

OFA IWG meeting – 4/3/2012

Attendees

First	Last	Company	02/21/12	03/06/12	03/20/12	04/03/12
Chris	Calandro	Chelsio		X	X	X
Tom	Reu	Chelsio				
Martin	Schlining	DataDirect Networks	X	X	X	X
Pradeep	Satyanarayana	IBM				
Harry	Cropper	Intel	X	X	X	X
Jim	Ryan	Intel	X	X	X	
Slava	Pekelis	Mellanox			X	X
Mitko	Haralanov	Intel	X	X	X	X
Jess	Robel	Intel	X	X	X	X
Rupert	Dance	Software Forge	X	X	X	X
Chris	Hutchins	UNH-IOL	X		X	
Edward	Mossman	UNH-IOL				X
Bob	Noseworthy	UNH-IOL	X	X		
Nick	Wood	UNH-IOL	X	X	X	
Bill	Weber	Unisys		X		

2012 Events

- [IBTA PF 21](#) 04/16→04/20/2012
- [OFA Interop Debug Event](#) 04/23→04/27/2012
- IBTA PF 22 10/15→10/19/2012
- OFA Interop Debug Event 10/22→10/26/2012

IBTA registration due 4/6/2012

Chris Calandro – OFA Workshop Highlights

- 1) Lots of good presentations – should all be up on the OFA Website by end of week
- 2) Attendance up
- 3) Microsoft on board with RDMA in Windows 8
- 4) Jim Pinkerton was from SGI and has a lot of history of RDMA. Long and strange trip.
- 5) Distro
 - a) Good feedback from all Labs and Distros.
- 6) OFED Technology Preview
 - a) Chris, Scot Schultz, Brian and Rupert disagreed and do not want to change the name. For example Xfinity was not a great success and still call it Comcast.
 - b) OFED is becoming an engineering distribution.
- 7) New technologies
 - a) CCI – lots of government support. New API interfaces to verbs and makes it easier to program
 - b) Rsockets – does something similar.

iWARP

- 1) Updated NFSoRDMA for iWARP to Beta for April 2102 – approved by group.

SDP

- 1) Should we deprecate SDP – No longer part of OFED 3.2 or Major Distros
- 2) Group had no objections

Link Init

- 1) Rupert asked if the updated test plan met the requirements Jess was looking for.
 - a) Jess will review and send comments.

Updates Needed

- 1) No one in the group had any additional comments

Review updates required to Logo Program

- 1) Does the OFILG Logo need a date on it?
 - a) **Chris:** No - This could cause issues in presentation.
 - b) **Rupert:** Could be a production issue
 - c) Decision is to update Logo Program so that it does not specify a date.

Review of RoCE – we need to create a test Plan

- 1) RoCE Link Initialize
 - a) This seems like an appropriate test and should be implemented.
- 2) RoCE Fabric Initialization
 - a) This should be very similar to Ethernet Fabric initialization
 - b) There is no use of the OpenSM
- 3) RoCE IPoIB Connected Mode
 - a) We think this should be possible
- 4) RoCE IPoIB Datagram Mode
 - a) We think this should be possible
- 5) RoCE SRP
 - a) Marty is not sure this is supported
- 6) IB Ethernet Gateway – this is N/A as far as we know
- 7) IB Fibre Channel Gateway – this is N/A as far as we know
- 8) TI iSER
 - a) Unknown
- 9) TI NFS over RDMA
- 10) TI RDS
 - a) Unknown
- 11) TI SDP
 - a) This has been deprecated
- 12) TI uDAPL
 - a) This is supported and we should be able to test
- 13) TI Basic RDMA Interop
 - a) These are basic RDMA utilities and should still work with RoCE
- 14) TI RDMA Operations
 - a) These are basic RDMA utilities and should still work with RoCE
- 15) TI MPI Intel
 - a) This has been deprecated
- 16) TI MPI Open MPI

- a) This should work regardless of the transport.
- 17) TI MVAPICH (1) – OSU
- a) This has been deprecated

There are some additional details available in the link below:

http://www.mellanox.com/related-docs/prod_software/Mellanox_OFED%20Linux_user_manual_1_5_1_2.pdf

Action Requests (ARs)

Group 2/21/2012

- 1) Review the Logo Program and prepare updates for the next meeting.
- 2) Review the Test Plan and prepare updates for the next meeting – [done 3/20/2012](#)

Nick

10/11/2011

- 1) Need fail and pass criteria in Link Init procedure – [done 3/20/2012 according to Nick](#)
 - a) LED
 - b) Link Width
 - c) Link Speed
 - d) No crashes
 - e) Etc

10/04/2011

- 1) Jess requests that the Link Init and other tests have the pass/fail criteria spelled out in a table – for example what happens if LED only comes up on one device.
- 2) Need to write up an explanation of the table and where the devices must be applied

Rupert Dance

7/5/2011

- 1) Update Logo Program document to include OFA Policy regarding OFILG Membership and granting of the Logo

Older

- 1) Check with EWG and XWG about the distribution of OFED Binaries – [in process as of 5/2/2011](#)
- 2) Create Logo with version or change Logo Guidelines – [see 4/3/2012 minutes](#)
- 3) Incorporate ICR into Logo Program

Slava

3/20/2012

Check with Mellanox about participating in RoCE testing