

OFA EWG Meeting – 8/18/2014

Attendees

First	Last	Company	07/07/14	07/21/14	08/04/14	08/18/14
Steve	Wise	Chelsio	X	X	X	X
Pradeep	Kankipati	Emulex	X	X	X	X
Phil	Cayton	Intel			X	
Arlin	Davis	Intel		X		
Tom	Elken	Intel	X	X	X	X
Tatyana	Nikolova	Intel	X	X	X	X
Robert	Woodruff	Intel	X			X
Vladimir	Sokolovsky	Mellanox	X	X	X	X
Jeff	Becker	NASA	X	X		
Rupert	Dance	Software Forge		X	X	X
John	Jolly	SUSE			X	

Note: The toll-free number in the United States and Canada is 1-888-875-9370.

OFED 3.12 status

- **OFED 3.12-1 Daily Build 8/18/2014**
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.12-1-daily/OFED-3.12-1-20140818-0317.tgz>
 - Status of 1.0.19-1 release of librdmacm
- **OFED 3.12-1 User Package Status**
 - <https://ofa.causewaynow.com/wg/EWG/document/204>
 - New packages
 - ibpd
 - iibibscif
 - krping
- **OFED 3.12-1 Bug Status**
 - <https://ofa.causewaynow.com/wg/EWG/document/179>
- **Intel MIC integration status**

OFED 3.12-1

- Planned updates
 - Intel OFED-MIC
 - NFS Bug Fixes
 - RHEL 7.0
 - Updated packages
- RC Schedule

OFED 3.17 – next release

OFED 3.12-1 User Package Status

There are some new packages that have been committed to OFA Downloads and Rupert asked what these were:

- `ibpd` – these are required to support the Intel Xeon PHI - proxy daemon.
- `iibibscif` – this provides the interface for Xeon Phi and host via PCIe
- `krping` – this is a kernel version of `rping` and has been around for some time but it is not part of OFED. Steve Wise wrote this.

User packages that need updates - Woody

- 1) `librdmacm 1.0.19-1` – this was a minor issue with the compilation and Woody will ask Sean to do an update.
- 2) `dapl -2.1.1-1` – Arlin has released a new update which took care of one bug and also provided some additional features which Intel needed
- 3) `infinipath-psm` - there is an issue with the compiler in RHEL 7 and Intel also has some other updates pending . The last release was January 8. Woody says that the functionality is the same as what has been included in OFED 3.5.2 MIC. There may be a delay on this and if so we should proceed with RC1.
 - a) **Vlad**: there is still an issue with RHEL 7 and SLES 12. Woody said he knows RHEL 7 is fixed and hopefully SLES12
- 4) The OFED MIC patches are all in. Vlad says that the latest Daily build includes MIC.
 - a) Woody will get his team to produce a Readme for the Intel MIC features in OFED 3.12-1.
- 5) We decided to wait on OFED 3.12-1 RC1 until Woody lets us know the status of his team.
- 6) Pradeep – has some driver updates he would like to see included – he w

Bug Review

Bug [2475](#)

- 1) **Tom Elken**: The new `infinipath-psm` will fix this bug

Steve Wise - Bug [2489](#) and [2490](#)

- 1) He is all set as long as the fixes to NFSoRDMA have been included in OFED 3.12-1. He will test the daily build and see if it resolves the remaining bugs that are depending on NFSoRDMA. Steve will look at the bugs and close as appropriate.
- 2) Vlad – he added all of the NFS RDMA RHEL 6.5

Bug [2492](#)

- 1) This is an enhancement request for the perfest tools. Steve Wise has agreed to work on this because some functionality is needed for iWARP.

Bug [2494](#)

- 1) This is an NFSoRDMA that affects PPC and x86_64 machines. When the PPC64 system mounts an NFS share via RDMA, the Connectathon suite hangs at test 5 (read and write). While the PPC64 is in the hung state, the x86_64 server crashes and restarts.
- 2) Steve Wise has agreed to take a look at this as well

RC Status

- 1) Woody will check right away on `dapl` and `librdmacm` and let us know when they are resolved. He will also check with the Intel MIC team and make sure they are all set.
- 2) So mid-week we will decide when to go with RC1.

ARs

Jeff Becker

8/4/2014

- 1) Complete the backporting of NFSoRDMA for OFED 3.12-1 by August 15th so we can produce RC1 – done 8/15/2014
- 2) Work with Pradeep to solve Bug [2494](#)

IBM

8/4/2014

- 1) Work with Jeff Becker and UNH-IOL to solve Bug [2494](#) before RC1

4/28/2014

- 1) Pradeep will try and get another PPC64 for the OFA Cluster at UNH-IOL because it will help with diagnosing issues that seem to be turning up with OFED running on Big Endian machines.

2/17/2014

- 1) Pradeep will try to get Mellanox FW and adapter model to test IB on NFSoRDMA

Intel

8/18/2014

Woody

- 1) Provide status updates on dapl and librdmacm - done 8/22/2014
 - a) <https://www.openfabrics.org/downloads/dapl/dapl-2.1.1.tar.gz> - released 8/13/2014 and is good to go
 - b) <https://www.openfabrics.org/downloads/rdmacm/librdmacm-1.0.19.1.tar.gz> - released 8/18/2014
- 2) Check status on infinipath-psm - done 8/22/2014
 - a) Suggest that we go ahead with RC1 w/o the new PSM library and then add it in in RC2 in a couple of weeks.
- 3) Get Intel MIC team to do release notes on new Intel MIC functionality built into OFED 3.12-1

8/4/2014

- 1) **Phil Cayton** – create releases notes and installation procedures for Intel MIC incorporated into OFED

7/21/2014

- 1) **Tom Elken** Get updated infinipath-psm and qib packages by August 15th

Rupert

8/4/2014

- 1) Rupert ask UNH-IOL to test SLES 12 – sent request to John Jolly for access on 8/14/2014