

# Cluster core exceed usage error in Dataflow in Azure Synapse workspace

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

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## Issue

If customer is using a Dataflow in Azure Synapse workspace and get the following error. "The databricks job of Dataflow completed, but the runtime state is either null or still InProgress"

The underlying error is : "message":"[plugins.gmosyntst.systemreservedpool-dataflow.a98223df-f216-4c23-9b37-8e4d97e4a7c5]Cluster Job Submitted with Core requirement of [16] which exceeds Remaining Workspace Core Capacity of [10]","errorCode":"AvailableWorkspaceCapacityExceeded"

## Investigation

Query the **CustomLogEvent** table and find the detailed error message:

```
cluster('Azuredmprod').database('AzureDataMovement').CustomLogEvent  
| where ActivityId == "<ActivityId>"
```

	EventName	TraceComponent	TraceMessage	Jobid	Message	SubscriptionId	TenantId	TenantName	IPAddress	LibraryAssemblyVer...	OrigTS	TraceSource
30-4a13-ad21-6b9f696c517d	SsimDeliveryInfoLogEvent	DataTransferServiceWebRole	ArcadiaClient	00000000-0000-0000-0000-000000000000	<LogProperties> <...	00000000-0000-00...	00000000-0000-00...	null				Diagnostic
30-4a13-ad21-6b9f696c517d	SsimDeliveryInfoLogEvent	DataTransferServiceWebRole	ArcadiaClient	00000000-0000-0000-0000-000000000000	<LogProperties> <...	00000000-0000-00...	00000000-0000-00...	null				Diagnostic
30-4a13-ad21-6b9f696c517d	SsimDeliveryWarningLogEvent	DataTransferServiceWebRole	ExecutionMappingDataflowActivityExecutor	c729359-4eb0-4a13-ad21-6b9f696c517d	<LogProperties> <... at Microsoft.Data... at System.Runtime... at System.Runtime... at Microsoft.Data... --- End of stack tra...	00000000-0000-00...	00000000-0000-00...	null				Diagnostic
30-4a13-ad21-6b9f696c517d	SsimDeliveryInfoLogEvent	DataTransferServiceWebRole	ExecutionMappingDataflowActivityExecutor	c729359-4eb0-4a13-ad21-6b9f696c517d	<LogProperties> <...	00000000-0000-00...	00000000-0000-00...	null				Diagnostic
30-4a13-ad21-6b9f696c517d	SsimDeliveryWarningLogEvent	DataTransferServiceWebRole	ExecutionMappingDataflowActivityExecutor	c729359-4eb0-4a13-ad21-6b9f696c517d	<LogProperties> <...	00000000-0000-00...	00000000-0000-00...	null				Diagnostic
30-4a13-ad21-6b9f696c517d	SsimDeliveryInfoLogEvent	DataTransferServiceWebRole	ExecutionMappingDataflowActivityExecutor	c729359-4eb0-4a13-ad21-6b9f696c517d	<LogProperties> <...	00000000-0000-00...	00000000-0000-00...	null				Diagnostic
30-4a13-ad21-6b9f696c517d	SsimDeliveryWarningLogEvent	DataTransferServiceWebRole	ExecutionTaskCommon	c729359-4eb0-4a13-ad21-6b9f696c517d	<LogProperties> <... at System.Runtime...	00000000-0000-00...	00000000-0000-00...	null				Diagnostic

Done (00:11.836): 97 records

SELECTED: 1

PrimaryResult Query Summary QueryStatus Issues: (0)

Message

<LogProperties> <Text> [MappingDataflowExecution] MappingDataflowExecutor.GetStateAsync has failed. Microsoft.DataTransfer.Execution.Core.ExecutionException: plugins.gmosyntst.systemreservedpool-dataflow.a98223df-1216-4c23-9b37-8e4d97e47c5[Cluster Job Submitted with Core requirement of 16] which exceeds Remaining Workspace Core Capacity of 10] at Microsoft.DataTransfer.Execution.ArcadiaSpark.SparkUtility.ToExecutionState(Object getStateResponse, Boolean isDataflow) at Microsoft.DataTransfer.Execution.ArcadiaSpark.SparkUtility.<GetJobStateAsync>d\_\_8.MoveNext() --- 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.DataTransfer.Execution.ArcadiaExecutor.<GetBatchJobState>d\_\_12.MoveNext() --- 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.DataTransfer.Execution.MappingDataflowExecutor.<GetStateAsync>d\_\_26.MoveNext()</Text> <FunctionName> </FunctionName> <FunctionParameter> </FunctionParameter> </LogProperties>

From the above screenshot, it seems like the workspace ran out of cores, as the cluster job submitted with core requirement of 16 but the remaining core capacity in the workspace has only 10.

## Resolution

Customer may need to request more quota from Azure portal.

### Additional Information:

- Icm References: [Icm link](#) 

### How good have you found this content?

