

OFA IWG meeting – 5/29/2012

Attendees

First	Last	Company	04/03/12	05/01/12	05/15/12	05/29/12
Tom	Reu	Chelsio				X
Martin	Schlining	DataDirect Networks	X	X	X	X
Harry	Cropper	Intel	X	X	X	
Mitko	Haralanov	Intel	X	X	X	
Tatyana	Nikolova	Intel				X
Jess	Robel	Intel	X		X	X
Jim	Ryan	Intel		X	X	X
Idan	Kligvasser	Mellanox		X		X
Slava	Pekelis	Mellanox	X			X
Rupert	Dance	Software Forge	X	X	X	X
Edward	Mossman	UNH-IOL	X	X		
Bob	Noseworthy	UNH-IOL		X	X	
Bill	Weber	Unisys	X	X	X	X

2012 Events

- OFA Logo Validation Event 05/21 → 06/08/2012
- OFA Interop Debug OFED 3.3 07/23 → 07/27/2012
- [IBTA PF 22](#) 10/15 → 10/26/2012
- OFA Interop Debug Event 10/22 → 10/26/2012

OFED

1) OFED 3.2

- a) **Status:** Vlad took all patches submitted so far and we have a daily build
 - i) <http://www.openfabrics.org/downloads/OFED/ofed-3.2-daily/OFED-3.2-20120604-1416.tgz>
- b) **Issues:**
 - i) SLES11 SP2: rdmacm & rdmaucm kernel modules are not loaded (issues with compat library)
 - ii) OpenSM new release does not bringup links - under debug by Alex Netes
 - iii) ibacm library - compatible with Redhat 6.x only (not suitable for SLES) - Vlad fixed locally for OFED, but need Sean to fix the library
 - iv) There might be an issue with SRP backports - Mike will send a patch to fix
- c) **Due date for RC1:** This Thursday assuming above issues will be resolved, with SLES11 SP2 and RHEL 6.2 only

2) Discussion regarding the move to newer kernel:

- a) Decided to move to kernel 3.4.
- b) Pros to move:
 - i) Have latest kernel - with all fixes there
 - ii) Be closer to the kernel
 - iii) Having experience in doing the kernel base change
 - iv) There is no real pressure on a release now
 - v) Vlad will send a schedule when to move

3) **General:**

- a) In GA: we should ensure there are no warnings in the backports compilation
- b) Treating bugs found in upstream kernel - postponed discussion to next meeting
- c) There is a request to add kernel patches that were accepted upstream
- d) Getting help for the package build / install infrastructure - Need to send a request to Jim - Tziporet & Woody

4) **Woody**

- a) OFED is a hardened package of Open Fabrics Software.
- b) Kernel is different and we may not make an OFED package for each kernel release.

Status Update: May 2012 OFA Logo GA Event

Conditions for Interop Logo GA Event

- 1) The core cluster will be setup with Scientific Linux 6.2 and OFED 1.5.4.1 GA
- 2) No Firmware changes will be allowed after event starts. The only changes allowed are for outright equipment failure.

Logo process

- 1) Logo testing started Monday 5/21/2012. This will require at least two weeks because of the mix of operating systems like we did last event. Testing is expected to run.5/21 → 6/8/2012
- 2) Ed Mossman is leading the cluster and additional staff is coming on board.
 - a) When you need to reach the UNH-IOL staff responsible for the OFA Cluster, always copy ofalab@iol.unh.edu because different staff members are available 9-5 during the week.
 - b) Bob is available by phone which is available at the bottom of all emails.

Testing Schedule

- 1) **First week:** SL 6.2 OFED 1.5.4.1
- 2) **Second week:** RHEL & SLES, CentOS Windows
- 3) **Third week:** Inter OS

OFA User Day update by Jim Ryan

- August 6 → 7th - Argonne National Labs in nearby Chicago. Monday full day and half day on Tuesday
- Analogous to OFA workshop but for user. Users will identify their own agenda
- The meeting will provide networking, resources and experts
- Management tools for experienced users as well as new users.
- Cost recovery basis but OFA will cover a shortfall
- There is an agenda which was created from input Susan, Ira, Paul, Bill, Jim and Rupert. We also used Survey Monkey and polled the candidates for the agenda.
- Concluding session includes access to the OFA Cluster at UNH-IOL.

Test Suite Update

- RoCE
 - Slava – he checked with Tziporet. She said yes at a high level but wanted details in a meeting.

Opens

Action Requests (ARs)

OFA IWG - New test suite development

- 1) RoCE test suite.
- 2) Windows
 - a) Need to develop test suites for Server 8
 - b) include more tests for WinOFED

UNH-IOL

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.

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
- 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