

OFA EWG Meeting – 10/28/2013

Attendees

First	Last	Company	09/16/13	09/30/13	10/14/13	10/28/13
Steve	Wise	Chelsio		X		
Pradeep	Kankipati	Emulex		X		X
Pradeep	Satyanarayana	IBM	X	X		X
Tom	Elken	Intel	X	X	X	X
Tatyana	Nikolova	Intel	X	X	X	X
Robert	Woodruff	Intel	X	X	X	X
Vladimir	Sokolovsky	Mellanox	X	X		X
Bill	Snapko	SGI	X		X	X
Rupert	Dance	Software Forge	X	X	X	X
John	Jolly	SUSE			X	

OFA Interop Debug event report

- IB went well and most testing is now completed
- Good RoCE participation – included Emulex, IBM and Mellanox
- Pradeep Satyanarayana likes diverse cluster available at UNH-IOL. This allows him to test almost any combination of hardware, OS an OFED. We have made the cluster available to Jeff Becker so we can solve issues around NFSoRDMA

OFED status

- 1) [OFED 3.5-1GA](#) released
- 2) [OFED 3.5-2 RC2](#) released
- 3) OFED 3.12 with RHEL 6.5 – Vlad leading
 - a) He needs Emulex drivers if they want everything included in OFED 3.12
 - i) If wants driver in OFED 3.12, he needs to have all the kernel trees.
 - ii) We also need the user space driver
 - iii) Pradeep – can we publish user library now. He will work with his developer to develop tgz.
 - iv) Woody suggests that Pradeep send all the required packages to Vlad and “cc” EWG
 - (1) You need to tell where driver is in the 3.12 code
 - (2) Send user space packages
 - b) He is currently working on backports
 - c) Daily build early next week or end of this week.
 - d) Vlad says that mlx5 is in the 3.12 kernel
- 4) OFED 3.13
 - a) He will provide updates for this after we have 3.12 stable

OFED Bugs

Vlad review of open bugs assigned to Mellanox

- 1) Bug [2403](#) – problem is that the uninstall script removes previous installation. If installation from Distro, there may be other packages that are needed. So Install script cannot automatically remove all packages in an unattended RPM. If not installed by OFED, then he does not remove. OFED install gives messages and ask if you want to remove packages manually. This should go into release notes. Vlad will improve install.pl message to explain problem.
- 2) Bug [2416](#) - configure IB port and Ethernet port on Mellanox IB QDR adapter
 - a) Not able to configure RoCE Ethernet port on IB QDR adapter
 - b) This is release notes known issue – ConnectX has some limitation.
 - c) He will move bug to later and put in a target release item.

- 3) Bugs [2419](#) → [2423](#) – these are bugs in the perftest utilities like `ib_write_bw` – the new maintainer is Gil Rockah gilr@dev.mellanox.co.il
 - a) Vlad updated Bugzilla with the new maintainer and they can reproduce issues
 - b) There are proposed patches which they will review and implement.
- 4) Bug [2429](#) was closed because RHEL 5 not support in OFED 3.5

iWARP bugs - Tatyana and Woody commenting

- 1) Bug [2448](#) - This is a daplttest bug and the priority is not high – she will review and see if she can identify what caused the problem to appear in 3.5-2
- 2) Bug [2441](#)
 - a) This is a Chelsio bug. Can't say if the problem is with daplttest or if it is a Chelsio driver issue
 - b) **Woody** says Vipul cannot help and so need someone else. Steve can't attend today but will keep trying
 - c) **Woody**: Leave it as critical and P1 and wait and see if Chelsio is OK to release with known bug.
- 3) Bug [2445](#) is P5 and **critical** – need to wait for Steve Wise and Chelsio

Woody

- 1) Bug [2450](#) – he has forwarded to Sean but does not want us to hold release
- 2) **Pradeep S:** – maybe it is a mismatch between client and server parameters. He suggests both server and client should have equal parameters. If everything is under 64K it is OK because that is default. Pradeep added a comment to the Bug and we are waiting on UNH-IOL to verify.
- 3) Wait two more weeks for GA release.
- 4) Bug [2425](#) – daplttest – Arlin has applied a patch which resolved this problem. Woody will ask Arlin to close. It is fixed but not in package yet. It will be in 2.0.40. If we have to do another release of daplt then it will get updated but it is not in OFED 3.5-2 at this point

Rupert

I want 3.5-2 GA because we need it to complete the OFA GA Logo Event

Pradeep Satyanarayana

- 1) Bug [2449](#) – NFSoRDMA - Pradeep will work with Jeff Becker to resolve this. Rupert will work with UNH-IOL to provide access to the OFA Cluster for Jeff Becker.

Pradeep Kankipati - Emulex

- 1) Pradeep has some problems and issues when he builds OFE 3.5-2 with his drivers
- 2) We build our driver and when we install driver RPM, there are lots of unresolved symbol errors.
 - a) **Vlad**: do you mean kernel updated or OFED
 - b) **Vlad**: Are you including `ib_core` when building – Pradeep says he has not been doing that
 - c) **Vlad**: Do these issues come when you install NIC driver or RDMA driver.
 - d) **Vlad**: Must copy the symbols file.
 - e) **Vlad**: Please send the answers to the questions and all the details of the problem via. Rupert asks that you “cc” him as well.
- 3) **Pradeep** – please send documentation on the correct way to build OFED. Rupert did this on 10/31/2013

ARs

Emulex – Pradeep Kankipati

10/28/2013

- 1) Send kernel and user space drivers to Vlad and “cc” the EWG

Rupert

10/28/2013

- 1) Send document to Emulex describing the procedure for vendors to create drivers and packages for their products an upload to the OFA Download site – [done 10/31/2013](#)
- 2) Update release notes to explain the uninstall procedure and the problem with packages installed by Distros – see Bug [2403](#)

10/14/2013

- 1) Add a note indicating a known limitation in the ibutils package that it does not support FDR, FDR 10 or EDR speeds when using ibdiagnet.

8/19/2013

- 1) Update the Bugzilla list of Maintainers using OFA Maintainers list because it is more accurate

Steve Wise

9/30/2013

- 1) Steve Wise agreed to review bugs 2402 and 2445 and try to get them resolved

Tatyana

10/14/2013

- 1) Review Bug [2441](#) and other iWARP bugs – [done 10/31/2013](#) – [this is a Chelsio bug](#)

UNH-IOL

10/28/2013

- 1) Verify suggested fix to Bug [2450](#)

Vlad

10/28/2013

- 1) Move Bug [2416](#) to later and put in a target release date

9/30/2013

- 1) Review all of the bugs assigned to Mellanox developers with his team

Woody

9/30/2013

- 1) Check with Arlin regarding the status of the bugs in OFED 3.5 and 3.5-x