

Enduro/X Core - Support #502

solaris 11 x86 test case test038_tnotify fail

01/13/2020 10:31 PM - Madars

Status:	Closed	Start date:	01/13/2020
Priority:	Normal (Code 4)	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:			
Description			

History

#1 - 01/22/2020 01:06 PM - Madars

Seems we got deadlock:

```
000.011|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033167:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.019|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033186:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.081|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033267:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.019|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033286:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.081|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033367:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.019|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033386:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.081|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033467:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.019|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033486:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.082|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033568:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.018|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033586:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.082|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033668:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.018|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033686:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.082|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033768:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.019|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033787:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.081|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033868:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.019|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033887:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.081|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130033968:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 1, max: 9999
000.019|dge-dom2.3.log|NDRX:3:ad5a7960:16859:00000006:003:20200113:130033987:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 2, max: 9999
000.081|dge-dom1.4.log|NDRX:3:ad5a7960:16784:00000004:004:20200113:130034068:et_send_sync:/exnet.c:0207:Socket full: Resource temporarily unavailable - retry, time spent: 2, max: 9999
```

Node 1 & node 2 tries to send, but socket is full. It could be possible that all threads were busy with send, thus there is no thread available for receive.

The solution would be to split thread pool between send & receive threads.

#2 - 01/22/2020 09:51 PM - Madars

<https://github.com/endurox-dev/endurox/commit/8262125fe6ca3874c847db49d68258448e33c30c>

#3 - 03/12/2020 01:18 PM - Madars

- Status changed from New to Resolved

- % Done changed from 0 to 100

#4 - 03/12/2020 01:20 PM - Madars

- Status changed from Resolved to Closed

Files

test038_tpnotify.tar.gz	12.4 MB	01/13/2020	Madars
-------------------------	---------	------------	--------