2012-11-06-OFA IWG Meeting Minutes.doc

OFA IWG meeting – 11/6/2012

Attendees

First	Last	Company	09/11/12	09/25/12	10/09/12	11/06/12
David	Duffey	Canonical	Х	Х		
Tom	Reu	Chelsio	Х	Х	Х	
Martin	Schlining	DataDirect Networks	Х	Х		
Jeff	Kopko	Emulex				
Harry	Cropper	Intel	Х	Х	Х	Х
Mitko	Haralanov	Intel	Х	Х	Х	
Jess	Robel	Intel	Х	Х	Х	Х
Jim	Ryan	Intel	Х			
Guy	Ergas	Mellanox	Х		Х	
Rupert	Dance	Software Forge	Х	Х	Х	Х
Glenn	Martin	UNH-IOL		Х		
Edward	Mossman	UNH-IOL	Х	Х		Х
Bob	Noseworthy	UNH-IOL	Х		Х	Х
Nate	Rubin	UNH-IOL	Х	Х	Х	
Bill	Weber	Unisys	Х	Х	Х	

2012 Events

•	OFA	December	2012	Interop	GA	Event
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- IBTA **PF 23**
- OFA April Interop Debug Event

Proposed October 2013 dates

- IBTA PF24
- OFA Interop debug Event

Future Interop Events

- 1) Get Mellanox dates that are available. May be hard to get firm commitments.
- 2) Bob Noseworthy wants to coordinate with the EA on an event. Great event for next fall but challenge to get this all organized by April 2013
- 3) This is idea originated by FC association wanting more switch vendors involved to get the fabric people involved and they don't care what technology run across it. Should be win-win situation. FCIA is strong. Paul Doherty Intel (LAN Access division DCB side and FC from Intel is hot on this. Trying to get right people in the room. We may have 3-4 day events for each technology.

Causeway

- 1) Rupert explained that there is a new collaboration site for OFLIG members and that all documents will be posted there so that we have a permanent repository rather than just attaching documents to emails. Each individual member of an OFILG company must ask to join the group.
- 2) <u>https://ofa.causewaynow.com/wg/OFLIG/dashboard</u>
- 3) Jess said that she was able to access Causeway and it works well for her.

TBD 04/01 → 04/12/2013 04/08 → 04/12/2013

October 7-18th

October 14-25th

OFA EWG Status

- OFED 3.5 RC2 has been released
 - We used daily build 10/20/2012 and 10/22/2012
- OFED 3.5 RC3 → end of November

October 2012 Event updates

IBTA Plugfest 22

- 1) This lasted 4 weeks starting on October 8^{th} (not vendor attended) and ended November 2^{nd} .
- 2) Very exhausting and 12-14 hour days but we got a lot done.
- 3) New FDR device test plan completed and FDR devices were able to pass the new tests.

OFA Interop Event

iWARP – update by Edward

- 1) Edward: good productive and successful event. They had a couple of issues but Tom and Tatyana resolved them
- 2) UDAPL and MPI is all working well

IB Interop Debug status – update by Edward

- 1) Some failure but overall very well
 - a) IPoIB, Fabric Init, MPI all passed
- 2) Link Init some issues which are being debugged now
- 3) **SRP**:
 - a) Filed 4 bugs and half of them definitely resolved. The other two Marty needs to resolve
- 4) This was all done with SL 6.3
- 5) We performed all Mandatory testing using SL 6.3 with latest patches and OpenSM. All issues have been reported. Still testing NFSoRDMA because of script problems.
- 6) There are no official reports and but emails will be sent to vendors who were involved with Interop issues. If any doubts please email <u>ofalab@iol.unh.edu</u>.
- 7) UNH-IOL is expected to perform all mandatory tests so they can debug before Logo GA.
- 8) They have not have covered all secondary operating systems however this is still Beta testing.

RoCE

1) We used the updated test plan to do Beta testing on the new RoCE products provided by Emulex

Operating Systems

- 1) We worked with the Canonical team to include Ubuntu as part of the PXE boot capability in the OFA cluster. We currently have both 12-4 and 12-10 available.
- 2) Samantha is currently using the test plans to validate those installations.

Open Issues

Bob: General notes about Interop GA Event in December

1) Firmware changes are permitted up to a certain point – please check the Logo Program but software changes are not allowed once OFED goes GA.

2) Access to cluster is allowed.

Bob: one vendor who is not involved yet wants iSER support. We may need to update the test plan. Bob asks the group to bring other company into the fold that have products that are not covered.

Action Requests (ARs)

OFA IWG - New test suite development

- 1) RoCE test suite.
- 2) Windows: need to develop test suites for Server 8 and include more tests for WinOFED

Chelsio

Intel iWARP – Harry

Rupert Dance

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

11/6/2012 - Edward - validate that the following dates have been reserved

- 1) IBTA PF 23
 04/01 → 04/12/2013
- 2) OFA April Interop Debug Event $04/08 \rightarrow 04/12/2013$

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.