

OFA IWG meeting – 1/10/2012

Attendees

First	Last	Company	11/29/11	12/06/11	12/13/11	01/10/12
Chris	Calandro	Chelsio	X	X	X	X
Tom	Reu	Chelsio				
Martin	Schlining	DataDirect Networks			X	X
Pradeep	Satyanarayana	IBM				
Harry	Cropper	Intel	X	X	X	X
Jim	Ryan	Intel			X	X
Slava	Pekelis	Mellanox				X
Mitko	Haralanov	QLogic		X	X	X
Jess	Robel	QLogic	X			X
Rupert	Dance	Software Forge	X	X	X	X
Bill	Boas	System Fabric Works				X
Chris	Hutchins	UNH-IOL			X	X
Edward	Mossman	UNH-IOL				X
Bob	Noseworthy	UNH-IOL		X		
Nick	Wood	UNH-IOL	X	X	X	X
Jim	Hunter	Unisys	X	X		
Bill	Weber	Unisys		X		X

2012 Events

- [OFA User and Developer Workshop](#) 03/25→03/28/2012
- [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

OFED Status 1.54

- OFED 1.5.4: RC5 – released December 1st
- OFED 1.5.4: GA - released December 5th
- OFED 1.5.4.1 release with critical bug fixes only.
 - All bug fixes should be inside by Jan-18
 - RC - Jan 19
 - GA - Jan 24

OFED Status – 3.2

- 1) Handling of backports
 - a) Vlad is still checking the compat module option. Will come with a proposal in few weeks.
- 2) OS supported:
 - a) Redhat:
 - i) RHEL6: 6.1, 6.2 and 6.3
 - ii) RHEL 5.x - Try to support at least latest versions
 - b) SuSE: SLES11 SP1 and SP2
 - c) Scientific Linux - same versions as Redhat
 - d) Kernel.org - go back 2 versions only - start from 3.0
- 3) Schedule:
 - i) Will close after we will know the backports

OpenFabrics Alliance User and Developer Workshop

Bill Boas – System Fabric Works – OFA Treasurer

- 1) The OFA USER and developer Workshop is not a conference in the sense that the material is peer reviewed. It is a workshop which is a working session where we get new topics and issues
- 2) Bill feels there is a lot of work to be done in terms of making the Interop Program focused on users' needs and also to make it profitable.

Chris Calandro

- 1) Will see more organized agenda
- 2) Please submit topics and feedback.

Jim Ryan

- 1) The OFILG funding problem is serious. This is not a criticism but we need more participation so that the program can be self-sustaining.

OFA Interop GA Event Status

- 1) The event started the week of December 19th with the goal to complete in the first week of 2012. Testing was completed as of last Thursday January 5th 2012.
- 2) Nick review of IB
 - a) He will send brief summary emails to each vendor indicating what was tested and any issues that occurred. Testing went fairly well but there were a few issues.
 - b) Official reports
 - i) These are in the works but review process takes some time.
 - ii) Individual vendor reports should be available in 1-2 weeks.
 - iii) Master report for everything will be 2-3 weeks.
 - c) They did more than just test 1.5.4 GA. They also testing OFED 1.5.3.2
 - d) Distro testing RHEL and SUSE
 - i) The Distros have things missing that are not part of their ISOs.
 - ii) Nick tried to do zero updates – just what was in the ISO
 - iii) The packages included in the current Distros are equivalent to OFED 1.4.1 which means many things do not work
 - iv) Chris Calandro confirms that both SUSE and RHEL are lacking and cause considerable trouble with end users.
- 3) Jim Ryan
 - a) Rupert mentioned that in the 2011 OFA Workshop, the Distros had asked us to cooperate more with them. Jim said that the Distros did not argue for us to work better. It more came for the users. This was broad support from the community. Rupert acknowledged this but commented that Doug Ledford has requested for several years that the OFA get more in synch with the RHEL process.
 - b) Jim feels that we need to approach RHEL & SUSE and communicate the issues that we discovered. Explain to them that we are the testing community and we need access to info and that there is nothing competitive in this request.
- 4) Chris Hutchins review of iWARP
 - a) Testing completed

- b) Reports in progress. Summary emails have already been sent.

RoCE – should we include in the test plan for April 2012

Bob Noseworthy

- 1) Spring is more a question of product readiness. And to that end, I would argue single vendor product implementation is uninteresting. winOFED is another product that almost qualifies in this "uninteresting " category, but at least has the interest of Mellanox, Microsoft and the OFA.
- 2) Question
 - a) Is RoCE an approved IBTA spec? If not, I would argue against testing it, but that could be influenced by the following answers.
 - i) Rupert confirms that the [RoCE Spec](#) was approved by the IBTA in April 2012
- 3) Is more than one vendor ready with a prototype RoCE implementation?
 - a) Rupert confirms that Mellanox is doing so and Harry previously mention that Emulex is working on a solution.
- 4) Does OFED officially support RoCE (hard without #1 above)
 - a) Rupert affirms that the Linux version is OFED does and that the Windows WG is planning to integrate it into winOFED 3.1.
- 5) I don't want the OFA logo program to be a "bully pulpit" for proprietary technologies, nor do I want it to stand in the way of rapid innovation.

Harry:

- 1) He agrees that if we are going to give these products a Logo it should have substance. He does not want to dilute the OLIFP
- 2) He feels we should follow up with Mellanox on this subject.

Opens

Jess

- 1) Which OS will we use for the April 2012 Interop Event?
 - a) **Rupert** said that we had been happy with Scientific Linux (SL) and will most likely use SL. We went with SL because it released 6.1 before CentOS. We might use CentOS in April because they have already released 6.2 and SL has not.
 - b) She is OK with SL. Wants to stay with a stable OS.
- 2) Which version of OFED will be used
- 3) **Rupert:** Probably OFED 1.5.4.1 or OFED 1.5.5. It is highly unlikely that OFED 3.2 will be ready for the April event. We will probably schedule a Debug event this summer to test OFED 3.2 RC

Action Requests (ARs)

Nick

10/11/2011

- 1) Need fail and pass criteria in Link Init procedure
 - 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

3/1/2011

- 1) Check with EWG and XWG about the distribution of OFED Binaries – [in process as of 5/2/2011](#)

2/15/2011

- 1) Create Logo with version or change Logo Guidelines

8/31/2010

- 1) Incorporate ICR into Logo Program