

## OFA EWG Meeting – 8/5/2013

### Attendees

First	Last	Company	07/22/13	08/05/13
Steve	Wise	Chelsio	X	
Pradeep	Satyanarayana	IBM		X
Tom	Elken	Intel	X	X
Mike	Marciniszyn	Intel	X	
Tatyana	Nikolova	Intel	X	X
Robert	Woodruff	Intel	X	
Tziporet	Koren	Mellanox	X	
Vladimir	Sokolovsky	Mellanox	X	X
Bill	Snapko	SGI		X
Rupert	Dance	Software Forge	X	X

### OFED 3.5-x status:

- 1) OFED 3.5-1
  - a) RC1 was released on June 24 and there have been no issues reported. This only includes the patches to make OFED 3.5 compatible with RHEL 6.4
  - b) Decision was made to move this to GA
- 2) OFED 3.5 MIC:
  - a) <http://www.openfabrics.org/downloads/ofed-3.5-mic/>
  - b) Moved from Alpha to Beta. This version is based on OFED 3.5-1 and includes support for RHEL 6.4. Rupert asked if we should rename this 3.5-1 since it was patched for RHEL 6.4
  - c) Tom will check on status of testing to any bugs that would delay releases. He will determine if we should change to 3.5-1
- 3) OFED 3.5-2 with - SLES 11 SP3:
  - a) Woody's team produced a patch for OFED 3.5-2 that provides support for SLES 11 SP3. It is available here: <http://www.openfabrics.org/downloads/OFED/ofed-3.5-2-daily/OFED-3.5-2-20130725-0950.tgz>
- 4) Updates from Arlin Davis and Sean Hefty
  - a) Arlin provided an new update: dapl-2.0.38
  - b) Sean Hefty provided an new update: ibacm release 1.0.8
  - c) Both of these are available in the latest OFED 3.5-2 release which is available here:
    - i) <http://www.openfabrics.org/downloads/OFED/ofed-3.5-2-daily/OFED-3.5-2-20130805-0844.tgz>

### OFED 3.11 and 3.12 plans:

- 1) Vlad has started the work on OFED 3.11 using 3.11 RC4 and is planning to rebase that for 3.12. He is working on ibcore and IPoIB
- 2) He thinks the total effort will be a week or so and once he has a stable pass on RHEL 6.4 he will publish a daily build.

### Bug Status

- 1) Rupert has gone into Bugzilla and updated it so that it now has the most recent versions of REHL and SLES – all OS have been resorted so that it is more logical and easier to find the correct version. He also added OFED 3.5-1 and 3.5-2 so that we can accurately assign bugs.
- 2) We discussed the status of the bugs listed under OFED 3.5 (see below) and it is unclear how many of them are unresolved and still valid. Rupert agreed to notify Arlin, Tom and Vipul and ask them to review the status of these bugs. Vlad will contact all of the Mellanox Assignees and review the open Bugs with them.

### OFED 3.5:

ID	Sev	Pri	OS	Assignee	Status
<a href="#">2437</a>	cri	P1	Othe	arlin.r.davis@intel.com	NEW
<a href="#">2400</a>	maj	P2	Othe	arlin.r.davis@intel.com	ASSI
<a href="#">2418</a>	nor	P5	Othe	arlin.r.davis@intel.com	NEW
<a href="#">2425</a>	maj	P5	Fedo	arlin.r.davis@intel.com	NEW
<a href="#">2416</a>	nor	P5	Othe	eli@mellanox.co.il	NEW
<a href="#">2423</a>	maj	P5	Othe	idos@dev.mellanox.co.il	NEW
<a href="#">2419</a>	maj	P5	Othe	idos@dev.mellanox.co.il	NEW
<a href="#">2422</a>	maj	P5	Othe	idos@dev.mellanox.co.il	NEW
<a href="#">2420</a>	maj	P5	Othe	idos@dev.mellanox.co.il	NEW
<a href="#">2427</a>	nor	P5	Othe	jackm@mellanox.co.il	NEW
<a href="#">2429</a>	cri	P5	Cent	jackm@mellanox.co.il	NEW
<a href="#">2411</a>	maj	P5	RHEL	jackm@mellanox.co.il	NEW
<a href="#">2375</a>	enh	P2	SLES	tom@opengridcomputing.com	NEW
<a href="#">2402</a>	nor	P1	SLES	vipul@chelsio.com	NEW
<a href="#">2406</a>	maj	P1	Othe	vipul@chelsio.com	ASSI
<a href="#">2373</a>	nor	P3	Othe	vlad@mellanox.co.il	NEW
<a href="#">2403</a>	maj	P1	Othe	vlad@mellanox.co.il	NEW
<a href="#">2421</a>	maj	P2	Othe	vlad@mellanox.co.il	NEW
<a href="#">2432</a>	nor	P5	All	vlad@mellanox.co.il	NEW
<a href="#">2436</a>	maj	P5	RHEL	vlad@mellanox.co.il	NEW
<a href="#">2413</a>	maj	P5	SLES	vlad@mellanox.co.il	NEW
<a href="#">2417</a>	maj	P5	Othe	vlad@mellanox.co.il	NEW
<a href="#">2431</a>	tri	P5	All	vlad@mellanox.co.il	NEW
<a href="#">2415</a>	nor	P5	Cent	weiny2@llnl.gov	NEW

