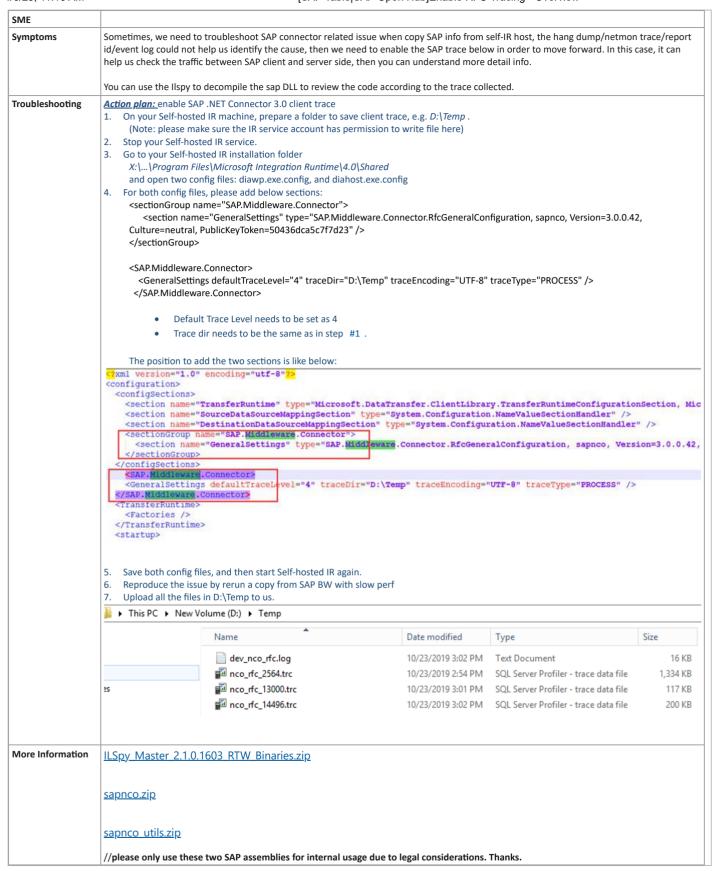# [SAP Table|SAP Open Hub]Enable RFC Tracing

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:23 PM PST

201080- [SAP Table/SAP Open Hub]Enable RFC Tracing

Wednesday, October 23, 2019
16:05

SME	
Symptoms	Sometimes, we need to troubleshoot SAP connector related issue when copy SAP info from self-IR host, the hang dump/netmon trace/report id/event log could not help us identify the cause, then we need to enable the SAP trace below in order to move forward. In this case, it can help us check the traffic between SAP client and server side, then you can understand more detail info. You can use the Ilspy to decompile the sap DLL to review the code according to the trace collected.

Troubleshooting	*Action plan:* enable SAP .NET Connector 3.0 client trace
	1. On your Self-hosted IR machine, prepare a folder to save client trace, e.g. *D:\Temp* .
	   (Note: please make sure the IR service account has permission to write file here)
	2. Stop your Self-hosted IR service.
	3. Go to your Self-hosted IR installation folder
	   X:\…\Program Files\Microsoft Integration Runtime\4.0\Shared
	   and open two config files: diawp.exe.config, and diahost.exe.config
	4. For both config files, please add below sections:
	   `<sectionGroup name="SAP.Middleware.Connector">`
	   `    <section name="GeneralSettings" type="SAP.Middleware.Connector.RfcGeneralConfiguration, sapnco, Version=3.0.0.42, Culture=neutral, PublicKeyToken=50436dca5c7f7d23" />`
	   `</sectionGroup>`
	
	   `<SAP.Middleware.Connector>`
	   `  <GeneralSettings defaultTraceLevel="4" traceDir="D:\Temp" traceEncoding="UTF-8" traceType="PROCESS" />`
	   `</SAP.Middleware.Connector>`
	
	   • Default Trace Level needs to be set as 4
	   • Trace dir needs to be the same as in step #1 .
	
	   The position to add the two sections is like below:
	
	5. Save both config files, and then start Self-hosted IR again.
	6. Reproduce the issue by rerun a copy from SAP BW with slow perf
	7. Upload all the files in D:\Temp to us.

More Information	ILSpy_Master_2.1.0.1603_RTW_Binaries.zip sapnco.zip sapnco_utils.zip //**please only use these two SAP assemblies for internal usage due to legal considerations. Thanks.**

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How good have you found this content?