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In case rebootless fencing fails, the evicted node will be rebooted. This note lists common causes of rebootless fencing failure.  **Details**  1. Resources fails to stop.      If one or more resources fail to stop, rebootless fencing will fail and node will be rebooted.  In this case, rebootless fencing fails on node2 after network split brain and node 2 is rebooted as expected:   * <GI\_HOME>/log/<node>/alert<node>.log from evicted node:   ..   2012-09-11 12:04:34.363  [cssd(18834)]CRS-1610:Network communication with node racnode1 (1) missing for 90% of timeout interval.  Removal of this node from cluster in 2.020 seconds  2012-09-11 12:04:36.379  [cssd(18834)]CRS-1609:This node is unable to communicate with other nodes in the cluster and is going down to preserve cluster integrity; details at (:CSSNM00008:) in /ocw/grid/log/racnode2/cssd/ocssd.log.  2012-09-11 12:04:36.379  [cssd(18834)]CRS-1656:The CSS daemon is terminating due to a fatal error; Details at (:CSSSC00012:) in /ocw/grid/log/racnode2/cssd/ocssd.log  2012-09-11 12:04:36.399  [cssd(18834)]CRS-1652:Starting clean up of CRSD resources.  2012-09-11 12:04:36.586  [crsd(26115)]CRS-5833:Cleaning resource 'zDRMON.sh.racnode2 1 1' failed as part of reboot-less node fencing  2012-09-11 12:04:36.588  [cssd(18834)]**CRS-1653:The clean up of the CRSD resources failed**.                    **##>> user resource fails to be cleaned  2012-09-11 12:04:37.042  [ohasd(16821)]CRS-2765:Resource 'ora.evmd' has failed on server 'racnode2'.  2012-09-11 12:04:37.052  [/ocw/grid/bin/scriptagent.bin(27696)]CRS-5822:Agent '/ocw/grid/bin/scriptagent\_oracle' disconnected from server. Details at (:CRSAGF00117:) {0:4:10} in /ocw/grid/log/racnode2/agent/crsd/scriptagent\_oracle/scriptagent\_oracle.log.  2012-09-11 12:04:37**.062  [ohasd(16821)]CRS-2765:Resource 'ora.crsd' has failed on server 'racnode2'.                 **##>> node rebooted after this message, in some cases, this message won't be there  2012-09-11 12:10:47**.356  [ohasd(16677)]CRS-2112:The OLR service started on node racnode2.  2012-09-11 12:10:47.521  [ohasd(16677)]CRS-1301:Oracle High Availability Service started on node racnode2.  2012-09-11 12:10:47.539  [ohasd(16677)]CRS-8011:reboot advisory message from host: racnode2, component: **cssagent**, with time stamp: L-2012-09-11-12:04:37.140      **##>> reboot advisory shows both cssdagent and cssdmonitor took the action to reboot  [ohasd(16677)]CRS-8013:reboot advisory message text: clsnomon\_status: need to reboot, unexpected failure 8 received from CSS  2012-09-11 12:10:47.594  [ohasd(16677)]CRS-8011:reboot advisory message from host: racnode2, component: cssmonit, with time stamp: L-2012-09-11-12:04:37.139  [ohasd(16677)]CRS-8013:reboot advisory message text: clsnomon\_status: need to reboot, unexpected failure 8 received from CSS  2012-09-11 12:10:47.605  [ohasd(16677)]CRS-8017:location: /etc/oracle/lastgasp has 2 reboot advisory log files, 2 were announced and 0 errors occurred**  When resource fails to stop, cssdagent or cssdmonitor or both will try to reboot the node, below is sample log.     * <GI\_HOME>/agent/ohasd/oracssdmonitor\_root/oracssdmonitor\_root.log   2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: got posted  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: shutdown initiated by CSS, requested to sync  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnwork\_queue: posting worker thread  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: exiting check loop  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: got HB signal  2012-09-11 12:04:36.400: [ USRTHRD][1097382208] clsnwork\_process\_work: calling sync  2012-09-11 12:04:36.413: [ USRTHRD][1097382208] clsnwork\_process\_work: sync completed  2012-09-11 12:04:37.035: [ CSSCLNT][1095805248]clsssRecvMsg: got a disconnect from the server while waiting for message type 22  2012-09-11 12:04:37.035: [ CSSCLNT][1098959168]clsssRecvMsg: got a disconnect from the server while waiting for message type 27  2012-09-11 12:04:37.035: [ USRTHRD][1095805248] clsnwork\_queue: posting worker thread  2012-09-11 12:04:37.035: [ USRTHRD][1095805248] clsnpollmsg\_main: exiting check loop  2012-09-11 12:04:37.035: [GIPCXCPT][1098959168]gipcInternalSend: connection not valid for send operation endp 0x8e3e60 [00000000000001b7] { gipcEndpoint : localAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=)(GIPCID=3165a05b-7e7139a5-18801))', remoteAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=OCSSD\_LL\_racnode2\_)(GIPCID=7e7139a5-3165a05b-18834))', numPend 0, numReady 0, numDone 0, numDead 0, numTransfer 0, objFlags 0x0, pidPeer 18834, flags 0x3861e, usrFlags 0x20010 }, ret gipcretConnectionLost (12)  2012-09-11 12:04:37.035: [ USRTHRD][1097382208] clsnwork\_process\_work: calling sync  2012-09-11 12:04:37.035: [ CSSCLNT][1077418304]clsssRecvMsg: got a disconnect from the server while waiting for message type 1  2012-09-11 12:04:37.036: [ CSSCLNT][1077418304]clssgsGroupGetStatus:  communications failed (0/3/-1)  2012-09-11 12:04:37.036: [ CSSCLNT][1077418304]clssgsGroupGetStatus: returning 8  2012-09-11 12:04:37.036: [ USRTHRD][1077418304] clsnomon\_status: Communications failure with CSS detected. Waiting for sync to complete...  