

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 processing the job).
a. [SHIR Version >= 4.5]Go to EventLog-Connectors - Integration Runtime, find the taskid using the activity runid

Event Viewer

File Action View Help

Event Viewer (Local)

- Custom Views
- Windows Logs
- Applications and Services Logs
 - Azure Information Protection
 - Connectors - Integration Runtime**
 - 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

Connectors - Integration Runtime Number of events: 5,308

Level	Date and Time	Source	Event ID
Information	12/25/2019 6:01:57 AM	Integration Runtime (Self-hosted) Con...	30011
Information	12/25/2019 6:01:57 AM	Integration Runtime (Self-hosted) Con...	30011
Information	12/25/2019 6:01:54 AM	Integration Runtime (Self-hosted) Con...	30203
Information	12/25/2019 6:01:54 AM	Integration Runtime (Self-hosted) Con...	30203
Information	12/25/2019 6:01:54 AM	Integration Runtime (Self-hosted) Con...	30000
Information	12/25/2019 6:01:54 AM	Integration Runtime (Self-hosted) Con...	30000
Information	12/25/2019 6:01:54 AM	Integration Runtime (Self-hosted) Con...	30000
Information	12/25/2019 6:01:54 AM	Integration Runtime (Self-hosted) Con...	30000

Event 30011, Integration Runtime (Self-hosted) Connectors

General Details

```

DEBUG:
jobId: eb397355-9d6a-36a7-f7fc-b54bbc184e17
taskId: eb397355-9d6a-36a7-f7fc-b54bbc184e17
queueId: 83fe3db9-d9c1-4899-89c0-d229e8a78f17
loggerName: TaskHosting
traceComponent: ThreadTaskWorker
@logId: MessageDeleted
@level: Information
@eventId: 30011
@detail: <Detail> <jobId> eb397355-9d6a-36a7-f7fc-b54bbc184e17 </jobId> <taskId> eb397355-9
</taskId> <queueId> 83fe3db9-d9c1-4899-89c0-d229e8a78f17 </queueId> <loggerName> TaskH
<traceComponent> ThreadTaskWorker </traceComponent> <activityId> 6267b3b5-ae7e-45d5-a7
</Detail>
  
```

- 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)
- Custom Views
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 - 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 Runtime201709271004451
 - Integration Runtime20180726072451 (002)
 - Integration Runtime20180806101433
 - Integration Runtime20180830031338
 - Integration Runtime20190103084257
 - Integration Runtime20190103084257_1
 - lili
 - LindaIRLog
 - Logs
 - logs_1
 - IR
 - Subscriptions

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 3:20:08 PM	I
Information	1/22/2019 3:20:08 PM	I

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



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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

Task Manager

File Options View

Processes Performance App history Startup Users Details Services

Name	PID	Status	User name	CPU	Memory (a...	Command lir
conhost.exe	33780	Running	ligeng	00	136 K	\\?\C:\WINDC
conhost.exe	30020	Running	ligeng	00	684 K	\\?\C:\WINDC
csrss.exe	796	Running	SYSTEM	00	664 K	
csrss.exe	936	Running	SYSTEM	00	952 K	
ctfmon.exe	30972	Running	ligeng	00	14,968 K	"ctfmon.exe"
dasHost.exe	6936	Running	LOCAL SE...	00	64 K	dashost.exe {:
devenv.exe	7956	Running	ligeng	01	43,540 K	"C:\Program
devenv.exe	12108	Running	ligeng	00	180,496 K	"C:\Program
devenv.exe	6308	Running	ligeng	01	353,512 K	"C:\Program
devenv.exe	20204	Running	ligeng	00	613,364 K	"C:\Program
devenv.exe	4900	Running	ligeng	00	43,760 K	"C:\Program
devenv.exe	21324	Running	ligeng	00	66,732 K	"C:\Program
devenv.exe	25240	Running	ligeng	01	1,053,472 K	"C:\Program
diaHost.exe	9108	Running	DIAHostSe...	00	50,752 K	"C:\Program
diawp.exe	18576	Running	DIAHostSe...	00	43,108 K	"C:\Program
diawp.exe	1488	Running	DIAHostSe...	00	38,488 K	"C:\Program
dllhost.exe	11828	Running	ligeng	00	612 K	C:\WINDOW\$

Created with Microsoft OneNote 2016.

How good have you found this content?

