2169881 - How to trace background job using ST12

Version	4	Туре	SAP Knowledge Base Article
Language	Anglais	Master Language	Anglais
Release Status	Released to Customer	Category	How To
Component	SV-PERF-DB-ORA (Oracle related performance issues)	Released On	17.10.2018

Please find the original document at https://launchpad.support.sap.com/#/notes/2169881

Symptom

You wish to trace a performance issue for a background job.

Resolution

 You can schedule background job performance trace as illustrated below(menu path 'Utilities' → 'Schedule trace' → 'For Batchjob or workprocesses'), ensuring that the flags for SQL, Enqueue and RFC has been selected:

Utilities Edit Goto	es es es es es ex es ex				
Exit <unknow< td=""><td>n)+F3 ABAP trace.</td></unknow<>	n)+F3 ABAP trace.				
Trace & collect					
Traces on,	/off Collect ext. traces Statistical repords				
Trace for Comment Server Username	User Tasks & HTTP Workprocess Current mode				
✓ ABAP trace Øptions Particular units Further opt. Particular units					
Filter for program/part	Vivith internal tables				

2. Specify the job in the next screen and schedule the trace for every hour.

Single transaction analysis: Schedule trace for jobs or workprocess			
1			
Schedule trace			
📾 for Background job 😻 for Workprocess			
, bb pame			
User name *			
2) Please specify the job in the			
ABAP program name: * next screen.			
Step variant name:			
Trace timeframe 3) Please schedule the trace for every hour. from 20.10.2011 to 21.0.2011 © 16:55:20 0 16:55:20 Trace duration max. 3.600 se conds Trace start delay se conds Check interval 60,00 se conds Comment			
K Schedule trace			
Trace demons Master trace demon not active 4) Click here to schedule trace. art			
Scheduled trace requests T Stop trace/delete request			
Status Trace for Time re Che			
5) If it has been scheduled, you will see an entry here.			

3. In case the trace file is too big and the previous trace may be overwritten, then you can extend trace file from ST01. Please execute "admin" in ST01 as following:



4. In the Parameters for SAP Trace, increase the 'Maximum File Size' as shown below;

-		
Parameters for SA	P Trace	Change it to 100MB to
🕗 🖶 😃 🗓 Online Documer	ntation	make sure there is no trace to be overwritten.
Current Parameter Settings		
Maximum File Size	(rstr/max_filesize	e_MB <mark>16 </mark> MB
Current Number of Trace File:	5	10 Ghange
Trace Files: Max. Number	(rstr/max	_files) 10 🗋 Create
Stack Depth	(rstr/stac	ksize) 10
Maximum Lock Duration	(rstr/max_loc	sk_try) 500 ms
Buffer Size	(rstr/buffer_siz	e_kB) 200 KB (204.800 B)
Conv Trace (rs	tr/accept_remote_t	trace)

5. This will make the maximum size of the trace up to 100MB, and it is recommended to reset this operation after you getting necessary trace files.

Other Components

Component	Description
SV-PERF-DB-IBM	IBM related performance issues
SV-BO	Backoffice Service Delivery