2012-09-11 12:04:37.036: [GIPCXCPT][1098959168]gipcSendSyncF [clsssServerRPC : clsss.c : 6272]: EXCEPTION[ ret gipcretConnectionLost (12) ]  failed to send on endp 0x8e3e60 [00000000000001b7] { gipcEndpoint : localAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=)(GIPCID=3165a05b-7e7139a5-18801))', remoteAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=OCSSD\_LL\_racnode2\_)(GIPCID=7e7139a5-3165a05b-18834))', numPend 0, numReady 0, numDone 0, numDead 0, numTransfer 0, objFlags 0x0, pidPeer 18834, flags 0x3861e, usrFlags 0x20010 }, addr 0000000000000000, buf 0x4180bd80, len 80, flags 0x8000000  2012-09-11 12:04:37.036: [ CSSCLNT][1098959168]clsssServerRPC: send failed with err 12, msg type 7  2012-09-11 12:04:37.036: [ CSSCLNT][1098959168]clsssCommonClientExit: RPC failure, rc 3  2012-09-11 12:04:37.139: [ USRTHRD][1097382208] clsnwork\_process\_work: sync completed  2012-09-11 12:04:37.139: [ USRTHRD][1097382208] clsnSyncComplete: posting omon     * <GI\_HOME>/agent/ohasd/oracssdagent\_root/oracssdagent\_root.log   2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: got posted  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: shutdown initiated by CSS, requested to sync  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnwork\_queue: posting worker thread  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: exiting check loop  2012-09-11 12:04:36.400: [ USRTHRD][1095805248] clsnpollmsg\_main: got HB signal  2012-09-11 12:04:36.400: [ USRTHRD][1097382208] clsnwork\_process\_work: calling sync  2012-09-11 12:04:36.413: [ USRTHRD][1097382208] clsnwork\_process\_work: sync completed  2012-09-11 12:04:37.035: [ CSSCLNT][1098959168]clsssRecvMsg: got a disconnect from the server while waiting for message type 27  2012-09-11 12:04:37.035: [ CSSCLNT][1095805248]clsssRecvMsg: got a disconnect from the server while waiting for message type 22  2012-09-11 12:04:37.035: [GIPCXCPT][1098959168]gipcInternalSend: connection not valid for send operation endp 0x2aaab4014900 [00000000000001c0] { gipcEndpoint : localAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=)(GIPCID=561e3f6b-a0a3602e-18817))', remoteAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=OCSSD\_LL\_racnode2\_)(GIPCID=a0a3602e-561e3f6b-18834))', numPend 0, numReady 0, numDone 0, numDead 0, numTransfer 0, objFlags 0x0, pidPeer 18834, flags 0x3861e, usrFlags 0x20010 }, ret gipcretConnectionLost (12)  2012-09-11 12:04:37.035: [ USRTHRD][1095805248] clsnwork\_queue: posting worker thread  2012-09-11 12:04:37.035: [ USRTHRD][1095805248] clsnpollmsg\_main: exiting check loop  2012-09-11 12:04:37.035: [GIPCXCPT][1098959168]gipcSendSyncF [clsssServerRPC : clsss.c : 6272]: EXCEPTION[ ret gipcretConnectionLost (12) ]  failed to send on endp 0x2aaab4014900 [00000000000001c0] { gipcEndpoint : localAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=)(GIPCID=561e3f6b-a0a3602e-18817))', remoteAddr 'clsc://(ADDRESS=(PROTOCOL=ipc)(KEY=OCSSD\_LL\_racnode2\_)(GIPCID=a0a3602e-561e3f6b-18834))', numPend 0, numReady 0, numDone 0, numDead 0, numTransfer 0, objFlags 0x0, pidPeer 18834, flags 0x3861e, usrFlags 0x20010 }, addr 0000000000000000, buf 0x4180bd80, len 80, flags 0x8000000  2012-09-11 12:04:37.035: [ CSSCLNT][1098959168]clsssServerRPC: send failed with err 12, msg type 7  2012-09-11 12:04:37.035: [ CSSCLNT][1098959168]clsssCommonClientExit: RPC failure, rc 3  2012-09-11 12:04:37.036: [ CSSCLNT][1077418304]clsssRecvMsg: got a disconnect from the server while waiting for message type 1  2012-09-11 12:04:37.036: [ CSSCLNT][1077418304]clssgsGroupGetStatus:  communications failed (0/3/-1)  2012-09-11 12:04:37.036: [ CSSCLNT][1077418304]clssgsGroupGetStatus: returning 8  2012-09-11 12:04:37.036: [ USRTHRD][1077418304] clsnomon\_status: Communications failure with CSS detected. Waiting for sync to complete...  2012-09-11 12:04:37.036: [ USRTHRD][1097382208] clsnwork\_process\_work: calling sync  As CRSD resources (user resources) failed to stop, crsd.log can be a starting point for further debugging. | | |