

OFA EWG Meeting – 10/26/2015

Attendees

First	Last	Company	09/14/15	09/28/15	10/12/15	10/26/15
Pradeep	Kankipati	Avago	X	X	X	X
Chuong	Vuong	Avago				X
Steve	Wise	Chelsio		X		
Dwip	Banerjee	IBM	X	X		X
David	Dai	IBM	X	X	X	X
Paul	Bowden	Intel				X
Tom	Elken	Intel	X	X		X
Tatyana	Nikolova	Intel	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
John	Jolly	SUSE				X
Dave	Wyman	UNH-IOL		X	X	X

Agenda

Meeting Minutes 10/12/2015:

- https://www.openfabrics.org/downloads/WorkGroups/ewg/EWG_Minutes/2015-10-12-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 – 10/26/2015**
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.18-1-daily/OFED-3.18-1-20151026-0225.tgz>
- **OFED User Package Status as of 10/26/2015 – updates since 10/12/2015 meeting**
 - https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-10-26.pdf
 - dapl-2.1.7+scm_fix.tar.gz - Woody will check this
 - libiwpm-1.0.3.tar.gz – released 10/14/2015
 - infiniband-diags-1.6.6.tar.gz – released 10/12/2015

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-2015-10-26.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 – no action in last month
- [2562](#) - **Mellanox** - ib_write_bw doesn't support events
- [2569](#) – **Intel** - iwpm process does not start on boot in SLES11SP4
 - Issue has been confirmed again on a clean installed after the new iwpm package
- 2574 - **Intel** - QIB makes SCIF does not work with xeon-phi
- 2576 – **Mellanox** - Enable parallel build for ibutils in RPM spec

Start of the meeting

OFED 3.18-1 status

- **OFED User Package Status as of 10/26/2015 – updates since 10/12/2015 meeting**
 - https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-10-26.pdf
 - dapl-2.1.7+scm_fix.tar.gz - Woody will check on this which is to resolve interop issues with older dapl in OFED
 - libiwpm-1.0.3.tar.gz – released 10/14/2015
 - infiniband-diags-1.6.6.tar.gz – released 10/12/2015

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-2015-10-26.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 the issue and is working on solution
 - **Tom**: he has investigated and it looks like a pretty complex issue to fix. They are not familiar with RoCE.
 - **Woody**: Edward says this is not easy and they don't care about it because it is RoCE
 - **Pradeep**: he will look at it and let us know – within 2 days.
- [2561](#) - **Mellanox** - IPoIB failure after arp cache flush – **opened 7/20/2015**
 - Assigned to erezsh@mellanox.com – no action in last month
 - **Vlad**: developer verifies it is in latest update kernel. Not trivial and will take time. Can be backported.
 - **Dave**: UNH-IOL feels it is no problem to wait until we get an updated kernel
- [2562](#) - **Mellanox** - ib_write_bw doesn't support events
 - Not critical
- [2569](#) – **Intel** - iwpmnd process does not start on boot in SLES11SP4
 - Issue has been confirmed again on a clean installed after the new iwpmnd package
 - Steve – this has been resolved and he will close out this bug
- [2574](#) - **Intel** - QIB makes SCIF does not work with xeon-phi
 - This is logged as blocker. Change start of various services. This is a known issue
 - **Woody**: They will check RC2
- [2576](#) – **Mellanox** - Enable parallel build for ibutils in RPM spec
 - **Vlad**: This is an ibutils and there is no maintainer so they will not fix.
 - No plans for Mellanox to contribute ibutils2

John Jolly – comments on the work EWG is doing with OFED

- 1) Everything the EWG is doing that seems reasonable.
- 2) Our OFED version is compatible with kernel 3.12 and he wants to try and test.
- 3) SUSE has setup an internal lab with hardware to do testing. Mellanox and Intel have been very supportive. Primary focus is their releases. They will test RC as time permits.
- 4) SUSE involvement with OFA Software:
 - a) Get adequate testing before shipping final versions.
 - b) Document things internally so we get other teams like storage to use it and integrate it with SLES.

OFED 3.18-1 - Plans for the GA

Woody:

- 1) We need to do regression testing and make sure there are no blockers and then we can release the GA. We need 1-2 weeks for testing.
- 2) We should check and see if updates are needed for the release notes.

Open Issues

OFA Interop WG News

Dave:

- 1) The OFA IWG is conducting the Interop debug event the week of October 26th and then the GA Logo event will follow after OFED 3.18-1 GA is released
- 2) They will be closed December 1st until second week of January because they are moving the lab to a new building.

Paul Bowden from Intel

- 1) He is participating in the Interop Debug Event and he will be a Co-Chair of the IWG.
- 2) Dave will be leaving for a new job and he will backfill

Vlad:

Rupert to review and updated known issues

ARs

Chelsio – Steve Wise

9/15/2014

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

10/12/2015 - iwpmnd – work with Tatyana to resolve Bug [2569](#)

Avago – Pradeep

10/26/2015

- 1) Check with your tem and see if they can help to resolve Bug [2553](#) – Unable to run UD traffic using qperf on RoCE

Intel –IB

7/6/2015

- 1) [2553](#) - Unable to run UD traffic using qperf
 - a) **Tom** to follow up
 - b) **Pradeep**: Avago has shared all info with Intel (issue, repro details and root cause) and they have been able to reproduce it. **No action pending from our side - 10/20/2015**
- 2) **Rupert** has given access to RoCE servers at Software Forge - **Assigned to Vinit from Intel on 9/9/2015**

Intel iWARP – Tatyana

10/12/2015 - iwpmnd – work with Steve to resolve Bug [2569](#)

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](#)

8/3/2015

- 1) Talk to Eli and others about Bug [2561](#) – IPoIB
- 2) Work with Gill to resolve [2562](#) – ib_write_bw doesn't support events

SFI – Rupert

10/26/2015

- 1) Review and updated known issues in the OFED Release notes

10/12/2015

- 1) Contact Doug and explain the problems with libibverbs-1.2.0 – **emailed on 10/18/2015**
- 2) Rupert contact Steve and ask for help with bug [2569](#) – **re-assigned to Steve on 10/18/2015**
- 3) Contact Hal about submitting patches through the mail system - **done 10/18/2015**
- 4) Add Vlad to the “cc” list of Bug [2572](#) – **done 10/18/2015**
- 5) Follow up with IRA - [2572](#) – need new version of infiniband-diags – **done 10/12/2015**

9/28/2015

- 1) Remind Vinit that we would like a solution for RC2 for the Bug [2553](#) Unable to run UD traffic using qperf - **done 10/18/2015**

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.