

## OFA IWG meeting – 9/24/2013

### Attendees

First	Last	Company	08/13/13	08/27/13	09/10/13	09/24/13
Tom	Reu	Chelsio			X	X
Martin	Schlining	DataDirect Networks	X	X		X
Jeff	Kopko	Emulex	X	X	X	X
Pradeep	Satyanarayana	IBM	X		X	X
Harry	Cropper	Intel	X	X	X	
Mitko	Haralanov	Intel	X			
Jess	Robel	Intel	X	X	X	X
Yevgeny	Petrilin	Mellanox				
Rupert	Dance	Software Forge		X	X	X
James	English	UNH-IOL	X	X	X	X
Nate	Landolt	UNH-IOL	X	X		
Glenn	Martin	UNH-IOL	X			X
Edward	Mossman	UNH-IOL	X	X	X	X
Bob	Noseworthy	UNH-IOL	X	X	X	
Nate	Rubin	UNH-IOL	X	X	X	X

### 2013-2014 Events

#### Interop and Plugfest Events

- **October 2013**
  - [IBTA PF24](#) 10/07 → 10/18/2013
  - [OFA Interop Debug Event](#) 10/14 → 10/18/2013
- **April 2014**
  - IBTA PF25 03/31 → 04/11/2014
  - OFA Interop Debug Event 04/07 → 04/11/2014

#### OFA Training

- January 13 → 16 2014

### OFA EWG Status

- OFED 3.5-1
  - [OFED 3.5-1 GA](#)
- OFED 3.5-2
  - [OFED 3.5-2 RC1](#)
  - Glenn is testing SL 6.4
- OFED 3.11 or 3.12
  - **Goal:** RC in time for the October 2013 Interop Debug Event.
  - GA sometime in November

## October 2013 Interop Debug Event

**Rupert** asked all vendors the status of their firmware for the upcoming event.

### Intel

- 1) Jess will send the firmware updates for the Intel IB cards.

### Mellanox

- 1) Mellanox will be sending firmware soon.
- 2) Mellanox has been contacted about providing RoCE adapters, no response yet.

### Emulex

- 1) Emulex has supplied the UNH-IOL with updated firmware and drivers for SL 6.3. They will supply drivers for SL 6.4 soon.

### IBM

- 1) 10/40 GbE Switches – Pradeep is still looking into providing a 40GbE switch for the event.
- 2) 40 RCA – It is unlikely IBM will be supplying a 40GbE adapter for the event.
- 3) There will be no firmware updates for IBM's adapter.

### NetApp

- 1) Abdel will be contacted about firmware updates.

### Chelsio

- 1) 40GbE RNIC – Tom confirmed that Chelsio will be bringing two T5 40GbE cards. These will probably replace the T4 SFP+ cards currently in the iWARP cluster.
- 2) 40GbE Switch – Currently there is only a 10GbE switch in the iWARP cluster. Tom will inquire about providing a 40GbE switch.

## OFED Updates

### 3.5-1 GA release

- 1) Goal is to provide support for RHEL 6.4
- 2) One change from RC
  - a) Old version of MTHCA driver updated

### 3.5-2 RC1

- 1) Major issues
  - a) SLES 11 sp3 compatibility
    - i) UNH-IOL has applied patch to allow for this, but has not fully tested it
  - b) Removed compat-dapl package
  - c) All the updates to packages since 3.5 have been included
- 2) This will be used in the upcoming GA event
  - a) Rupert asked that everyone run tests against 3.5-2
    - i) Marty has tested it on Centos 6.4 which uses the 358 kernel and it is working well
    - ii) Jess has put it on some of her machines but has not done extensive testing
    - iii) UNH-IOL has done a small amount of testing on RC1 but not enough to report back

## Test Plan review

### **RSocket Test Procedure**

- 1) Nate and James have been testing this on RoCE and IB. Results remain the same from last week.
  - a) **AR:** Nate will ping Sean Hefty to work out kinks in test plan

### **NFSoRDMA**

- 1) The status of NFSoRDMA on RoCE remains the same as last week. James has sent results to vendors in order to resolve issues.

### **iSER**

- 1) Jeff – Emulex has done some testing.
  - a) Not ready for testing in October
  - b) After the October event, would like to talk about forming test plan for future events.

### **RoCE over long distance - Bob Noseworthy**

- 1) It was decided that looking into this will be put on hold until other new RoCE tests are worked out.

### **Opens**

- 1) Rupert – There will be no meeting in two weeks. If anyone needs it, a meeting can be scheduled for next week.

## Action Requests (ARs)

### Emulex – Jeff

9/10/2013

- 1) Provide FW updates to UNH-IOL for NFSoRDMA testing
- 2) Check on status of iSER – [done 9/24/2013](#)

8/27/2013

- 1) Review the changes to NFSoRDMA and see how they apply to RoCE – [done 9/24/2013](#)
- 2) Are there changes needed for the iSER test plan so it will support RoCE – [done 9/24/2013](#)

### IBM - Pradeep

9/10/2013

- 1) Check on the availability of 40 GbE RCA and Switches for the Interop Debug Event.

### Software Forge - Rupert Dance

9/10/2013

- 1) Contact Mellanox and ask them to participate in RoCE Interop testing – [done 9/18/2013](#)
- 2) The comment about IB only applies to the line mentioning OpenSM – fix test plan – [done 9/24/2013](#)

### Older

- 1) Update Logo Program to include OFA Policy regarding OFILG Membership and granting of the Logo
- 2) Check with EWG and XWG about the distribution of OFED Binaries
- 3) Create Logo with version or change Logo Guidelines – [see 4/3/2012 minutes](#)

### UNH-IOL

9/24/2013

- 1) **Nate:** get in contact with Sean Hefty to work out kinks in RSocket test plan

9/10/2013

- 1) Nate and James will work with Jeff and Pradeep to resolve issues they have found with NFSoRDMA over RoCE – [in process 9/24/2013](#)

7/30/2013

- 1) Execute the full uDAPL test Suite for RoCE and make sure there are no issues