Capture dumps for Self-hosted IR (diawp.exe)

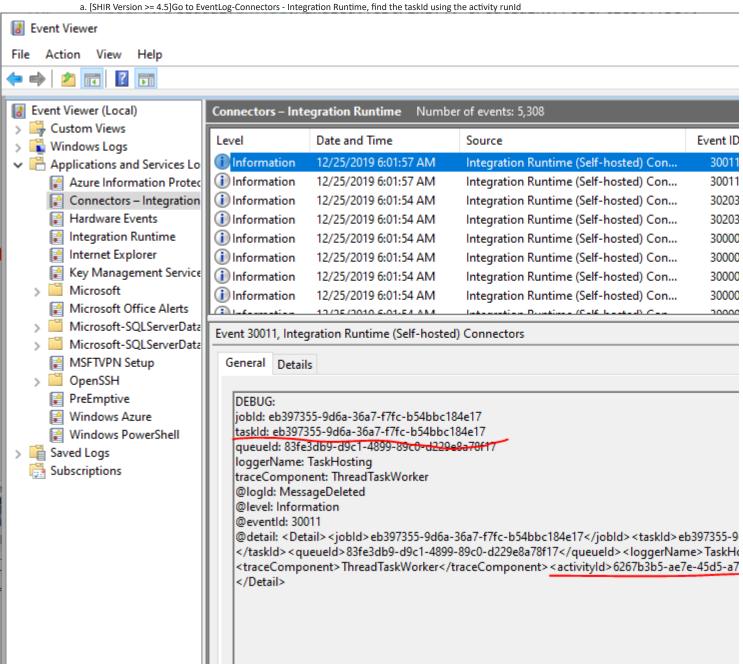Last updated by | David Zeng (SQL) | Jan 20, 2023 at 1:16 AM PST

Capture dumps for Self-hosted IR (diawp.exe)

Wednesday, March 4, 2020
4:46 PM

Sometimes job stuck/hang or invalid in any status, this is a common TSG for how to handle this kind of issues

Steps:

