

OFA IWG Meeting – 5/6/2014

Attendees

First	Last	Company	02/25/14	03/11/14	03/25/14	05/06/14
Bob	Dugan	Chelsio	X	X	X	
Martin	Schlining	DataDirect Networks	X	X	X	
Dean	Cimoli	Emulex	X	X	X	X
Jeff	Kopko	Emulex		X		
Pradeep	Satyanarayana	IBM	X	X		X
Harry	Cropper	Intel		X	X	
Jess	Robel	Intel	X	X	X	X
Jim	Ryan	Intel			X	
Rupert	Dance	Software Forge	X		X	X
James	English	UNH-IOL		X		X
Glenn	Martin	UNH-IOL		X		
Edward	Mossman	UNH-IOL	X	X	X	X
Bob	Noseworthy	UNH-IOL		X		
Chuck	Valenza	UNH-IOL				X

Agenda

- **Interop and Plugfest Events**
 - **October 2014**
 - IBTA PF26 10/20 → 10/31/2014
 - OFA Interop Debug Event 10/27 → 10/31/2014
 - **April 2015**
 - IBTA PF27 04/13 → 04/24/2015
 - OFA Interop Debug Event 04/20 → 04/24/2015
- **April 2014 Interop Debug Event**
 - **Status updated from UNH-IOL**
 - Test Plan updates – RDMA Interop – see updated test plan
 - Use of –R option
 - Plans for Logo GA Event
- **OFA EWG Status**
 - OFED 3.12 RC1
 - <http://www.openfabrics.org/downloads/OFED/ofed-3.12/OFED-3.12-rc1.tgz>
 - OFED 3.12 – latest daily build – 05/01/2014
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.12-daily/OFED-3.12-20140501-0245.tgz>
 - OFED 3.12 RC2
 - Projected for Thursday 5/8/2014
 - OFED 3.12 GA
 - Two weeks
 - OFED Bug list – review of latest status
- **Opens**

April 2014 Interop Debug Event - Status updates from UNH-IOL

- 1) IB - Edward
 - a) No problems out of the ordinary were noted and the results were as expected
 - b) We discovered a problem with RSocket and Intel HCA but it is not a problem because RSocket testing is Beta. Sean Hefty from Intel is the originator of the code is working on a resolution so RSocket will work with Intel HCAs.
- 2) RoCE - James
 - a) No major issues
 - b) No major bugs
- 3) iWARP - Chuck
 - a) Most things have been passing
 - b) Nothing has come up that they did not expect
 - c) Chelsio has been doing a lot of updates to support the new T5 cards
- 4) Marty from DDN did some experimental testing
- 5) UNH-IOL and Software Forge have also been testing OFED 3.12 Daily builds from the following dates:
 - a) 3/20
 - b) 4/14
 - c) 5/1
- 6) **Perftest Issues:** There have been some perftest issues which have now been resolved. These included issues with the tests such as `ib_send_bw`, etc. There were also some endian issues Bugs [2479](#) and [2480](#)
 - a) UNH_IOL provided VPN access to the IBM server in the OFA Cluster and that allowed us to resolve.
- 7) Bug [2499](#) – NFSoRDMA endian - Pradeep
 - a) Jeff, Tom, Chuck Lever and Shirley MA
 - b) Doing a wonderful job but when the machine gets hung it is a problem.
 - c) **Pradeep** reports that the machine sent to the OFA Cluster does not have a Hardware Management Console (HMC) and that is needed to setup a serial console which would allow remote users to see the crash and re-boot the server. He will research and see if he can get us another machine.

Test Plan Update

- 1) **Dean** noticed that "OFA-IWG_Interoperability_Test_Plan-v1 50-v1.pdf" page 78 - Step 2a does not have the `-n` option for the server command line.
 - a) Rupert has updated this in v2 and Dean says this is updated correctly
- 2) **Pradeep** – says he remembers requesting the `-n` updates in the past. Rupert replied that all of the updates were made but this one was missed. Rupert review all of the steps and made sure that any options specified on the server side were also specified on the client side.
- 3) Rupert asks if we should be using the option `-R` which forces the utility to use the `rdma_cm`?
 - a) Pradeep
 - i) This uses RDMA CM to establish connectivity and QP but you can use Ethernet to establish connection.
 - ii) His opinion is that it is just data exchange and RDMA transfer is occurring on the correct channel. However you are only cover a subset if you don't use `-R`.
 - iii) He suggests that we add one test in the plan to include `-R`.
 - iv) Other flag is `"-z"` – we need to determine if that is an issue.
 - v) There are some Endian issues that may not have been resolved.
 - b) Edward

- i) He tried “-R” option and it says Eth EX → RDMA CM
- ii) Connection Type is listed as RC.
- c) Jess
 - i) She is willing to do research.

Action Requests (ARs)

Chelsio

11/5/2013

- 1) Send UNH-IOL transceivers and cables that will work with the T5 adapter and the IBM switch

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.

Intel - Jess

5/06/2014

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

Software Forge – Rupert Dance

Older

- 1) Update Logo Program to include OFA Policy regarding OFILG Membership and granting of the Logo
- 2) Create Logo with version or change Logo Guidelines – see 4/3/2012 minutes

UNH-IOL

5/06/2014

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