

Delay in Copy Operation as Queries are coming in Queued State

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:22 PM PST

Symptoms

ExecutionApiCall | where ActivityId == "92105c3b-e45d-4b31-b12a-240ff7756244"

	ApiName	ExecutionType	SubscriptionId	RunId	IntegrationRuntime	Status	RecordTime	SourceMoniker	ErrorC
I	Start	Copy	480ad60c-c017-4b86-8d45-35c026bb522b	92105c3b-e45d-4b...	null	Start	2020-02-10 17:47:...	SSIMHybridDeliveryEastUS2	
I	Start	Copy	480ad60c-c017-4b86-8d45-35c026bb522b	92105c3b-e45d-4b...	null	Start	2020-02-10 17:47:...	SSIMHybridDeliveryWestUS2	
I	ReportState		480ad60c-c017-4b86-8d45-35c026bb522b	92105c3b-e45d-4b...		InProgress	2020-02-10 17:47:...	SSIMHybridDeliveryEastUS2	
I	ReportState	Copy	480ad60c-c017-4b86-8d45-35c026bb522b	92105c3b-e45d-4b...	null	Succeeded	2020-02-10 18:56:...	SSIMHybridDeliveryWestUS2	
I	GetState	Copy	480ad60c-c017-4b86-8d45-35c026bb522b	92105c3b-e45d-4b...	DefaultIntegration...	Succeeded	2020-02-10 18:56:...	SSIMHybridDeliveryWestUS2	

Happening to Azure IR.

Cause This is trigger by execution region different as copy region. (Execution used source region) That means execution status is not in the copy region which will use sink region. Then when copy job start, update execution status fail because no execution info and metadata in that region.

We are reporting the status in wrong region, that cause customer see job stuck.

Resolution

The deployment expect by the end of this week. (2/15) Please let me know if you have more question

Workaround

In this case, we can see the sink will be East US2, then set below.

Integration runtime setup

The Data Factory manages the integration runtime in Azure to connect to required data source/destination or external compute in public network. The compute resource is elastic allocated based on performance requirement of activities.