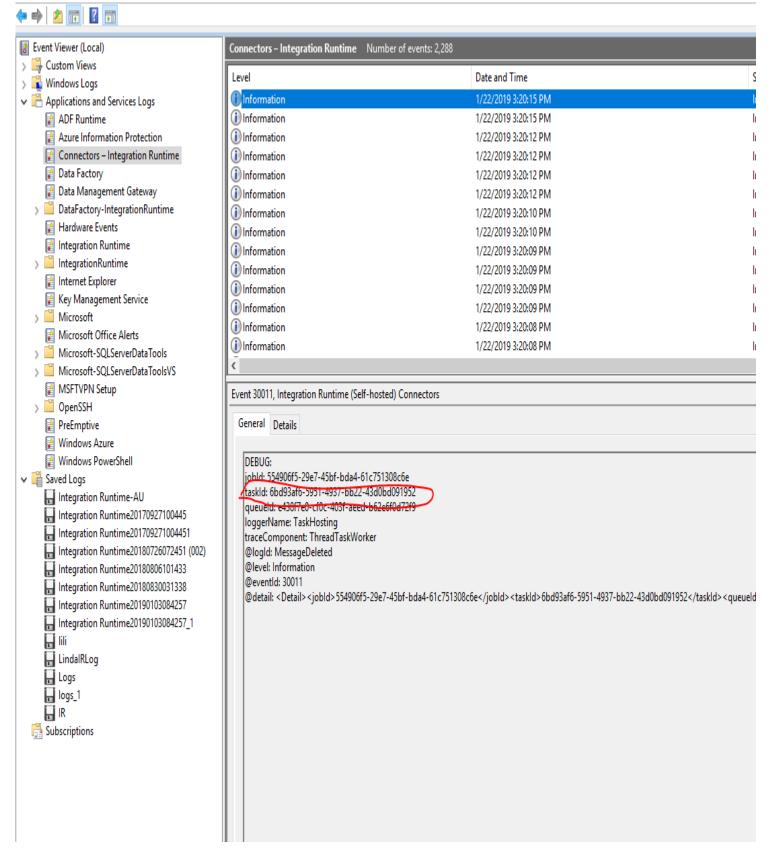1. Find the diawp.exe which is handling the job, create dump for the diawp.exe (If SHIR has multiple nodes, we need to perform below steps on per node until finding the node pr
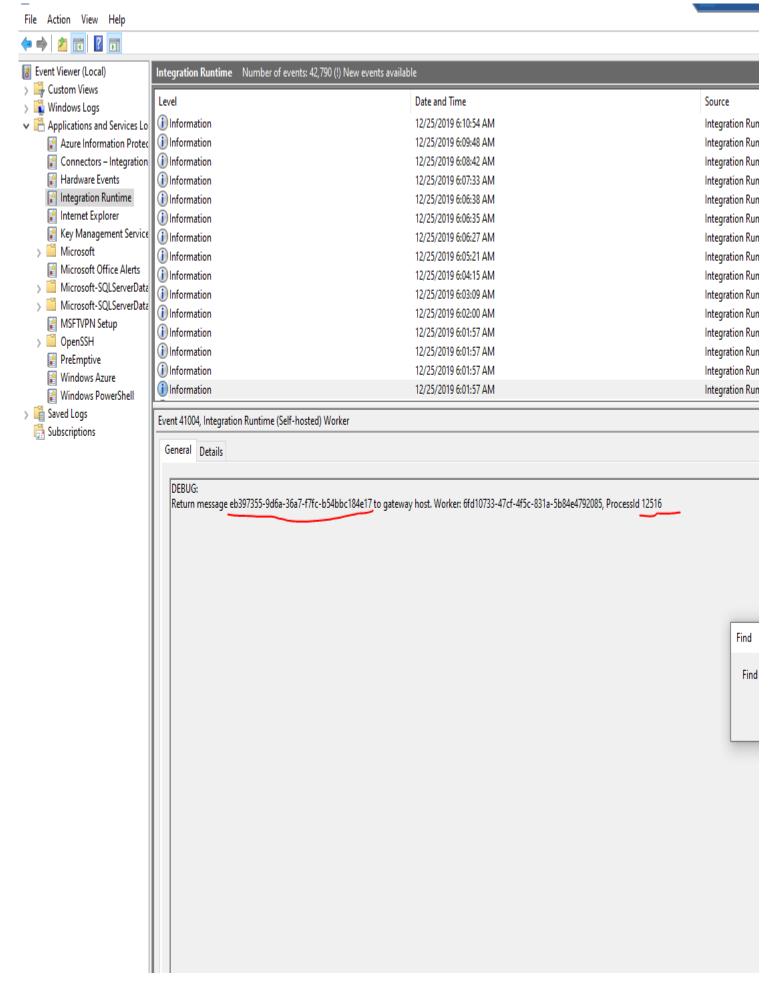   a. [SHIR Version >= 4.5]Go to EventLog-Connectors - Integration Runtime, find the taskId using the activity runId

a. [SHIR Version < 4.5]Go to EventLog-Connectors - Integration Runtime, find the taskId using jobId which you could get from service

Event Viewer

File   Action   View   Help

Event Viewer (Local)

Connectors – Integration Runtime	Number of events: 2,288	

Level	Date and Time	S
Information	1/22/2019 3:20:15 PM	I
Information	1/22/2019 3:20:15 PM	I
Information	1/22/2019 3:20:12 PM	I
Information	1/22/2019 3:20:12 PM	I
Information	1/22/2019 3:20:12 PM	I
Information	1/22/2019 3:20:12 PM	I
Information	1/22/2019 3:20:10 PM	I
Information	1/22/2019 3:20:10 PM	I
Information	1/22/2019 3:20:09 PM	I
Information	1/22/2019 3:20:09 PM	I
Information	1/22/2019 3:20:09 PM	I
Information	1/22/2019 3:20:09 PM	I
Information	1/22/2019 3:20:09 PM	I
Information	1/22/2019 3:20:08 PM	I
Information	1/22/2019 3:20:08 PM	I

