

OFA IWG meeting – 12/4/2012

Attendees

First	Last	Company	10/09/12	11/06/12	11/20/12	12/04/12
David	Duffey	Canonical				
Samantha	Jian-Pielak	Canonical			X	
Tom	Reu	Chelsio	X		X	
Martin	Schlining	DataDirect Networks			X	
Jeff	Kopko	Emulex				
Harry	Cropper	Intel	X	X	X	
Mitko	Haralanov	Intel	X		X	
Jess	Robel	Intel	X	X		X
Guy	Ergas	Mellanox	X			
Rupert	Dance	Software Forge	X	X	X	X
Glenn	Martin	UNH-IOL			X	
Edward	Mossman	UNH-IOL		X	X	X
Bob	Noseworthy	UNH-IOL	X	X	X	
Nate	Rubin	UNH-IOL	X		X	X
Bill	Weber	Unisys	X			

Events

2012 Events

- OFA Interop Logo GA Event 01/07/2013

April 2013 dates

- IBTA PF23 04/01 → 04/12/2013
- OFA April Interop Debug Event 04/08 → 04/12/2013

October 2013

- IBTA PF24 10/07 → 10/18/2013
- OFA Interop Debug Event 10/14 → 10/18/2013

OFA EWG Status

- OFED 3.5 RC3 12/11/2012
- OFED 3.5 GA One week after RC3
- Finals are over by 12/14/2012 and then there are the Holidays. So GA Logo Testing to start first week of January 7th 2013

OFA Interop Debug status

- iWARP Report – no news – everything ready
- IB Report
 - Mandatory is done
 - IPoIB is 75% done
 - RDMA and uDAPL – done with OpenSM but need to do Vendor SM
 - Some issues with RDS script which UNH-IOL is working to resolve.
- OFED SRP status
 - SRP – Marty wants to test other kernels.
 - Kernel crash using SRP extended sg descriptors, increased max_sectors_kb, when running direct IO. This is a bug in the kernel code that SRP reveals. Problem was resolved 2.6.38
 - AR: Log bug with RHEL.

- RoCE status
 - **AR:** The test plan currently does not reflect the additional tests that we performed (uDAPL and MPI).
 - **Emulex Request:** permission to use SLES 11sp2 and OFED 1.5.2 for the January 2013 Logo Event. They intend to work with the next release of OFED after this event.
 - **OFA IWG Decision:** We reviewed the Emulex request to allow the use of SLES11SP2 and OFED 1.5.2 in place of the specified Scientific Linux 6.3 and OFED 3.5 in the upcoming Logo Event during the OFA IWG meeting on 12/4/2012. The OFA IWG approved your request because of the fact that the RoCE testing is in Beta stage and because of the early stage of Emulex's RoCE products.

IBTA Plugfest 22 status

Testing has gone well and we hope to have the results by end of year and the IL list ready by the end of January:

Cable Testing	12/11/2012	Testing Complete	Percentage Complete	Percentage Passing	Work still to be completed
Mellanox Eye Opening - DDR & QDR	Compliance Testing	Yes	100%	97%	
Mellanox Eye Opening - FDR	Compliance Testing	Yes	100%	96%	
Memory Map	Compliance Testing	Yes	100%	93%	
ATD Testing	Compliance Testing	Partial	75%		Post Processing
TDR Testing	Compliance Testing	Partial	75%		Nearly complete
VNA Testing - Active	Compliance Testing	Yes	100%	94.12%	
VNA Testing - Passive	Compliance Testing	Yes	100%	73.21%	
QDR - M2Q Sw2Sw	Interop Testing	Yes	100%	89.41%	
QDR - Q-HCA 2 M-Switch	Interop Testing	Yes	100%	84.21%	
QDR - M-HCA 2 Q-Switch	Interop Testing	Yes	100%	94.29%	
FDR - M-HCA 2 M-SW	Interop Testing	Yes	100%	92.13%	
FDR - M-SW 2 M-SW	Interop Testing	Yes	100%	92.13%	
Overall Completion			95.83%	90.55%	

Membership Drive

Bill Boas (OFA Treasurer) has asked us to try and evolve the work of the OFILG so that more members want to participate in it so that the funding raised by its work substantially pays for the whole work. So here are some suggested ideas to update the OFILP.

- 1) Performance testing
 - a) SRP
 - b) Database performance
 - c) Big Data
- 2) XWG wants a meeting with UNH-IOL to discuss these changes
- 3) Jess will take it up with Cliff and their people.

Action Requests (ARs)

Rupert Dance

12/04/2012

- 1) Check with all participants of the Interop Debug Event to make sure issues are resolved – [email sent out 12/5/2012](#)
- 2) Log SRP bug with RedHat

11/20/2012

- 1) Check October dates with Mellanox – [sent email directly on 11/20/2012](#)

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](#)
- 4) Incorporate ICR into Logo Program

UNH-IOL

12/04/2012 - Nate

- 1) The RoCE test plan currently does not reflect the additional tests that we performed (uDAPL and MPI).

11/6/2012 – Edward

- 1) Help Samantha with RDMA Basic Interop tests on Ubuntu
- 2) Work with Mitko and Samantha to see if they want to test Intel HCAs on Ubuntu

10/9/2012

- 1) Nate: verify that rping works for RoCE as well as iWARP
- 2) IOL Check the OpenMPI commands for RoCE

7/17/2012

- 1) Bob Noseworthy: provide Michael and OFA IWG a list of DCB vendors who support RoCE

5/1/2012

- 1) Make a separate webpage page to show how Distros have been installed. Include a sanitized kick start file and the update logs.