

## OFA EWG Meeting – 11/10/2014

### Attendees

First	Last	Company	09/15/14	10/13/14	10/27/14	11/10/14
Frankie	Fan	Broadcom	X			
Eddie	Wai	Broadcom	X	X	X	X
Steve	Wise	Chelsio	X	X	X	X
Pradeep	Kankipati	Emulex			X	X
Pradeep	Satyanarayana	IBM	X	X	X	X
Phil	Cayton	Intel				
Arlin	Davis	Intel		X	X	
Tom	Elken	Intel	X	X	X	X
Tatyana	Nikolova	Intel	X	X	X	X
Robert	Woodruff	Intel	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	X	

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

### OFED 3.12-1 status

- **OFED 3.12-1-RC3** - Released 10/14/2014
  - <https://www.openfabrics.org/downloads/OFED/ofed-3.12-1/OFED-3.12-1-rc3.tgz>
  - Vendor testing status
- **OFED 3.12-1-RC4**
  - This will be released once bug 2508 is resolved
  - Xeon Phi Status – ready to go
- **OFED 3.12-1-GA** pending
  - Two weeks after release of rc4
- **OED 3.18** – latest daily build 11/08/2014
  - <https://www.openfabrics.org/downloads/OFED/ofed-3.18-daily/OFED-3.18-20141108-2332.tgz>
  - Backports issues
    - libcxgb3
    - libcxgb4
    - libocrdma
    - libiwpm
    - cxgb3
    - cxgb4
- **OFED 3.12-1 User Package status**
  - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/383>
- **OFED 3.12-1 Bug Status**
  - Bug [2489](#) – NFSoRDMA – delayed until OFED 3.18
  - Bug [2492](#) – Perfest - enhancement
  - Bug [2502](#) – RDS – under consideration at Oracle
  - Bug [2507](#) – Kernel panic NFSRDMA
  - Bug [2508](#) - PSM & qib driver build issues
  - Bug [2511](#) - Uninstall of ofed package throws dependency of RPM's
- **OFA IWG Interop testing status**

## OFED 3.12-1 Status update

### 1) Arlin Davis via email

- a) I will be unable to attend tomorrow's EWG so here is a quick update. We have tested the latest daily build, with qib fix, and everything looks good for a RC4 drop. RH7 and MIC support looks good for both mlnx and qib adapters. I would recommend a 2 week max for RC4 testing and final GA unless we run into another showstopper.

### 2) Tom Elken

- a) Intel will be providing some updates which will enable us to close out bug 2508.

### 3) Steve Wise

- a) Chelsio is good with releasing RC4

### 4) Pradeep Kankipati

- a) He has tested rc3 and it works well.

## OFED 3.18 Status update

### 1) Tatyana

- a) She wants to thank Vlad for making 3.18 available for the OFA Interop Debug event. Everything is good and she has made lots of progress. She will also provide a user space package after making a few fixes.

### 2) Vlad:

- a) 3.18 works with SLES12 and as well as RHEL 7
- b) There is support for ibcore and MLX and Tatyana has added backports libnes.
- c) Backports needed
  - i) libcxgb3
  - ii) libcxgb4
  - iii) libocrdma
- d) He will work on RHEL 6.5 and 6.6 support as well as SLES 11 SP3
- e) NFSoRDMA – he will check status on RHEL and SLES

### 3) Steve Wise

- a) He is working on backports and hopes to get them going in next few weeks
- b) **Vlad:** compat-rdma is different now and uses auto-tools to check kernel configuration. Look at Mellanox drivers

### 4) Pradeep – IBM

- a) We tested 3.18 and RoCE during the OFA Interop debug event and it interoperated with Mellanox OFED.
- b) We also tried 3.12-1 but it did not interoperate with Mellanox OFED. The patches needed were in the 3.15 kernel and so we decided to go to 3.18

### 5) Jeff Becker - NASA

- a) Where did SM run? **Pradeep** there is no SM on RoCE
- b) He is concerned because Mellanox OFED SM has more capabilities than OpenSM. However the Mellanox SM is closed door at this point and is not available in OFED SM.
- c) There is some indication they will put some into OFA. There are legal issues and so time frame is unknown. Mellanox OFED more stable in a large fabric. Working with Mellanox lawyers to get source code.

### 6) Pradeep – Emulex

- a) They are aware that they need to provide backports for RHEL

## Steve

- 1) Take AR to find out next releases for RHEL and SLES. He believes that 7.1 may be come in time for OFED 3.18 because the Kernel is already at rc4 and he feels that the Linux 3.18 kernel should be done by end of November.
- 2) We feel that OFED 3.18 can be ready by the end of January

## OFED Bug Status

### 1) Jeff Becker - NFSoRDMA

- a) Bug [2489](#) – NFSoRDMA – need to test using OFED 3.18
- b) Bug [2507](#) – Kernel panic NFSRDMA – need to test using OFED 3.18
- c) Chuck Lever just posted some patches up stream and we should be able to backport for 3.18

### 2) Pradeep – Emulex

- a) He thinks the existing bug will be solved shortly

### 3) Steve

- a) Bug [2492](#) – Perfest - enhancement
- b) He will work on Bug 2492 because he wants this resolved for 3.18

### 4) Vlad

- a) Bug [2511](#) - Uninstall of ofed
- b) He will fix this in the next daily build

## ARs

### Chelsio – Steve Wise

9/15/2014

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

## IBM

## Intel

## Rupert

## UNH-IOL