Tree items:
- Event Viewer (Local)
  - Custom Views
  - Windows Logs
  - Applications and Services Logs
    - ADF Runtime
    - Azure Information Protection
    - Connectors – Integration Runtime
    - Data Factory
    - Data Management Gateway
    - DataFactory-IntegrationRuntime
    - Hardware Events
    - Integration Runtime
    - IntegrationRuntime
    - Internet Explorer
    - Key Management Service
    - Microsoft
    - Microsoft Office Alerts
    - Microsoft-SQLServerDataTools
    - Microsoft-SQLServerDataToolsVS
    - MSFTVPN Setup
    - OpenSSH
    - PreEmptive
    - Windows Azure
    - Windows PowerShell
  - Saved Logs
    - Integration Runtime-AU
    - Integration Runtime20170927100445
    - Integration Runtime2017092710004451
    - Integration Runtime20180726072451 (002)
    - Integration Runtime20180806101433
    - Integration Runtime20180830031338
    - Integration Runtime20190103084257
    - Integration Runtime20190103084257_1
    - lili
    - LindaIRLog
    - Logs
    - logs_1
    - IR
  - Subscriptions

Event 30011, Integration Runtime (Self-hosted) Connectors

General   Details

```
DEBUG:
jobId: 554906f5-29e7-45bf-bda4-61c751308c6e
taskId: 6bd93af6-5951-4937-bb22-43d0bd091952
queueId: e438f7e0-cf0c-403f-aeed-b62e6f0d72f9
loggerName: TaskHosting
traceComponent: ThreadTaskWorker
@logId: MessageDeleted
@level: Information
@eventId: 30011
@detail: <Detail><jobId>554906f5-29e7-45bf-bda4-61c751308c6e</jobId><taskId>6bd93af6-5951-4937-bb22-43d0bd091952</taskId><queueId
```

a. Go to EventLog-Integration Runtime, find Event ID = 41004 with message id equal to the task Id find in a) step

File   Action   View   Help

Event Viewer (Local)
- Custom Views
- Windows Logs
- Applications and Services Lo
  - Azure Information Protec
  - Connectors – Integration
  - Hardware Events
  - Integration Runtime
  - Internet Explorer
  - Key Management Service
  - Microsoft
  - Microsoft Office Alerts
  - Microsoft-SQLServerData
  - Microsoft-SQLServerData
  - MSFTVPN Setup
  - OpenSSH
  - PreEmptive
  - Windows Azure
  - Windows PowerShell
- Saved Logs
- Subscriptions

Integration Runtime   Number of events: 42,790 (!) New events available

Level	Date and Time	Source
Information	12/25/2019 6:10:54 AM	Integration Run
Information	12/25/2019 6:09:48 AM	Integration Run
Information	12/25/2019 6:08:42 AM	Integration Run
Information	12/25/2019 6:07:33 AM	Integration Run
Information	12/25/2019 6:06:38 AM	Integration Run
Information	12/25/2019 6:06:35 AM	Integration Run
Information	12/25/2019 6:06:27 AM	Integration Run
Information	12/25/2019 6:05:21 AM	Integration Run
Information	12/25/2019 6:04:15 AM	Integration Run
Information	12/25/2019 6:03:09 AM	Integration Run
Information	12/25/2019 6:02:00 AM	Integration Run
Information	12/25/2019 6:01:57 AM	Integration Run
Information	12/25/2019 6:01:57 AM	Integration Run
Information	12/25/2019 6:01:57 AM	Integration Run
Information	12/25/2019 6:01:57 AM	Integration Run

Event 41004, Integration Runtime (Self-hosted) Worker

General   Details

DEBUG:
Return message eb397355-9d6a-36a7-f7fc-b54bbc184e17 to gateway host. Worker: 6fd10733-47cf-4f5c-831a-5b84e4792085, ProcessId 12516

Find

Find

Find the corresponding diawp.exe in task manager, right click the diawp.exe and create dump for it, send to SME to troubleshooting

Created with Microsoft OneNote 2016.

How good have you found this content?