Name *

Description

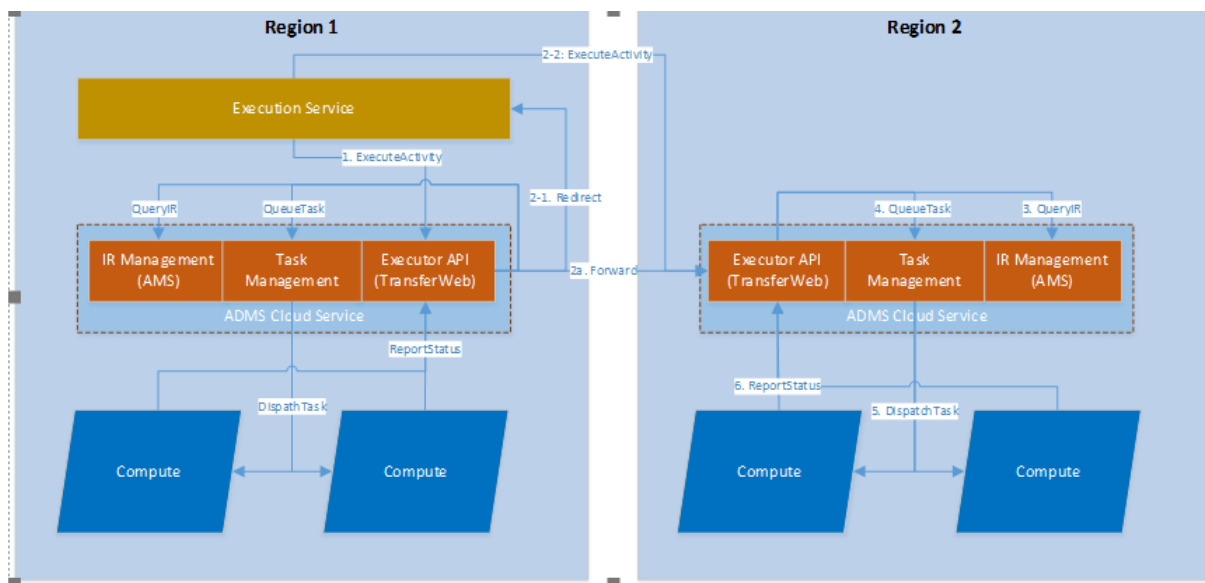
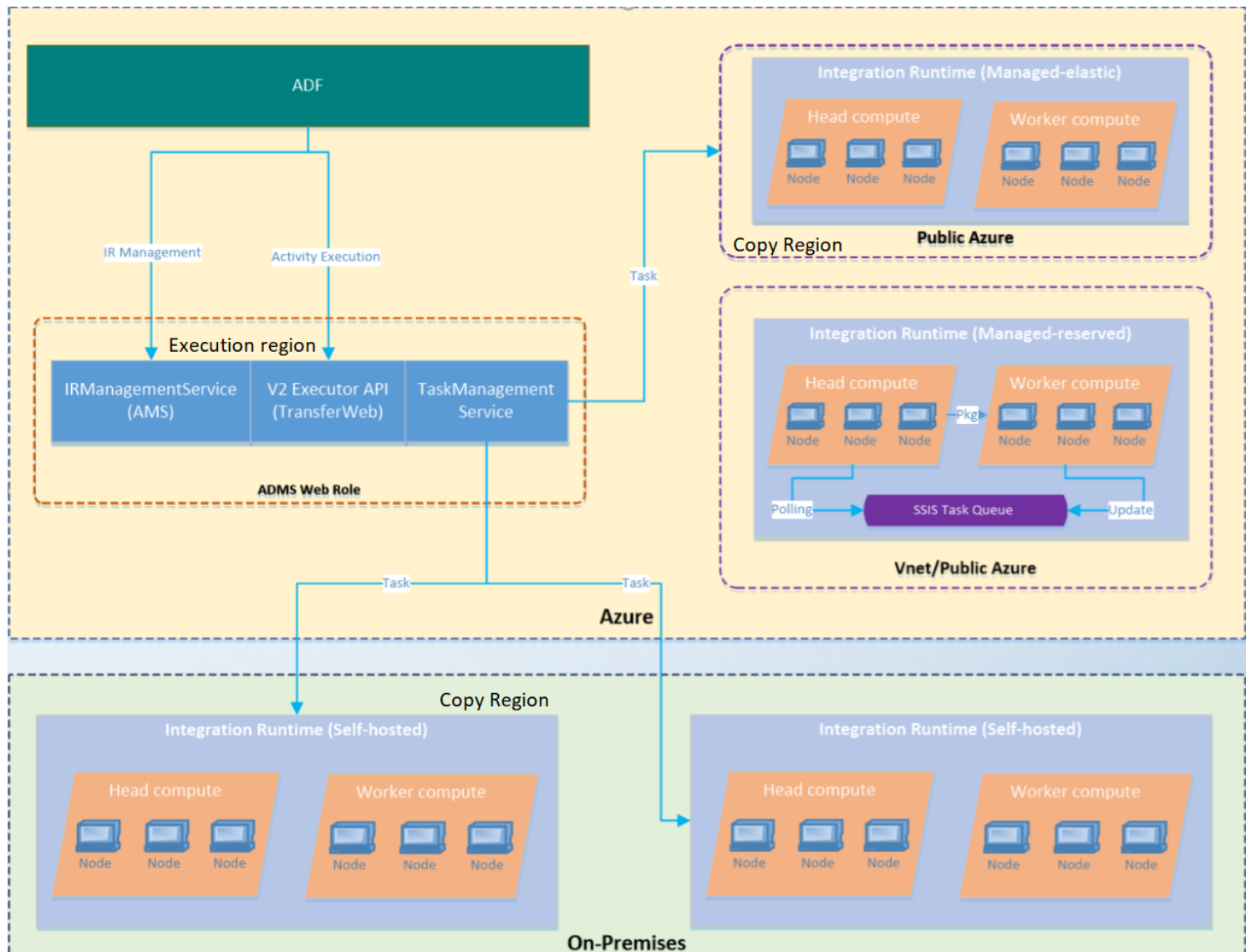
Type

Region *

▸ Data flow run time

More Information:

<https://icm.ad.msft.net/imp/v3/incidents/details/174886682/home> [https://msdata.visualstudio.com/Azure Data Movement/_git/HybridDataLS/commit/5d953b2b67bbb96d0a9f4231407d02a824116c7e/](https://msdata.visualstudio.com/Azure+Data+Movement/_git/HybridDataLS/commit/5d953b2b67bbb96d0a9f4231407d02a824116c7e/).



