

OFA IWG Meeting – 9/23/2014

First	Last	Company	08/12/14	08/26/14	09/09/14	09/23/14
Bob	Dugan	Chelsio	X	X	X	
Martin	Schlining	DataDirect Networks			X	X
Dean	Cimoli	Emulex	X		X	X
Pradeep	Satyanarayana	IBM		X	X	
Harry	Cropper	Intel	X	X	X	X
Jess	Robel	Intel		X		X
Rupert	Dance	Software Forge	X	X	X	X
Glenn	Martin	UNH-IOL	X		X	
Edward	Mossman	UNH-IOL	X	X	X	X
Bob	Noseworthy	UNH-IOL			X	
Stefan	Oesterreich	UNH-IOL	X	X	X	
Chuck	Valenza	UNH-IOL	X			
Dave	Wyman	UNH-IOL	X	X	X	X

Agenda

- **Meeting Minutes**
 - 08/26/2014: <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/371>
 - 09/09/2014: <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/372>
- **Interop and Plugfest Events**
 - **October 2014**
 - IBTA PF26 10/20 → 10/31/2014
 - OFA Interop Debug Event 10/27 → 10/31/2014
 - **Registration:** https://www.iol.unh.edu/services/testing/ofa/events/invitation_2014-10.php
 - **April 2015**
 - IBTA PF27 04/13 → 04/24/2015
 - OFA Interop Debug Event 04/20 → 04/24/2015
- **OFA EWG Status**
 - OFED 3.12-1 – **RC2** released on 9/16/2014
 - <https://openfabrics.org/downloads/OFED/ofed-3.12-1/OFED-3.12-1-rc2.tgz>
 - OFED 3.12-1 Daily Build – latest is 9/18/2014
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.12-1-daily/OFED-3.12-1-20140918-0427.tgz>
 - RoCEv2 support
 - RoCEv2 is a feature that was not sent upstream yet. We hope it will be in 3.18.
- **OFED User Package**
 - <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/370>
- **Bug Status**
 - OFED 3.12-1 – bug status as of 9/22/2014
 - <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/369>
- **Distro Status**
 - Red Hat has provided RHEL 7.0 for testing
 - SUSE has provided SLES 12 RC3 for testing
- **October 2014 - OFA Interop Debug Event**
 - Review updated Logo Program Document
 - <https://ofa.causewaynow.com/wg/OFLIG/document/266>

- Test Plan
 - Review update with the results key: <https://ofa.causewaynow.com/wg/OFLIG/document/26>
 - **Pending:** iSER
 - -R Option on perfest
 - RoCE – 40 GbE testing
 - RoCEv2 Specs: <https://cw.infinibandta.org/document/dl/7781>
 - Mellanox 40 GbE
- **Opens**

OFED Bug Status

<https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/369>

Bug [2494](#) - Dave

- 1) Dave Wyman has applied the patch supplied by Steve Wise to several systems including PPC and x86_64 and the Connectathon test suite now runs to completion.
- 2) The issue was that the different platforms were not negotiate proper size of the message because the page sizes are different on a x86 and a PPC.
- 3) **AR:** Test against RC2.

OFED Status

- 1) OFED 3.12-1 RC2 includes support for RHEL 6.4, 6.5 and 7.0
- 2) OFED 3.12-1 RC3 will include support for RHEL 6.6

