OFA EWG Meeting – 12/7/2015

Attendees

First	Last	Company	10/26/15	11/09/15	11/23/15	12/07/15
Pradeep	Kankipati	Avago	X		X	
Chuong	Vuong	Avago	X			
Steve	Wise	Chelsio		X	X	X
Dwip	Banerjee	IBM	X			
David	Dai	IBM	X		X	
Paul	Bowden	Intel	X			
Tom	Elken	Intel	X			
Tatyana	Nikolova	Intel				X
Jim	Ryan	Intel			X	X
Robert	Woodruff	Intel	X	X	X	X
Vladimir	Sokolovsky	Mellanox	X	X	X	
Jeff	Becker	NASA		X	X	X
Rupert	Dance	Software Forge	X	X	X	X
John	Jolly	SUSE	X			

Meeting Minutes 11/23/2015:

- https://www.openfabrics.org/downloads/WorkGroups/ewg/EWG_Minutes/2015-11-23-EWG-Meeting-Minutes.pdf

OFED 3.18-1 status

- **GA – Released 11/24/2015**
  - https://www.openfabrics.org/downloads/OFED/ofed-3.18-1/OFED-3.18-1.tgz
- **OFED User Package Status as of 11/23/2015 – no new updates since 11/23/2015 meeting**
  - https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_User_Package_Status/OFED-User-Package-Status-2015-11-23.pdf

OFED 3.18-2 Bug Status as of 12/7/2015

- https://www.openfabrics.org/downloads/WorkGroups/ewg/OFED_Bugs/OFED-3.xx-Bug-Status-2015-12-07.pdf

- 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
  - Pradeep Kankipati from Avago is going to ask his team to look at this – 10/26/2015
- 2561 - **Mellanox** - IPoIB failure after arp cache flush – opened 7/20/2015
- 2562 – **Mellanox** - ib_write_bw doesn't support events - enhancement
- 2574 – **Intel** - QIB makes SCIF does not work with Xeon-phi
- 2580 – NFSoRDMA PPC64LE client crashes while trying to mount NFSoRDMA server running on x86 box

OFED 3.18-2 Status – what do we want to include

- Distro Versions: RHEL 7.2 and SLES 12 SP1
- Bug Fixes
- Features?
- Vlad when he gets back from vacation setup infrastructure.

OFED 3.18-1 Bug Status as of 12/7/2015
- 2553 – **Intel** - Unable to run UD traffic using qperf – opened 6/29/2015
  - Assigned to Vinit from Intel who confirmed issue but is unable to fix because no RoCE HWD.
  - Pradeep Kankipati from Avago is going to ask his team to look at this – 10/26/2015
- 2561 - **Mellanox** - IPoIB failure after ARP cache flush – opened 7/20/2015
- 2562 – **Mellanox** - ib_write_bw doesn't support events – enhancement and no plans to fix this.
- 2574 – **Intel** - QIB makes SCIF does not work with Xeon-phi
  - Woody thought it was resolved and is a change in the load order of various scripts. This will be resolved in OFED 3.18-2
- 2580 – NFSoRDMA PPC64LE client crashes while trying to mount NFSoRDMA server running on x86 box
  - Waiting for UNH-IOL – they are moving. And will not be available until mid-January 2016.

OFED 3.18-2 – what do we want to include
Distro Versions:
- RHEL 7.2 released on 11/19/2015 – this will require more work required on backports.
- SLES 12 SP1 released on 11/18/2015 – not much work on backports

Woody – Intel validation team report:
- SLES 12 SP1 - one patch for Xeon Phi
- RHEL 7.2 - there are a lot of compilation errors that need to be resolved

Steve - Chelsio
- He has not checked 3.18-1 on the new Distros but will do so.
- He also has some live cxgb4 fixes he wants to include in 3.18-2 and will provide a new package.

Jeff: no comments

Summary of new features for 3.18-2
1) **Woody**
   a) Libfabric 1.2.0 GA will be released before end of year.
   b) Sean mentioned ACM update may be needed.
2) **Steve** - new 1.3.6 release of cxgb4
3) **Tatyana**: Also on port Mapper fix under testing – this is a kernel fix for multiple connections. There is a response from User Space Library before we start waiting for it. Only happens when there are many connections. No bug number.

Other
AR: Vlad when you get back from vacation, please start daily build infrastructure so people can work on backports. People could use 3.18-1 to start work on backports.

Next Meeting
- No meeting on December 21 – Woody and Tatyana on vacation
- January 4th 2016 – next meeting

Chelsio – Steve Wise

12/13/2015

1) Check 3.18-1 on the new Distros for 3.18-2
2) He also has some live cxgb4 fixes he wants to include in 3.18-2 and will provide a new package.

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

10/17/2015

1) Bug 2574 – QIB makes SCIF does not work with Xeon-phi
   a) This is a loading order problem and they will incorporate fix into 3.18-2

7/6/2015

1) 2553 - Unable to run UD traffic using qperf - **Tom**'s team has been able to reproduce but has no RoCE hardware to resolve problem
   a) **Rupert** has given access to RoCE servers at Software Forge - Assigned to Vinit from Intel on 9/9/2015
   b) Turned over to Avago for now

Mellanox – Vlad

12/07/2015

1) Please start daily build infrastructure so people can work on backports. People could use 3.18-1 to start work on backports.

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. May need 4.5 - new features will not be available without new kernel.

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