Trace Analysis

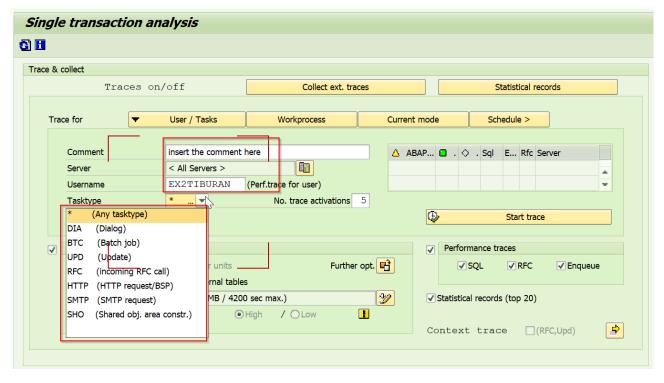
Both ST12 and STAD provide very detailed performance traces, to be used only for short moments to analyze specific issues on a single user.

Generally you ask the user or the functional to setup a test case to trace.

- **ST12** needs explicit activation and deactivation after the test case.
- **STAD** doesn't require activation but it is less detailed and more difficult to use, no persistency for old data (48h retention).

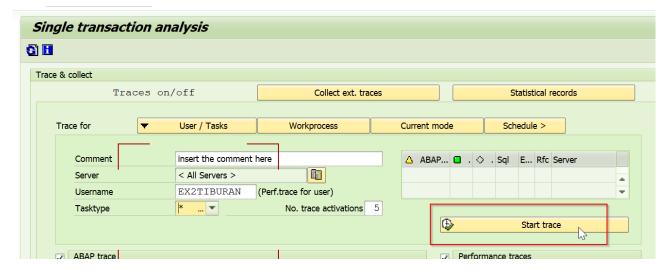
ST12

The most common set up for ST12 transaction is the following:

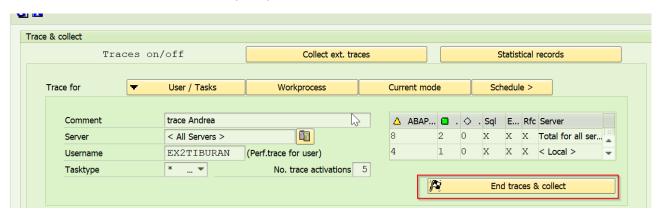


- Insert a comment
- Trace all the servers, otherwise select the server you want to trace
- Select the username
- Select the tasktype you have to trace (if you don't know, select "Any tasktype")

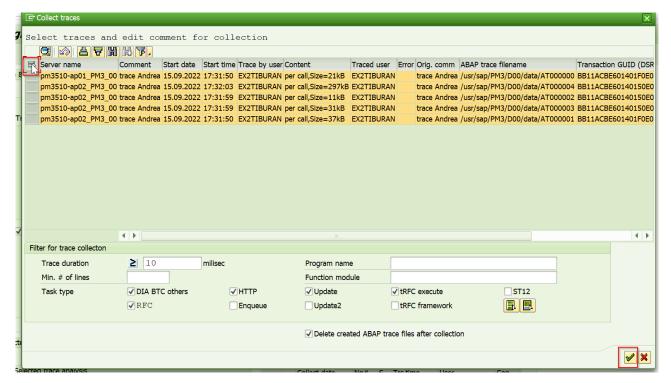
Start the Trace



When the user has finished the activity, stop the trace.

