



- ① INI-REQ:
- ② REQ-ASS: `prepare_conn_request(): srv_redispatch_connect() == 0`
- ③ ASS-CON: `ssui(): connect_server() == SN_ERR_NONE`
- ④ CON-EST: `sess_update_st_con_tcp(): !timeout && !conn_err`
- ⑤ EST-DIS: `stream_sock_read/write/shutr/shutw: close`
`EST-DIS: process_session(): error`
- ⑥ REQ-QUE: `prepare_conn_request(): srv_redispatch_connect() != 0 (SI_ST_QUE)`
- ⑦ QUE-REQ: `ssui(): !pend_pos && SN_ASSIGNED`
- ⑧ QUE-REQ: `ssui(): !pend_pos && !SN_ASSIGNED`
- ⑨ ASS-REQ: `connect_server: conn_retries == 0 && PR_O_REDISP`
- ⑩ CER-ASS: `sess_update_st_cer(): timeout && (conn_retries >= 0 || !PR_O_REDISP)`
- ⑪ CER-TAR: `sess_update_st_cer(): conn_err && conn_retries >= 0`
- ⑫ TAR-ASS: `ssui(): SI_FL_EXP && SN_ASSIGNED`
- ⑬ TAR-REQ: `ssui(): SI_FL_EXP && !SN_ASSIGNED`
- ⑭ CER-REQ: `sess_update_st_cer(): timeout && !conn_retries && PR_O_REDISP`
- ⑮ REQ-CLO: `prepare_conn_request(): srv_redispatch_connect() != 0 (error)`
- ⑯ QUE-CLO: `ssui(): pend_pos && (SI_FL_EXP || req_aborted)`
- ⑰ ASS-CLO: `ssui(): connect_server() == SN_ERR_INTERNAL || conn_retries < 0`
`ASS-CLO: PR_O_REDISP && SN_REDIRECTABLE && perform_http_redirect()`
- ⑱ CON-CER: `sess_update_st_con_tcp(): timeout/SI_FL_ERR`
- ⑲ CER-CLO: `sess_update_st_cer(): (ERR/EXP) && conn_retries < 0`
- ⑳ DIS-CLO: `process_session(): cleanup`
- ㉑ TAR-CLO: `sess_update_stream_int(): client abort`
- ㉒ CON-DIS: `sess_update_st_con_tcp(): client abort`

state	INI	REQ	QUE	TAR	ASS	CON	CER	EST	DIS	CLO
fd	-	-	-	-	-	√	-	√	-	-
ERR	0	X	0	X	X	X	X	X	X	X
EXP	0	X	0	0	X	X	X	X	X	X
sess	-	-	-	-	-	√	-	√	√	-

Note: states painted yellow above are transient ; process_session() will never leave a stream interface in any of those upon return.