

[SSIS IR] IR Start stuck in Stopping with VNet

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

[SSIS IR] IR Start stuck in Stopping with VNet

Friday, September 29, 2017
4:42 PM

CSS Feedback	Please leave you feedback if you are using the article to help customers
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SME

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Kusto Query

```
.create-or-alter function with (folder = "Diagnostics/ActivityID", docstring = "Detect SSIS IR stuck in Stopping due to VNetResourceGroupLockedDuringStart", skipvalidation = "true")
Diagnostics_SSISIRStartFailed_VNetResourceGroupLockedDuringStart(ActivityId:string)
{
    let InputActivityId = ActivityId;

    AisManagementTaskTraceEvent
    | where * contains InputActivityId
    | where message contains "VNetResourceGroupLocked"
    | take 1
    | project DetectedIssue = "SSIS IR stuck in Stopping due to VNetResourceGroupLockedDuringStart", TSG = "211004b - [SSIS IR] IR
Start failed with VNet due to AllocationFailed", Info =
    strcat("Kusto Query: AisManagementTaskTraceEvent | where message contains \"VNetResourceGroupLocked\" and * contains
\",InputActivityId)
}
```

Symptoms

Customer might find IR stuck in Stopping status after start IR with Vnet, and in monitoring page, he will find below error:

Error Code: **VNetResourceGroupLockedDuringStart**
Error Message: **We are unable to clean up unneeded resources after failing to start your IR.It could be due to delete lock.Please unlock the resource group containing your VNet and/or remove any reference to the resources created for your IR, and then stop your IR, fix the issues causing the failure, and restart your IR.If there is no delete lock or any reference to the resources created for your IR, retry to restart your IR later.**

Integration Runtimes / JarodARMVnet-UK-IR / Resource Monitor (Details)

Refresh

Edit

Details

Activities

STATUS	TYPE	REGION	NODE SIZE	RUNNING / REQUESTED NODE(S)	SSIS
Stopping	Azure-SSIS	UK South	Standard_D1_v2 1 Core(s), 3584MB	0/1	jarod uk.database.windo... 3

Cause

Possible reason is that customer has delete lock on his resource group of Vnet which block network resources to be deleted

Resolution

1. Confirmed with customer as below

Customer shall not have any delete [resource lock](#) which block any of below resources to be deleted

Microsoft.Network/LoadBalancers

Microsoft.Network/NetworkSecurityGroups

Microsoft.Network/PublicIPAddresses

You can also guide customer to validate via UI

⚠ VNet setting error:

• Please remove lock 'Test' from resource group '/subscriptions/[redacted]'

resourceGroups/[redacted]

Cancel

VNet Validation

← Previous

Update

2. After customer remove the lock, customer can manually Stop IR again via portal











Either from IR list page

Linked Services

Integration Runtimes

+ New

Refresh

Name	Actions	Type	Sub-type	Status	Region
AutoResolveIntegrationRuntime	 	Azure	Public	Running	Auto Resolve
JarodARMVnet-UK-IR	   	Azure-SSIS	---	Stopping	UK South
JarodARMVnet-UK-IR	   	Azure-SSIS	---	Stopped	UK South

Retry stop

Or IR monitoring page

Integration Runtimes / JarodARMVnet-UK-IR / Resource Monitor (Details)

Refresh

Edit

Details

Activities

STATUS

Stopping

TYPE

Azure-SSIS

REGION

UK South

JarodARMVnet-UK-IR

Execute SSIS Package

Start

Stop

Retry stop

Resource ID

/subscriptions/.../resou

Status

There

3. if the issue still persists, we will need to check which batch pool behind Azure-SSIS IR is stuck in deleting and engage Azure Batch supporter for help. Use below kusto query to get the batch pool behind that Azure-SSIS IR.

```
AisManagementTaskTraceEvent
| where * contains "<activity id>"
| where message contains "is not deleted in specified timeout 60 minutes, it could be caused by resource lock or reference"
| project env_time, message
```

You will get pool name from above query. Usually provide pool name to Azure Batch supporter is enough as pool name is global unique for Azure-SSIS IR.

More Information

<https://docs.microsoft.com/en-us/azure/data-factory/join-azure-ssis-integration-runtime-virtual-network>

Created with Microsoft OneNote 2016.

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