

## OFA EWG Meeting – 12/8/2014

### Attendees

First	Last	Company	10/27/14	11/10/14	11/24/14	12/08/14
Eddie	Wai	Broadcom	X	X	X	X
Steve	Wise	Chelsio	X	X		X
Pradeep	Kankipati	Emulex	X	X	X	X
Pradeep	Satyanarayana	IBM	X	X	X	X
Arlin	Davis	Intel	X		X	
Tom	Elken	Intel	X	X	X	X
Tatyana	Nikolova	Intel	X	X		X
Robert	Woodruff	Intel				X
Vladimir	Sokolovsky	Mellanox	X	X	X	X
Jeff	Becker	NASA		X		
Rupert	Dance	Software Forge	X	X	X	X
John	Jolly	SUSE	X		X	

### Meeting Minutes

- 11/10/2014: <https://ofa.causewaynow.com/wg/EWG/document/285>
- 11/24/2014: <https://ofa.causewaynow.com/wg/EWG/document/286>

### Agenda

#### OFED 3.12-1 status

- **OFED 3.12-1-RC4** - Released 12/04/2014
  - <https://www.openfabrics.org/downloads/OFED/ofed-3.12-1/OFED-3.12-1-rc4.tgz>
- **OFED 3.12-1-GA**
  - Release notes
  - **Scheduled release 12/18/2014**
- **OED 3.18** – latest daily build 12/08/2014
  - <https://www.openfabrics.org/downloads/OFED/ofed-3.18-daily/OFED-3.18-20141208-0405.tgz>
  - Status of OFED 3-18
    - libcxgb3 - patches have been submitted for RHEL 7.0 and SLES 12
    - libcxgb4 - patches have been submitted for RHEL 7.0 and SLES 12
    - libocrdma issue has been resolved
    - nfsordma has been updated – Vlad used 3.12-1 patches and they are OK
  - Backports issues
    - Any incomplete?
  - Supported OSs
    - RHEL 7.0 - supported
    - SLES 12 - supported
  - Plans for additional OSs
    - RHEL 6.5 and 6.6
    - SLES 11 SP3
    - RHEL 7.1
- **OFED 3.12-1 User Package status**
  - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/393>
- **OFED 3.12-1 Bug Status**
  - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/394>
  - Bug [2489](#) – NFSoRDMA – need to test using OFED 3.18
  - Bug [2492](#) – Perfest - enhancement
  - Bug [2502](#) – RDS – under consideration at Oracle

- Bug [2507](#) – Kernel panic NFSRDMA – need to test using OFED 3.18
- **OFED 3.18 Bug Status**
  - Bug [2510](#) - compat-rdma build fails during install.pl – RHEL 6.5 is not supported yet
- **OFA IWG Interop testing status**
  - Waiting for OFED 3.12-1 GA

## Start of Meeting

**OED 3.12-1 RC4** – Released 12/04/2014

- 1) <https://www.openfabrics.org/downloads/OFED/ofed-3.12-1/OFED-3.12-1-rc4.tgz>
- 2) Steve says that Chelsio has run regression tests and things look good.
- 3) Woody – his folks have also done testing and so far things look good.
- 4) Pradeep – Emulex – they will start testing today.
- 5) **AR**: Rupert: update Release notes for OFED 3.12-1 GA
  - a) Be sure to include that it supports both SLES 12 and RHEL 7.0

**OED 3.18** – latest daily build 12/08/2014

- <https://www.openfabrics.org/downloads/OFED/ofed-3.18-daily/OFED-3.18-20141208-0405.tgz>
- Steve - Chelsio
  - They have provided back ports for the kernel part and so they support SLES 12 and RHEL 7.0. However he will have to check on RHEL 6.5 and 6.6. He would rather wait until Vlad has built in support.
- Vlad
  - SLES 12 AND RHEL 7 - the backports are in
  - He has started to work on supporting RHEL 6.5 and 6.6 and will try to push them out tomorrow.
  - libocrdma has been incorporated and is working. As far as he knows, everything is now supported.
- Emulex - Pradeep
  - He will get patches for RHEL 7 and SLES 12 in a few days for libocrdma
  - He will test 3.18 and try to validate it for use in the OFA Interop GA by 12/18/2014
- Pradeep from IBM
  - No known issues but need to do more testing
- Tatyana
  - She has a fix for the port mapper and will submit soon.
  - The Port Mapper user space services needs different script to install on RHEL 7 versus 6.5

## OFED 3.18

Plans for additional OSs

- RHEL 6.5 and 6.6
- SLES 11 SP3
- RHEL 7.1
  - Woody feels like we should include RHEL 7.1 because it is in Alpha and will be ready by the time we have all the bits ready in OFED 3.18 which will like not be until January 2015.

## OFED 3.18 RC1

- 1) Vlad – it may be too soon to complete by 12/18/2014. Hope to finish RHEL 6.5 and 6.6 this week
- 2) Woody and Steve both feel it should have all the features before we release an RC
- 3) Woody – MIC stuff needs to be developed for OFED 3.18 and they have not done that.

## **Xeon Phi** - Tom Elken

- 3.12-1 RC4
  - The patches were applied but needs to check Karun Sharma who does testing
- 3.18
  - Need to check on QIB and MIC – he does not think support has been provided for 3.18 yet.

## **OFED 3.12-1 Bug Status**

- <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/391>
- Bug [2489](#) – NFSoRDMA – delayed until OFED 3.18
- Bug [2492](#) – Perfest - enhancement
- Bug [2502](#) – RDS – under consideration at Oracle - WONTFIX
- Bug [2507](#) – Kernel panic NFSoRDMA

## **OFED 3.18 Bug Status**

- Bug [2510](#) - compat-rdma build fails during install.pl – Vlad will work on RHEL 6.5

## **NFSoRDMA** - Bug [2489](#) and Bug [2507](#)

- 1) Vlad – NFSRDMA should be working properly for RHEL 7 and SLES 12 using OFED 3.18
- 2) Rupert suggested that we should ask UNH-IOL to test NFSoRDMA using 3.18 and she is these bugs have been resolved. If they have then we will note them as Known Issues in 3.12-1.
- 3) Pradeep feels this is a reasonable approach for NFSoRDMA

## **RDS** – Bug [2502](#)

- **Stan** has been working with Oracle to get it to a functional state. **Chien** noted that we have been working with Stan in preparing Oracle RDS for upstream submission since September. We are stuck in getting git history of RDS patches prior to 2012.
- We are hoping we could retrieve some history from Mellanox OFED 1.5.5.

## **Perftest** - Bug [2492](#)

- This is a perfect enhancement – he has someone who started and then left. It is still a low priority but Chelsio wants it in 3.18 and he will get it done.

## **Open Issues**

- 1) **Pradeep from Emulex** – When is the OFA Interop Logo Event
  - a) It will start as soon as the OFED 3.12-1 GA has been released. We are hoping for 12/18/2014 which is two weeks after the release of RC4.

## **Meeting on 12/22/2014**

- 1) Woody will not be available. Tom does not care but will be available.
- 2) Tatyana – OK with keeping meeting.
- 3) Vlad reminds us that 12/22/2014 is Hanukah an so it is not a good day for him.
- 4) **Conclusion:** we will wait and see if there are any pressing issues that need to be resolved.

## **ARs**

**Chelsio – Steve Wise**

9/15/2014

- 1) Send patch for Bug [2492](#) upstream to the perftest maintainer and ask them to check out and accept the patch  
– in process

**IBM**

**Intel**

**Rupert**

12/8/2014

- 1) Update Release notes for OFED 3.12-1 GA

**UNH-IOL**