Layer	Faulty Role	Category	Threshold	Terminable	Kusto Tag
ADF Orchestration	ADF	ADF Not Call ADMS	2h	No	ADF_NotCallAdmsToStartJob
		ADF fail to set complete status to job	2h	No	ADF_FailToCompleteJob
ADF Orchestration <=> ADMS	ADMS or ADF	ADMS fail to push state	30m	Yes	ADF<=>ADMS_FailToPushState
	ADMS	ADF start ADMS job long retry	30m	No	ADF<=>ADMS_StartADMSJobStuck
Within ADMS	Mid-Tier	Fail to set task to ready for pickup	30m	Yes	ADMS_FailToSetTaskReadyToPickup
		Log missing	2h	No	ADMS_SubJobLogMissing
		Not notify ADF	2h	Yes	ADMS_NotNotifvADF,
		Other	2h	No	ADMS_Other
		ADMS<=>Runtime	Runtime fail to get payload	30m	Yes
		Runtime fail to notify Mid-Tier	30m	Yes	ADMS<=>Runtime_FailToCompleteJob
		SHIR job not notify Mid-Tier	2h	Yes	ADMS<=>Runtime_SHIRJobNotNotifyTransferService
		Runtime not notify Mid-Tier	2h	Yes	ADMS<=>Runtime_CloudJobNotNotifyTransferService
	Runtime	Static Data Progress(BinaryCopy)	2h	No	Runtime_KeepReportProgress
		Static Data Progress(Non BinaryCopy)	2h	No	Runtime_KeepReportProgress
		Runtime Process Crash	2h	Yes	Runtime_ProcessCrash
		SHIR job lost heart beat	2h	Yes	Runtime_SHIRJobLostHeartBeat
		Cloud job lost heart beat	2h	Yes	Runtime_CloudJobLostHeartBeat
	SHIR	Not pickup job	2h	No	SHIR_NotPickupTask
		Fail to start job	2h	Yes	SHIR_FailToStartTask
	Azure Batch	Azure Batch	Not pickup job	30m	Yes
		Fail to start job	30m	Yes	AzureBatch_FailToStartTask

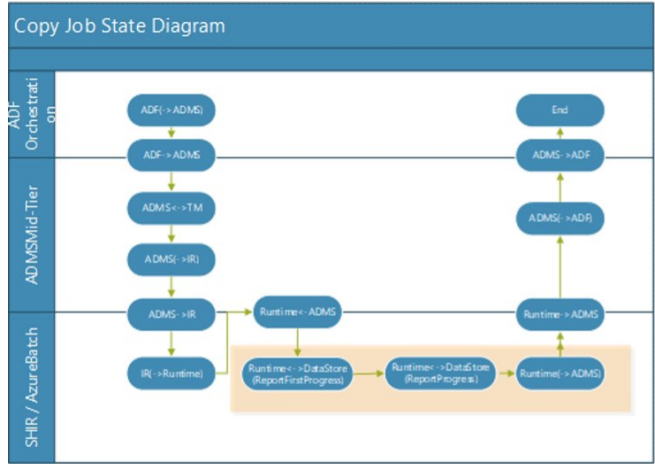


Table	TraceMessage	Message	State	EnterStateTS
ActivityRuns	Status	InProgress	ADF(->ADMS)	AdfStatus.StartTS
ExecutionApiCall	ApiCall	any	ADF->ADMS	ExecutionStatus.StartTS
Details	RequestUrl	*/api/statefulactivityexecutor*/ /execute/	ADF->ADMS	FrontEndExecutionStatus.StartTS
CustomLogEvent	TransferServiceExecutorStart	any	ADMS(->IR)	CustomLogEventStatus.AdfStartAdmsJobSucTS
TaskHostingEvent	JobEntityCreatedInAzureTable	Any	ADMS<->TM	TaskHostingEventStatus.JobMetadataInsertTS
TaskHostingEvent	TaskEntityCreated	Any	ADMS<->TM	TaskHostingEventStatus.TaskInsertTS
TaskHostingEvent	JobCreated	Any	ADMS(->IR)	TaskHostingEventStatus.TaskReadyToPickupTS
TaskHostingEvent	PulledOffNewTask	Any	SHIR(->Runtime)	TaskPullOffStatus.FirstTaskPullOffTS
TaskHostingEvent	KeepAlive	Any		
Details	RequestUrl	Get_Task	Runtime->ADMS	FrontEndAdmsStatus.GetTaskTS
CustomLogEvent	TransferServiceUpdateSubJobProgress	Any	Runtime->DataStore	CustomLogEventStatus.FirstReportProgressTS
TaskHostingEvent	MessageDeleted	Any	Runtime->ADMS	TaskHostingEventStatus.MessageDeleteTS
CustomLogEvent	TransferServiceCompleteTransferJobStartToCompleteTransferTask	Any	Runtime->ADMS	CustomLogEventStatus.StartNotifyMidTierTS
FunctionCallInfo	NotifyWorkflow	Any	ADMS(->ADF)	FunctionCallInfoStatus.SucNotifyMidTierTS
CustomLogEvent	CompleteTransferTaskSuccess	Any	ADMS(->ADF)	
CustomLogEvent	ExecutionPullExecutorProxy	ReportState Start	ADMS->ADF	CustomLogEventStatus.PushStartTS
CustomLogEvent	ExecutionPullExecutorProxy	ReportState Succeeded	End	CustomLogEventStatus.PushSucTS

Training Video

<https://web.microsoftstream.com/video/fd7ea998-1e08-4c3a-be47-8b638bd3ca9f>

Training Documents [Resolve execution region in ADMS.docx](#)

How good have you found this content?

