

OFA IWG Meeting – 3/24/2015

First	Last	Company	02/10/15	02/24/15	03/10/15	03/24/15
Martin	Schlining	DataDirect Networks	X		X	X
Dean	Cimoli	Emulex	X	X	X	X
Pradeep	Satyanarayana	IBM	X	X	X	X
Harry	Cropper	Intel	X		X	X
Jess	Robel	Intel	X		X	X
Jim	Ryan	Intel	X	X	X	X
Tatyana	Nikolova	Intel		X		
Rupert	Dance	Software Forge		X	X	X
Bill	Boas	System Fabric Works		X		X
Tim	Carlin	UNH-IOL	X	X	X	X
Bob	Noseworthy	UNH-IOL	X	X		X
Stefan	Oesterreich	UNH-IOL				X
Chuck	Valenza	UNH-IOL	X	X		
Dave	Wyman	UNH-IOL	X	X	X	X

Agenda

- **Meeting Minutes from 3/10/2015:** <https://ofa.causewaynow.com/wg/OFLIG/document/305>
- **Interop and Plugfest Events**
 - **April 2015**
 - OFA Interop Debug Event 04/20 → 04/24/2015
 - **October 2015**
 - OFA Interop Debug Event 10/19 → 10/23/2015
- **OFA EWG Status**
 - OFED 3.12-1 – GA released on 1/22/2015
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.12-1/OFED-3.12-1.tgz>
 - OFED 3.18 Daily Build – latest is 3/16/2015
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.18-daily/OFED-3.18-20150316-0705.tgz>
 - OFED 3.18 RC1 – released 3/11/2015
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.18/OFED-3.18-rc1.tgz>
 - OFED 3.18 RC2 and GA
 - RC2 planned for ~4/1/2015
 - GA planned for end of April early May
 - OFED 4.0
 - Includes support for routable RoCE v2
 - Daily build ETA – early April
- **OFED Bug Status as of 3/17/2015**
 - <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/438>
- **OFA Interop Logo GA Event – testing update – UNH-IOL leading**
 - IB using OFED 3.12-1 GA – NFSRDMA and RSocket outstanding as of 3/10/2015
 - iWARP using OFED 3.12-1 GA – complete as of 3/10/2015
 - RoCE using OFED 3.18 – testing started again when RC1 was released on 3/11/2015

- Report status
- **April OFA Interop Debug Event Planning - 04/20 → 04/24/2015**
 - Need changes to the test plan based on Logo GA testing
 - ULP testing update
 - iSER
 - libfabric testing
 - OFED version
 - 3.18 for mainstream testing
 - 4.0 for development and debug

Start of Meeting

IB testing is complete

- 1) There are still some issues with NFSRDMA according to UNH-IOL – Rupert has found out the problem with the help of with the NFS community and passed on the solution for UNH-IOL to resolve.
- 2) RSocket – they are not sure of the status – Rupert has found out the problem with the help of Sean and passed it on to UNH-IOL on 4/2/2015
- 3) Reports are not what will go on Website but are the first drafts and subject to arbitration.
 - a) If test plan shows signs of failure, then they call the device a failed. But if test plan or OFED is the basis they will
 - b) **Arbitration:** two weeks for vendor and two weeks for IWG to resolve.

RoCE - Dave

- 1) Still some issues with things hanging and not working.
- 2) He will send out reports.
- 3) They have tried 15 different daily builds or RCs
- 4) Debug event is coming up and so they need to focus on that.
- 5) Bob has asked us to stop and just report. Vendors have said they don't have drivers to support RC1. There are still vendors trying to resolve issues.
- 6) Bob cannot restart process with another build. He feels we need to move on and do RoCE Logo List in June with 3.18 GA.
- 7) Bob encourages vendors on site for debugging. He wants to need Logo Process for RoCE. By moving on it allows us to open up the cluster for debugging
- 8) Pradeep supports the idea of moving on and not producing OFA Logo List.
- 9) Bill – are we testing V1 or V2
 - a) V1 but there are some features that required
 - b) Agenda item
 - i) libfabric
 - ii) Soft RoCE
 - iii) Soft iWARP
 - c) IBM and Bernard.
- 10) Pradeep
 - a) OFED 3.18 GA – we should not proceed
 - b) Wants to wait for Interop Debug
- 11) Bob – Reports all ready to go. Please respond ASAP. Once reports are signed off then we go live. Wants to get this done before April Interop debug event.

Rupert: Test Plan updates

- 1) Rupert has been asking for updates from UNH-IOL. SFI starts IBTA Plugfest testing on 4/1/2015 and so Rupert asks UNH-IOL to provide before that time.
- 2) Need changes to the test plan based on Logo GA testing
- 3) ULP testing update
 - a) iSER – Tim has no updates. Rupert asks to provide in 1 week please – he will check with iSCSI
 - b) libfabric testing -
- 4) OFED version – Rupert suggests
 - a) 3.18 for mainstream testing
 - b) 4.0 for development and debug

Cables

- 1) Rupert has worked with UNH-IOL to identify the cables that are needed for the OFA cluster. He asked Jim Ryan to take this issues to the BoD because it is both technical issues and financial.
- 2) Rupert has provided all of the hundreds of cables over the years for the OFA cluster through his connection with the IBTA. However he does need he can obtain any more free cables from them.

Dean from Emulex

- 1) When for RoCE Reports – one week
- 2) They may have interest in iSER

OFED 3.18

- 1) **Bug 2523:** http://bugs.openfabrics.org/bugzilla/show_bug.cgi?id=2523
- 2) libfabrics – cured in RC2
- 3) Dapl update
- 4) GA planned for end of April early May
- 5) Bob wants to wait on GA until we get debug event

Action Requests (ARs)

IBM – Pradeep

1/13/2015

- 1) Please push NFSRDMA to get a solution in the OFED 3.18 code and then ask UNH-IOL to verify – 3/17/2015 - Rupert has verified with maintainers and submitters that the issue has been resolved. Waiting for final verification from UNH-IOL

Intel

3/10/2015

1) Jim Ryan

- a) The OFA Cluster at UNH-IOL needs more cables. Please bring up this topic at the OFA Dev Con.

UNH-IOL

3/10/2015

- 1) UNH-IOL to provide a list of changes needed for the Test Plan after GA testing is complete
- 2) Be sure to run RDMA Stress Test for RoCE in the Debug event so we can make it mandatory for the May OFED 3.18 GA event.

12/2/2014

- 1) Test OFED 3.18 and see if it has resolved the NFSRDMA issues – waiting for NFSoRDMA fixes in 3.18

9/23/2014

- 1) Test -R option to perfect and submit suggested updates for test plan – Glenn will do -R and -z
- 2) Provide color key for Test Results Key – trivial may wait until after Plugfest

8/26/2014

- 1) iSER updates due by next meeting – no progress as of 10/7/2014 – Bob will follow up and Dr Russell will help out. Need to emulate a link partner. Bob asks vendors to get active that have target interest.