

OFA EWG Meeting – 9/14/2015

Attendees

First	Last	Company	08/03/15	08/17/15	08/31/15	09/14/15
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	X		
Robert	Woodruff	Intel	X	X	X	X
Vladimir	Sokolovsky	Mellanox	X		X	
Rupert	Dance	Software Forge	X	X	X	X
Bill	Boas	System Fabric Works		X	X	
Keith	Hoodlet	UNH-IOL		X		
Stefan	Oesterreich	UNH-IOL	X			
Dave	Wyman	UNH-IOL	X		X	

Agenda

Meeting Minutes 8/31/2015:

- https://www.openfabrics.org/downloads/WorkGroups/ewg/EWG_Minutes/2015-08-31-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 9/14/2015 – updates since 8/31**
 - dapl 2.1.7 – in process but not released in OFED 3.18-1 RC1
 - libfabric-1.1.1rc1.tar.gz - not included in OFED 3.18-1 RC1
 - mstflint-4.0.0-1.46
 - https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-09-14.pdf

OFED 3.18-1 Bug Status as of 9/14/2015

- https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_Bugs/OFED-3.xx-Bug-Status-2015-09-14.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 to look into this critical bug.

- **OFED 3.18-1** - Plans for the next build
 - RHEL 6.7 - [done](#)
 - SLES 11 SP4 – [done](#)
 - Bug fixes
 - Other?

Open Items

- eHCA driver being removed from Kernel – user package as well?

Start of the meeting

Rupert mentioned that OFED 3.18-1 does not contain all of the latest available user packages:

- 1) Sean has released a point release of libfabric version 1.1.1 rc1. Woody says that this may be ready by time the Vlad gets back from vacation on September 27th.
- 2) Dapl 2.1.7 – Arlin fixed a small esoteric problem noted in Bug 2567 but did not feel a new package was warranted. So it is unlikely he will include this in OFED 3.18.-1

OFED 3.18-1 Bug Status

- [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.
 - **Woody-Tom**: Someone is assigned to it and will get a new package. There is a fix and he is waiting for Edward to push it out but he definitely wants it in RC2
- [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**: sounds good.
- [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.
 - **Woody**: Keep pinging Vlad but this is not serious and should not hold up the GA.
- [2562](#) - **Mellanox** - ib_write_bw doesn't support events
 - **Rupert**: not serious and should not hold up the GA.
- [2567](#) – **Intel** - DAPL - Warning: conn_event_wait
DAT_CONNECTION_EVENT_NON_PEER_REJECTED
 - The bug is closed but the dapl-2.1.7 package has not been released yet because this is only a minor update.
- [2569](#) – **Intel** - iwpmc process does not start on boot in SLES11SP4
 - Tatyana cannot reproduce the bug. She has had offline communication with Steve and Veeresh and she agreed to update the bug.

Vendor testing of OFED 3.18-1 RC1

- 1) **Pradeep**: Avago has not had a chance to do testing yet but intends to.
- 2) **Tom**: the Intel interconnect validation team has done some testing and was able to reproduce Bug 2544. They will solve that and continue testing
- 3) **Woody**: the Intel Xeon Phi team has found a kernel panic with Xeon Phi and a few other issues. Jerry will send patch and update before RC2.
- 4) **Tatyana**: she has not done extensive testing with RC1 yet but has no issues other than Bug 2569

Open Items

- **Rupert**: the eHCA driver is being removed from the Linux Kernel – when do we do the user package?
- **Woody**: we should remove any user library when we start using a kernel version that has the eHCA driver removed.

ARs

Chelsio – Steve Wise

9/15/2014

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

8/3/2015 – Resolved Fixed on 8/25/2015

- 1) Reassign bug [2559](#) **and work with QA to get it resolved.**
- 2) Tatyana has released a new version: libiwpm-1.0.3rc1.tar.gz. This is included in OFED-3.18-1-20150823-0741 - can you test and see if the problem has been resolved.

Avago – Pradeep

8/17/2015

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

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

8/18/2015 - **Resolved Fixed on 8/25/2015**

- 1) Tatyana has released a new version: libiwpm-1.0.3rc1.tar.gz. This is included in OFED-3.18-1-20150823-0741.

Mellanox – Vlad

8/31/2015 – Completed on 9/8/2015

Please do an OFED 3.18-1 RC either Monday or Tuesday of next week 9/7/2015

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
 - i) no progress on this bug **no action as of 9/14/2015**
- 4) Bug [2565](#) - _compat-rdma can't be built on PPC64 RHEL 7.1 LE
 - a) **See notes above** – use different config.guess
 - b) **Resolved Fixed on 9/1/2015**

System Fabric Works – Bill Boas

8/17/2015

- 1) Form a small group to create and review a license process document.
- 2) Verify that we can take as BSD and then contribute back as dual.
- 3) **Rupert**: has worked with the vendor who understands the problem .Woody and Rupert feel the issue has been resolved for now - **9/14/2015**

SFI – Rupert

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.