

## OFA EWG Meeting – 10/12/2015

### Attendees

First	Last	Company	08/31/15	09/14/15	09/28/15	10/12/15
Pradeep	Kankipati	Avago		X	X	X
Steve	Wise	Chelsio	X		X	
Dwip	Banerjee	IBM	X	X	X	
David	Dai	IBM	X	X	X	X
Tom	Elken	Intel		X	X	
Tatyana	Nikolova	Intel	X	X	X	X
Jim	Ryan	Intel				X
Robert	Woodruff	Intel	X	X	X	X
Vladimir	Sokolovsky	Mellanox	X			X
Rupert	Dance	Software Forge	X	X	X	X
Dave	Wyman	UNH-IOL	X		X	X

### Agenda

#### Meeting Minutes 9/28/2015:

- [https://www.openfabrics.org/downloads/WorkGroups/ewg/EWG\\_Minutes/2015-09-28-EWG-Meeting-Minutes.pdf](https://www.openfabrics.org/downloads/WorkGroups/ewg/EWG_Minutes/2015-09-28-EWG-Meeting-Minutes.pdf)

#### OFED 3.18-1 status

- **RC1 – 9/8/2015**
  - <https://www.openfabrics.org/downloads/OFED/ofed-3.18-1/OFED-3.18-1-rc1.tgz>
- **OFED 3.18-1 Daily Build – 10/7/2015**
  - <https://www.openfabrics.org/downloads/OFED/ofed-3.18-1-daily/OFED-3.18-1-20151007-0301.tgz>
- **OFED User Package Status as of 10/12/2015 – updates since 9/28/2015**
  - [https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED\\_User\\_Package\\_Status/OFED-User-Package-Status-2015-10-12.pdf](https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-10-12.pdf)
  - dapl 2.1.7 – released in OFED 3.18-1 Daily Build
  - libfabric-1.1.1.tar.gz – released in OFED 3.18-1 Daily Build
  - fabtest-1.1.1.tar.gz – released in OFED 3.18-1 Daily Build
  - libibverbs-1.2.0 – not included in OFED 3.18-1 Daily Build

#### OFED 3.18-1 Bug Status as of 10/12/2015

- [https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED\\_Bugs/OFED-3.xx-Bug-Status-2015-10-12.pdf](https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_Bugs/OFED-3.xx-Bug-Status-2015-10-12.pdf)
- [2492](#) – **Chelsio** - perfest tools enhancement – **opened 6/17/2014**
- [2553](#) – **Intel** - Unable to run UD traffic using qperf – **opened 6/29/2015**
  - Assigned to Vinit from Intel who has confirmed issue and working on solution
- [2561](#) - **Mellanox** - IPoIB failure after arp cache flush – **opened 7/20/2015**
  - Assigned to [erezsh@mellanox.com](mailto:erezsh@mellanox.com) – no action in last month
- [2562](#) - **Mellanox** - ib\_write\_bw doesn't support events
- [2569](#) – **Intel** - iwpmc process does not start on boot in SLES11SP4
  - Issue has been confirmed on a clean installed
- [2572](#) - **Intel** - src/perfquery.c: 2 \* bad test
  - See patch supplied by Hal
- [2573](#) - **Mellanox** - Install.pl should work with -p and -c sequence
- [2574](#) - **Intel** - QIB makes SCIF does not work with xeon-phi
- [2576](#) – **Mellanox** - scif0 device can't communicate between host and card

## OFED 3.18-1 - Plans for the next build

- RHEL 6.7 - **done**
- SLES SP4 – **done**
- What bugs do we need to resolve before RC2?

## Start of the meeting

### OFED User Package Status as of 10/12/2015 – updates since 9/28/2015

- [https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED\\_User\\_Package\\_Status/OFED-User-Package-Status-2015-10-12.pdf](https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-10-12.pdf)
- dapl 2.1.7 – released in OFED 3.18-1 Daily Build
- libfabric-1.1.1.tar.gz – released in OFED 3.18-1 Daily Build
- fabtest-1.1.1.tar.gz – released in OFED 3.18-1 Daily Build
- libibverbs-1.2.0 – not included in OFED 3.18-1 Daily Build
  - **Vlad**: the versioning used to build this package does not work and it cannot be used in the RPM process. The use of “rc1” is one problem and there are others in RPM spec file. It uses the old version in the spec file and the new version in the package itself.
  - There is also a compatibility problem with libmlx4. After we get the versioning issue resolved we will need to check for API issues.
  - **Woody**: this package may need to wait until OFED 3.18-1 RC3 or pull into the next major OFED using a 4.x kernel. Do these changes require new kernel changes and if so we may need to wait.
  - Vlad will check and verify. It may need 4.3 because new features will not be available without new kernel.
  - **Final decision**: Proceed with RC2 without this package