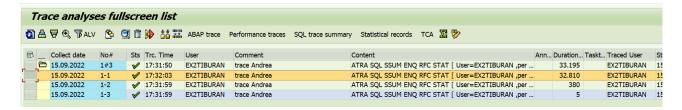


Select all the servers and continue:





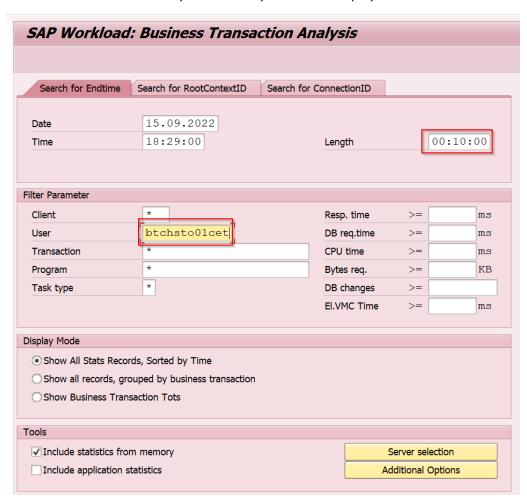
Select the row and choose the trace you want to display (ABAP/Performance/SQL)



STAD

If we want to display the last minutes user activities, we can use TX STAD.

Select the user and how many minutes do you want to display:



The last activities of the user are displayed.

SAP Workload: Single Statistical Records - Overview Download 🕄 🗗 🖈 🔻 👅 Disp. mode 🔠 Sel. fields 💥 Server ID 🚳 System: PEP Number of RFCs which responded (without errors): 12 (12) Analysed time: 15.09.2022 / 18:29:00 - 15.09.2022 / 18:39:00 Display mode: All statistic records, sorted by time

Started	Server	Transaction	Program	T Sc	r. Wp	User	Response time (ms)	Time in WPs (ms)	V
		*	*	*		BTCHSTO01CET	0		
8:29:02	pep510-ap13 PEP		RSBTCRTE	В	74	BTCHSTO01CET	31	31	Ī
8:29:02	pep510-ap13 PEP	_	RSBTCRTE	В	71	BTCHSTO01CET	34	34	
8:29:02	pep510-ap13_PEP		YRIWM_AW_ES	В	74	BTCHSTO01CET	1.243	1.243	1
8:29:02	pep510-ap13_PEP		ZRPSE_COLLECT_BATCHES	В	71	BTCHSTO01CET	204	204	
8:29:08	pep510-ap13 PEP		RSBTCRTE	В	78	BTCHSTO01CET	33	33	1
8:29:08	pep510-ap13 PEP		RSEOUT00	В	78	BTCHSTO01CET	27	27	1
8:29:17	pep510-ap23_PEP		RSBTCRTE	В	77	BTCHSTO01CET	32	32	1
8:29:17	pep510-ap23_PEP	_	RSNAST00	В	77	BTCHSTO01CET		66	1
8:29:21	pep510-ap23_PEP		RSBTCRTE	В	77	BTCHSTO01CET	35	35	1
8:29:21	pep510-ap23_PEP		RSEOUT00	В	77	BTCHSTO01CET	32	32	1
8:29:24	pep510-ap23 PEP		RSBTCRTE	В	77	BTCHSTO01CET	38	38	1
	pep510-ap23_PEP		RSNAST00	В	77	BTCHSTO01CET	120	120	1
8:29:36	pep510-ap21_PEP		RSBTCRTE	В	76	BTCHSTO01CET	40	40	
8:29:36	pep510-ap21_PEP		RLAUTA10	В	76	BTCHSTO01CET		45	1
8:29:36	pep510-ap21_PEP		SD70AV2A	В	76	BTCHSTO01CET	74	74	
8:29:36	pep510-ap21_PEP		SD70AV2A	В	76	BTCHSTO01CET	74	74	1
8:29:36	pep510-ap21 PEP		SD70AV2A	В	76	BTCHSTO01CET	69	69	1
8:29:36	pep510-ap21 PEP		SD70AV2A	В	76	BTCHSTO01CET	60	60	1
	pep510-ap21_PEP		SD70AV2A	В	76	BTCHSTO01CET		80	
	pep510-ap21_PEP		SD70AV2A	В	76	BTCHSTO01CET	56	56	ı
8:29:36	pep510-ap21_PEP		SD70AV2A	В	76	BTCHSTO01CET		63	1
8:29:36	nen510-an21 PEP		YROTC TESEXPORT DE	В	76	BTCHSTO01CET	5.077	5.077	