Internal server error executing request - ServiceTemporarilyUnavailable

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

Contents

NOTE: There can be multiple reasons for **InternalServerError executing request** error. Kindly query the **AdfTraceEvent** table to get the internal error details.

Issue

Pipeline failing with following error - Internal server error executing request

Investigation

Query the AdfTraceEvent table with the Pipeline RunId to get detailed information related to this error:

```
cluster('adfcus').database('AzureDataFactory').AdfTraceEvent | union cluster('adfneu').database('AzureDataFact
| where env_time >= ago(5d) and ComponentId == "PipelineManager"
| where TraceCorrelationId == "<PipelineRunId>"
| where Message has "ExecutePipelineAsync failed."
| project env_time, env_cloud_name, env_cloud_role, env_cloud_deploymentUnit, ComponentId, Message,TraceCorrel
| sort by env_time asc
```

We noticed the following error:

ExecutePipelineAsync failed. FailureTypeEnum: SystemError, ExecutionException: Microsoft.ADF.Contract.RetryableExecutionException: **InternalServerError executing request**: {"error": {"code":"**ServiceTemporarilyUnavailable**","message":"The service is temporarily unable to service your request. The tracking Id is 'xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx'."}} at Microsoft.ADF.Contract.LogicAppsClient. <HandleHttpResponseMessage>d__2.MoveNext() in M:\IMSEAgentAD-055_work\130\s\Common\src\Contract\External\External\LogicAppsClient.cs:line 44 --- End of stack trace from previous location where exception was thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at

Microsoft.ADF.Contract.CallbackClient.<>c__DisplayClass9_0.<<InvokeCallback>b__0>d.MoveNext() in M:\IMSEAgentAD-055_work\130\s\Common\src\Contract\External\External\CallbackClient.cs:line 119

Resolution

This issue is mostly caused due to LogicApps workflow execution. In this scenario, we noticed the following error in the LogicApps:

Microsoft.WindowsAzure.ResourceStack.Common.BackgroundJobs.Exceptions.JobSizeExceededException: **The size of job definition with partition** '41E0960A50064BEA8C2EE83F2F85AA19:2D0858604796852914857728437826 9CU33' and identifier '0858604796852914857728437826 9CU33-system:2Efirst' is '1074333' bytes. It **exceeds the maximum allowed size of '1048576' bytes.**

Due to a bug on partner side, pipelines with large payloads are failing with the incorrect 503 status code. LogicApps is working on fixing the error message. To solve the issue, customer would have to reduce the payload of the pipeline. For example, they can break refactor the pipeline into two pipelines and use ExecutePipeline activity to concatenate them.

One important thing to notice is that the payload is not limited to the pipeline definition alone. The execution payload is composed on Pipeline + Datasets + Linked Services. This is not related to the number of activities in the pipeline, but to the length of the definition one all entities are resolved together. For example, customers that have large scripts or full schema definition on the datasets can hit this limit.

Additional Information:

- **Icm References:** Icm Link ☒
- **Author:** vimals
- **Reviewer:** vimals
- **Keywords:**

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