

# Package are not executed or hang due to SSISIR is occupied by other executions

Last updated by | Meiyang Li | Nov 14, 2022 at 12:07 AM PST

## SME

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## Symptoms

Customer said their package are not executed or hang, please pick a time slot and query whether SSISIR is busy with other task.

1. Get the maxParallelExecutions from AisManagementTaskTelemetryEvent Kusto table. Or ask customer their SSIS IR configuration of maxParallelExecutions.

```
AisManagementTaskTelemetryEvent
| where dataFactoryName == "DFname" and irName == "irname"
| project env_time, dataFactoryName, irName, taskType, maxParallelExecutions
```

2. If ExecutionCount == maxParallelExecutions, then means SSISIR is occupied by other task on that time slot

```
ManagedIRWorkerNodeKeepAliveEvent
| where DataFactoryName == "DATA-EDP-APP-TST-ADF-AUE" // EDP-General-VNET-SSIS-AUE
| where TIMESTAMP > datetime(2022-11-9 03:22:32.4801243) and TIMESTAMP < datetime(2022-11-11 06:22:32.4801243)
| project TIMESTAMP, NodeId, DataFactoryName, IRName, ExecutionCount
```

3. Find the long running tasks and ask cx to cancel them.

```
AisWorkerTraceEvent
| where dataFactoryName == "DATA-EDP-APP-TST-ADF-AUE" // EDP-General-VNET-SSIS-AUE
| where env_time < datetime(2022-11-11 06:00:32.4801243) and env_time > datetime(2022-11-9 4:20:42)
| where message contains "Heartbeat to send:"
| extend activityId = extract(".*Heartbeat to send: {\"([^\"]+)\", 1, message)
| summarize count() by activityId, env_cloud_roleInstance
```

## Kusto Query

As above

## Keyword

maxParallelExecutions; Package execution hangs

## Cause

SSIS IR is busy or occupied by other long running tasks/activities.

## Resolution

1. Cancel the long running task. Follow above [#3](#) .
2. Increase "Parallel executions per Node".
3. Increase node number.
4. Avoid run long running tasks

## More Information

### Sample cases

120050422000172(186837825)

### How good have you found this content?



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