

OFA EWG Meeting – 9/28/2015

Attendees

First	Last	Company	08/17/15	08/31/15	09/14/15	09/28/15
Pradeep	Kankipati	Avago	X		X	X
Steve	Wise	Chelsio		X		X
Dwip	Banerjee	IBM	X	X	X	X
David	Dai	IBM	X	X	X	X
Tom	Elken	Intel	X		X	X
Tatyana	Nikolova	Intel	X	X	X	X
Jim	Ryan	Intel	X			
Robert	Woodruff	Intel	X	X	X	X
Vladimir	Sokolovsky	Mellanox		X		
Rupert	Dance	Software Forge	X	X	X	X
Keith	Hoodlet	UNH-IOL	X			
Dave	Wyman	UNH-IOL		X		X

Agenda

Meeting Minutes 9/14/2015:

- https://www.openfabrics.org/downloads/WorkGroups/ewg/EWG_Minutes/2015-09-14-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>
 - This still has the old libfabric and fabtest user packages not libfabric-1.1.1rc1.tar.gz
- **OFED User Package Status as of 9/28/2015 – updates since 9/14/2015**
 - dapl 2.1.7 – in process **but not** released in OFED 3.18-1 RC1
 - libfabric-1.1.1rc2.tar.gz – to be included in OFED 3.18-1 RC2
 - What is status of fabtest
 - libibverbs-1.2.0 – to be included in OFED 3.18-1 RC2
 - https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-09-28.pdf

OFED 3.18-1 Bug Status as of 9/28/2015

- https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_Bugs/OFED-3.xx-Bug-Status-2015-09-28.pdf
- **OFED 3.18-1 open issues**
 - [2492](#) – **Chelsio** - perfest tools enhancement – **opened 6/17/2014**
 - [2544](#) – **Intel** - infinipath-psm won't install with libfabric – **opened 5/22/2015**
 - Patrick McCormick from Intel reports that this is still broken but the fix is very easy.
 - [2553](#) – **Intel** - Unable to run UD traffic using qperf – **opened 6/29/2015**
 - Bug submitter has responded to query and waiting for response from Maintainer.
 - Rupert has given access to RoCE servers at Software Forge - Assigned to Vinit from Intel
 - [2560](#) - **Mellanox** - OFED_tips.txt section 4 needs updating – Re-Opened
 - [2561](#) - **Mellanox** - IPoIB failure after arp cache flush – **opened 7/20/2015**
 - Assigned to erezsh@mellanox.com – no action in last month
 - [2562](#) - **Mellanox** - ib_write_bw doesn't support events
 - [2567](#) – **Intel** - DAPL - Warning: conn_event_wait
DAT_CONNECTION_EVENT_NON_PEER_REJECTED

- **Closed** but the dapl-2.1.7 package has **not been released** yet
- [2569](#) – **Intel** - iwpmc process does not start on boot in SLES11SP4
 - Tatyana has requested that Steve address this since she does not have the hardware to reproduce.
- **OFED 3.18-1** - Plans for the next build
 - RHEL 6.7 - **done**
 - SLES SP4 – **done**
 - Are we ready for RC2 or do we need to wait on some of these bugs

Start of the meeting

OFED User Package Status as of 9/28/2015 – updates since 9/14/2015

- https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-09-28.pdf
- dapl 2.1.7 – in process but not released in OFED 3.18-1 RC1
- libfabric-1.1.1rc2.tar.gz – to be included in OFED 3.18-1 RC2
 - What is status of fabtest – Woody will check but asks that we wait until Sean has released the GA version of libfabric-1.1.1
 - **Steve**: open 2571 bug on dapltest – double free
- libverbs-1.2.0 – to be included in OFED 3.18-1 RC2
 - **AR Vlad**: **Woody** says this could require kernel changes for support. May need MLX changes

OFED 3.18-1 open bugs

- [2492](#) – **Chelsio** - perftest tools enhancement – **opened 6/17/2014**
- [2544](#) – **Intel** - infinipath-psm won't install with libfabric – **opened 5/22/2015**
 - Patrick McCormick from Intel reports that this is still broken but the fix is very easy.
 - **Woody**: True Scale team has a fix and it is coming this week.
- [2553](#) – **Intel** - Unable to run UD traffic using qperf – **opened 6/29/2015**
 - Bug submitter has responded to query and waiting for response from Maintainer.
 - Rupert has given access to RoCE servers at Software Forge - Assigned to Vinit from Intel
 - **Tom**: does not seem real critical – it is a benchmark test with UD and RoCE
 - **AR Vinit**: let him know RC2
- [2560](#) - **Mellanox** - OFED_tips.txt section 4 needs updating – Re-Opened
- [2561](#) - **Mellanox** - IPoIB failure after arp cache flush – **opened 7/20/2015**
 - Assigned to erezsh@mellanox.com – no action in last month
 - **Dave**: at certain size it starts to fragment.
- [2562](#) - **Mellanox** - ib_write_bw doesn't support events
 - **Woody**: This does not seem critical and we should not hold up RC2 waiting for this.
- [2567](#) – **Intel** - DAPL - Warning: conn_event_wait
DAT_CONNECTION_EVENT_NON_PEER_REJECTED
 - **Closed** and solution is in dapl-2.1.7 package
- [2569](#) – **Intel** - iwpmc process does not start on boot in SLES11SP4
 - Tatyana has requested that Steve address this since she does not have the hardware to reproduce.
 - **Steve**: Tatyana could not reproduce. Veeresh is supposed to reproduce on clean system. Steve could not reproduce. Don't hold.
- **AR Vlad**: please check on Bug [2570](#)

Open Issues

License issues: Woody agrees that this is resolved. NetApp and Red Hat lawyers have resolved. Cisco driver will submit under dual license. We know compat-rdma is GPL but will only be used on Linux which is GPL only. Anything else will not include compat-rdma.

Open MPI

- 1) Should Open MPI work with ppc64 and x86?
- 2) **David Dai:** Pradeep says this should not be in mixed environment. Do not test between mixed environments.
- 3) Steve says there is a heterogeneous config but thinks there is an issue.

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

9/28/2015

- 1) libibverbs-1.2.0 – to be included in OFED 3.18-1 RC2 - **Woody** says this could require kernel changes for support and may need MLX changes
- 2) Please check on Bug [2570](#)

8/3/2015

- 1) Resolve bug [2560](#) and update OFED Tips – **done but re-opened 9/9/2015**
- 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

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.