### OFED 3.18-1 open bugs

- [https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED\\_Bugs/OFED-3.xx-Bug-Status-2015-10-12.pdf](https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_Bugs/OFED-3.xx-Bug-Status-2015-10-12.pdf)
- [2492](#) – **Chelsio** - perftest tools enhancement – **opened 6/17/2014**
  - Don't wait
- [2553](#) – **Intel** - Unable to run UD traffic using qperf – **opened 6/29/2015**
  - Assigned to Vinit from Intel who has confirmed issue and working on solution
  - Don't wait
- [2561](#) - **Mellanox** - IPoIB failure after ARP cache flush – **opened 7/20/2015**
  - Assigned to [erezsh@mellanox.com](mailto:erezsh@mellanox.com) – no action in last month
  - **Vlad**: he has talked to developer and has not looked at it. He will hope for tomorrow.
  - **Maybe hold RC2 – Vlad will look into this**
- [2562](#) - **Mellanox** - ib\_write\_bw doesn't support events
  - Don't wait
- [2569](#) – **Intel** - iwmpmd process does not start on boot in SLES 11 SP4
  - Issue has been confirmed on a clean installed
  - **Tatyana**: she can't reproduce – not just a device adapter. This is high level problem.
  - **Rupert**: contact Steve and ask for help
  - **Woody**: Don't wait
- [2572](#) - **Intel** - src/perfquery.c: 2 \* bad test
  - See patch supplied by Hal Rosenstock
  - **Rupert** add Vlad to the “cc” list
  - **Vlad** asks that everyone submit patches through mailing list and not attached to bugs
  - **Woody**: will follow up with his people.

- 2573 - **Mellanox** - Install.pl should work with -p and -c sequence
  - **Vlad**: small issue which he will resolve before **RC2**
- 2574 - **Intel** - QIB makes SCIF does not work with xeon-phi
  - **Woody**: Arlin found this – issue with QIB on 7.1 when Xeon Phi is enabled and True Scale is plugged in. Edward
  - **Woody**: **Don't hold up RC2** – investigate whether Intel wants to support 7.1
- 2576 – **Mellanox** - scif0 device can't communicate between host and card
  - **Vlad**: This is an enhancement that involved multi-process on compile time for ibutils. Mellanox does not support ibutils any more so it may be hard. Vlad will try to do it on his own.
  - **Woody**: **Don't wait**

## ARs

### Chelsio – Steve Wise

9/15/2014

- 1) Send patch for Bug [2492](#) upstream to the perftest maintainer – **in process**

### Avago – Pradeep

### Intel –IB

7/6/2015

- 1) [2553](#) - Unable to run UD traffic using qperf - Tom to follow up
- 2) **Rupert** has given access to RoCE servers at Software Forge - **Assigned to Vinit from Intel on 9/9/2015**

### Intel iWARP – Tatyana

### Mellanox – Vlad

10/12/2015

- 1) libibverbs-1.2.0 – Contact Doug and explain the problems
  - a) **Woody** says this could require kernel changes for support and may need MLX changes
  - b) **Vlad** will check and verify. It may need 4.3 because new features will not be available without new kernel.
- 2) Ask Mellanox Developer to get Bug [2561](#) resolved – **opened 7/20/2015**
- 3) Look into Bug [2576](#)

9/25/2015

- 1) Please check on Bug [2570](#) – **done 10/6/2015**
  - a) Fixed in OFED-3.18-1-20151006-0116

8/3/2015

- 1) Resolve bug [2560](#) and update OFED Tips – **fixed 10/11/2015**
- 2) Talk to Eli and others about Bug [2561](#) – IPoIB – **no action yet 9/14/2015**
- 3) Work with Gill to resolve perftest bugs
  - a) [2562](#) – ib\_write\_bw doesn't support events
  - b) no progress on this bug **no action as of 9/14/2015**

### SFI – Rupert

10/12/2015

- 1) Contact Doug and explain the problems with libibverbs-1.2.0
- 2) Rupert contact Steve and ask for help with bug [2569](#)
- 3) Contact Hal about submitting patches through the mail system
- 4) Add Vlad to the “cc” list of Bug [2572](#)
- 5) Follow up with IRA - [2572](#) – need new version of infiniband-diags – [done 10/12/2015](#)

9/28/2015

- 1) Notify Vinit that we would like a solution for RC2 for the Bug [2553](#) Unable to run UD traffic using qperf

8/4/2015

- 1) We need to add a note in add note in 3.18-1 that ipath and eHCA will be deprecated in OFED 4.3.