October 2014 Interop Debug Event

- 1) Registration is now open.
 - a) IBTA and OFA Members:
 - i) http://infinibandta.org/content/pages.php?pg=events_plugfest
 - b) OFILG Only:
 - i) https://www.iol.unh.edu/services/testing/ofa/events/invitation_2014-10.php
- 2) IBTA - RoCEv2 Specs have been posted
 - a) <https://cw.infinibandta.org/document/dl/7781>
- 3) Logo Program
 - a) <https://ofa.causewaynow.com/wg/OFLIG/document/266>
 - b) We reviewed the updated Logo Program. Rupert had posted a clean version and updated the parties who may participate in the Arbitration Committee. See proposal from Jim Ryan in November 2012
 - c) **AR:** Post updated Logo Program
- 4) Updated Test Plan
 - a) <https://ofa.causewaynow.com/wg/OFLIG/document/26>
 - b) The major change in this version was the addition of the Test Results Key which we reviewed in the 9/9/2014 OFA IWG meeting.
 - c) Test Results Key Edward says it is clear and consistent. Good to have the key. He would like to add the colors which are used by UNH-IOL and Rupert agreed but asked him to produce that list. We also discussed the difference between the words compliance and conformance. They seem to be fairly similar but Edward prefers conformance – FrameMaker does not recognize conformance so Rupert Changed it to compliance.

- d) **iSER**: Edward has not completed the test update and feels it will not be ready for this Plugfest
- e) Rupert asked UNH-IOL to test the -R option in perfctest and provide a suggested update for the Test Plan.

Table 21 - Test Results Key

Key	Meaning	Interpretation
Pass	Pass	The Device Under Test (DUT) was observed to exhibit compliant behavior.
PWC	Pass with Comments	The Device Under Test (DUT) was observed to exhibit compliant behavior, however changes were made to the normal test procedure or the behavior observed requires additional comments
QP	Qualified Pass	The DUT was generally observed to exhibit compliant behavior; however there are some known issues or defects which are outlined below.
Fail	Fail	The Device Under Test (DUT) was observed to exhibit non-compliant behavior.
Info	Informative Result	This test is designed for informational purposes only. The results may help provide the interoperability information about the DUT to the end user, but the publication of these results is not required. Note: The reporting of Beta test results is optional and at the sole discretion of the vendor.
Warn	Warning	The DUT was observed to exhibit behavior that is not recommended.
N/S	Not Supported	The DUT was not observed to support the necessary functionality required to perform these tests.
N/T	Not Tested	This test was not performed and therefore this is not a complete test report. Please see the comments for additional reasons.
UA	Unavailable	The test was not performed due to limitation of the test tool(s) or interoperable systems, or the test methodology is still under development.
RTC	Refer to Comments	From the observations, a valid pass or fail was not determined. An additional explanation of the situation is included.

Action Requests (ARs)

IBM – Pradeep

5/06/2014

- 1) See if you can get IBM to ship us an addition PPC64 machine with HMC so we can setup a serial console for debugging – in process as of 9/11/2014

Software Forge – Rupert Dance

9/9/2014

- 1) Ask Mellanox to make 40 GbE RCA and Switch available for testing – Mellanox committed as of 9/23/2014
- 2) Review Logo Program update and add other pending updates
- 3) Add results key to Interop Test plan - done 9/23/2014

7/29/2014

- 1) AR on [Bug 2494](#): Rupert follow up with the developers and Dean will follow up with Devesh - done 9/23/2014 – validated the patch. Will have to wait until OFED 3.17 or 3.18 to have this fix available in the kernel.

UNH-IOL

9/23/2014

- 1) Test the patch for [Bug 2494](#) against RC2.
- 2) Test –R option to perfest and submit suggested updates for test plan.
- 3) Post updated Logo Program and Test Plan to the website – done 9/23/2014
- 4) Provide color key for Test Results Key

9/9/2014

- 1) Logo Program updates: some of the tests in the IB section say IPoIB Datagram mode only – why is that?

8/26/2014

- 1) iSER updates due by next meeting
- 2) Logo Program Update due by next week – done 9/8/2014
- 3) UNH-IOL do some testing and validate CentOS 7.0

8/12/2014

- 1) Chuck to determine problem with Visio topology diagrams when copying and pasting to a new tab
- 2) Test SLES 12 – available as of 9/22/2014

7/15/2014

- 1) Research needs to be done to enhance the iSER test suite and then test iSER in OFED 3.12-1

5/06/2014

- 1) Check out the “-z” option of the perfest utilities