

Enduro/X Core - Bug #105

ORA-01591: lock held by in-doubt distributed transaction 1.8.49044

03/23/2017 03:00 PM - Pablo

Status:	Closed	Start date:	03/23/2017
Priority:	Normal (Code 4)	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Description			
Getting this error in my server. I've attached xa folder contents with information on transaction that has hanged.			

History

#1 - 03/23/2017 03:47 PM - Madars

- Project changed from endurox-go to Enduro/X Core

#2 - 03/24/2017 07:03 AM - Madars

1490185291614:l:1:1:11:90:1
1490185291615:S:40

Transaction log file info:
first line:

```
0580 /* Read first time stamp */
0581 TOKEN_READ("info", "tstamp");
0582 p_tl->t_start = atol(p);
0583
0584 /* read tmrmid, tmnodeid, tmsrvid = ignore, but they must be in place! */
0585 TOKEN_READ("info", "cmdid");
0586 /* Basically we ignore these values, and read from current process!!! */
0587 TOKEN_READ("info", "tmrmid");
0588 TOKEN_READ("info", "tmnodeid");
0589 TOKEN_READ("info", "tmsrvid");
0590 p_tl->tmrmid = G_atmi_env.xa_rmid;
0591 p_tl->tmnodeid = tpgetnodeid();
0592 p_tl->tmsrvid = G_server_conf.srv_id;
0593
0594 TOKEN_READ("info", "txtout");
0595 p_tl->txtout = atol(p);
0596
0597 /* Read involved resrouce managers - put them in join state */
0598 TOKEN_READ("info", "rmsbuf");
```

- So RMS buffer says which Resource managers are involved, and for current sample it is "1".

Second line:

1490185291615:S:40

- Says that transaction is preparing (stage 40)

So to fix this issue, TM will just to make transaction abort at prepare stage when tmsrv is reboot. Because there is no way caller will get back the response and it is just preparing, thus abort...

#3 - 03/24/2017 09:05 AM - Madars

Fixed in: <http://www.endurox.org/projects/endurox/repository/revisions/3b6d0df7eff1caab35fa9f681239a1c01793e8fb/diff>
Fix will be released in 3.5.2 version.

#4 - 03/24/2017 09:06 AM - Madars

- Status changed from New to Resolved
- % Done changed from 0 to 100

#5 - 03/24/2017 09:06 AM - Madars

- Status changed from Resolved to Closed

Files

xa.tar.gz	326 Bytes	03/23/2017	Pablo
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