### Discussion of a few open Bugs

#### [Bug 2432](#) - Reinstalling OFED-3.5 removes openmpi

- If you want to add a feature and you reinstall OFED, it removes openmpi packages from distribution, but doesn't add them after the reinstall.
- Vlad will update the installer for 3.11 and later builds

#### [Bug 2373](#) – packages reported as unsupported using the command “./install.pl -c ofed-all.conf ” command

- Vlad says these are similar to the problems discussed in bug 2432 and the Install scripts need some cleanup which he will address in 3.11

#### Bugs [2419](#), [2420](#), [2422](#), [2423](#) - ibutilities

- 1) Pradeep says that IBM opened up these bugs that all have to do with the use of the IB Utilities such as `ib_write_bw`, `ib_write_lat`, `ib_read_bw`, `ib_read_lat`, and `ib_atomic_bw` and `ib_atomic_lat`
- 2) They have submitted proposed patches but there have been no responses.
- 3) Vlad said he will contact Ido Shamay and get these resolved

#### Bugs [2427](#), [2429](#)

- 1) It appears that 2427 is resolved to the satisfaction of the reporter but has not been closed out.
- 2) Vlad said he will contact Jack Morgenstein and get these resolved

## New issues

Andrew McKinney reported an issue with IPoIB-CM - ib0: dev\_queue\_xmit failed to requeue packet

- <http://lists.openfabrics.org/pipermail/ewg/2013-August/017912.html>
- We took a look at this and Tom Elken remarked that if it host related it is probably something Mellanox should look at even though it involved an Intel 12200 switch as well
- Rupert said he would respond and ask the Andrew McKinney to submit a bug. Rupert also said he would update Bugzilla so we could report on all the new OS and OFED versions. Both of these ARs have been completed.

## FreeBSD

- 1) Emulex has inquired about adding support in OFED for FreeBSD
- 2) Tom said he would be supportive but he wondered if all vendors would have to provide support for it. Intel has not done any work on this but he knows of a significant customer who has ported some drivers.
- 3) Vlad said he has no objections and that he will check with Mellanox. He said that they would need to send the following for inclusion:
  - a) List of components.
  - b) List of subdirectories to include.
  - c) Other vendor drivers in addition to Emulex. Emulex needs to send the relevant drivers.

## Tatyana

They are doing reviews and they're trying to submit some updates upstream. They are doing a review this week and one QA cycle will be required. This may take two weeks. She will provide a status update for next meeting.

## ARs

### Rupert - 8/5/2012

- 1) Email Woody and Jerry and see if they agree that OFED 3.5-mic should be renamed OFED 3.5-1-mic
- 2) Email Assignees for the OFED 3.5 bugs and ask them to update and resolve bugs
- 3) Update Bugzilla to include latest OFED versions and the latest RHEL and SUSE Distros – [done 8/5/2013](#)
- 4) Email Andrew McKinney an ask that he submit a bug – [done 8/6/2013](#)

### Vlad - 8/5/2012

- 1) Check with Mellanox developers regarding the status of the OFED 3.5 bugs
- 2) Check with Mellanox regarding FreeBSD