

## OFA IWG meeting – 7/3/2012

### Attendees

First	Last	Company	05/01/12	05/15/12	05/29/12	07/03/12
Tom	Reu	Chelsio			X	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	X
Idan	Kligvasser	Mellanox	X		X	
Slava	Pekelis	Mellanox			X	X
Rupert	Dance	Software Forge	X	X	X	X
Glenn	Martin	UNH-IOL				X
Edward	Mossman	UNH-IOL	X			X
Bob	Noseworthy	UNH-IOL	X	X		X
Nate	Rubin	UNH-IOL				X
Bill	Weber	Unisys	X	X	X	

### 2012 Events

- ~~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

### OFA EWG Status

- OFED 3.2
  - There will be no 3.2 GA Release. The first GA release will be based on the 3.5 Kernel
  - OFED 3.2 RC1 has been released but does not support RHEL 6.3 but OFED 1.5.4.1 does.
- OFED 3.5 work is expected to start the week of July 1<sup>st</sup>
- MPI to be tested with OFED 3.5
  - MVAPICH2 1.8
  - Open MPI version 1.6.1
  - Intel MPI: the released version is 4.0.3
- OFED 3.5 needs to have a technology-preview branch
- OFA Interop Debug OFED 3.5 07/23 → 07/27/2012- needs to be discussed
  - Harry – wait for now until things are stable
  - Tom feels the same way
  - Marty – no problem
  - Conclusion is that we have canceled the July Interop debug event and will reschedule as needed.

### OFA Interop GA Status - Edward

- 1) Mandatory testing is completed and waiting for review. Should get the reports sent out by the end of this week.
- 2) This will start the arbitration timer and any claims must be submitted by July 17<sup>th</sup>
- 3) The results were consistent with the April Debug event. Also consistent with last December Logo Event.
- 4) Bob

- a) The team has done well with completing the Mandatory OS testing using Scientific Linux and they are now doing the Inter-OS testing
- b) He feels there will be at least one or two arbitration request but they should be relatively easily to resolve.
- c) RHEL, SLES, Scientific Linux – about 99% completed on the testing working on reports that may be ready by end of next week. Testing completed this week.

## Discussion regarding future Interop Events

### Definitions

#### 1) Intra OS

- a) This is the testing process we have been following for some time in which we pick one OS and run all the tests and the devices must pass all of the mandatory testing. For example in the April GA event we used Scientific Linux 6.2 and all devices had to pass the testing which used SL 6.2.

#### 2) Inter OS m

- a) This is the testing process in which we have all of the different Distros employed in one cluster. Typically there are 2-4 nodes deployed with each available Distro. For example CentOS 6.2, RHEL 6.2, SL 6.2 and SUSE 11. In this case the test plan is executed using a mixture of different Distributions and therefore OFED deployments.
- b) The Inter OS testing is **Informative** and not **Normative** – i.e. the results do not affect the Logo List.

### Comments

- 1) Bob feels we should not be testing a small hodgepodge of systems but rather we should reconfigure the cluster so that it is deployed with a particular Distro that is a member of the OFA IWG and then run the tests. This would require that the OFA IWG and the device vendors approve this new format.
- 2) Linux example (assuming RedHat and SUSE are all members)
  - a) Deploy the entire cluster with RHEL 6.x and run all of the tests. Passing the tests with this Distribution would be mandatory for the Linux Logo List
  - b) Deploy the entire cluster with SUSE and run all of the tests. Passing the tests with this Distribution would be mandatory for the Linux Logo List
  - c) Redeploy cluster with CentOS and then Scientific Linux
  - d) The Logo List would be based on passing all deployments.
- 3) **Question:** What will the OFA logo mean if there is no OFED?
  - a) **Rupert explained that the way that OFED is not put together has changed** (i.e. we all pull from kernel.org) but there will still be an OFED distribution from OFA. However we will be encouraging everyone to deploy Open Fabrics Software from the Distribution of their choice (for example RHEL, SUSE, SL, etc)
  - b) **Bob:** as long as there is a distribution, we can continue to test it. But if RHEL and SUSE join, how can we satisfy their needs.
- 4) **Rupert:** Should we be trying to test Intel OFED and Mellanox OFED in addition to the OFA Software in the Distros?
  - a) **Marty:** He likes the idea of testing it all but we will still have a vanilla OFED and Distro. If we include Mellanox and Intel, who is master and how does this affect the Logo List.
  - b) **Bob:** this is just another variation like including more OS. So either reduce work load or fees.

### OFA User Day update – Jim Ryan

- 1) August 6-7 at Argonne National Labs outside Chicago
- 2) Early Bird registration through 7/16/2012 - \$295 else \$395
- 3) The OFA would like to plan a series of events so it is important that the first event succeed. If it is DOA, there will be no future events.

## **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**

#### **Older**

- 1) Update Logo Program document 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

### **Slava**

**3/20/2012**

Check with Mellanox about participating in RoCE testing