execution.Util.RedirectClientHandler.<>c__DisplayClass9_0.<<SendWithRetry>b__0>d.MoveNext()</Text></LogProperties>
2020-09-08 15:10:03.6260516	transfersharedresourced1b	WebActivityExecutorDetailTrace	<LogProperties><Text>WriteAsync completed invoking endpoint. - returned statusCode OK</Text></LogProperties>

Resolution

Web activity calls the endpoint and fails to receive a response from it within a minute, so it tries to contact the endpoint again per the retry policy. This is by design. Customer should investigate the cause of not receiving a response from the endpoint.

Additional Information:

- **Icm References:** [Icm Link](#) ↗
- **Author:** vimals
- **Reviewer:** vimals
- **Keywords:**

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