

OFA IWG Meeting – 5/20/2014

First	Last	Company	03/11/14	03/25/14	05/06/14	05/20/14
Bob	Dugan	Chelsio	X	X		
Martin	Schlining	DataDirect Networks	X	X		X
Allen	Andrews	Emulex				X
Dean	Cimoli	Emulex	X	X	X	X
Pradeep	Satyanarayana	IBM	X		X	X
Harry	Cropper	Intel	X	X		X
Jess	Robel	Intel	X	X	X	X
Jim	Ryan	Intel		X		
Rupert	Dance	Software Forge		X	X	X
James	English	UNH-IOL	X		X	
Glenn	Martin	UNH-IOL	X			X
Edward	Mossman	UNH-IOL	X	X	X	X
Bob	Noseworthy	UNH-IOL	X			
Chuck	Valenza	UNH-IOL			X	

Agenda

- **Meeting Minutes from 5/6/2014**
 - <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/310>
- **Interop and Plugfest Events**
 - **October 2014**
 - IBTA PF26 10/20 → 10/31/2014
 - OFA Interop Debug Event 10/27 → 10/31/2014
 - **April 2015**
 - IBTA PF27 04/13 → 04/24/2015
 - OFA Interop Debug Event 04/20 → 04/24/2015
- **OFA EWG Status**
 - OFED 3.12 RC3 – released 5/19/2014
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.12/OFED-3.12-rc3.tgz>
 - Updates to perfest for Intel iWARP cards to support ib_send_bw
 - Updates to readme notes
 - OFED 3.12 GA
 - Projected date Monday 5/26/2014
 - OFED Bug list – review of latest status
 - <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/308>
 - OFED User Packages
 - <https://ofa.causewaynow.com/wg/OFLIG/documentRevision/download/309>
- **April 2014 Interop GA Event**
 - RC Testing Status update from UNH-IOL
 - Plans for Logo GA Event
 - Requests for **final firmware updates**
 - No changes allowed after GA testing commences
 - Test Plan updates
 - https://www.iol.unh.edu/services/testing/ofa/testsuites/OFA-IWG_Interoperability_Test_Plan-v1.50-v2.pdf
 - RDMA Interop Use of –R option
- **Opens**

Bug Review

Bug [2449](#) Pradeep

- 1) Not just Power 7 issue any more. It also shows on x86 as well. It does not appear to be an endian issue but shows on PPC more easily. It follows this code path. But when you try doing things a little differently it shows up on x86.
- 2) Pradeep and Rupert both agree that it is not wise to try to include in 3.12. Wait until it is stable. No hurry to get it included.

Bug [2488](#)

Both Rupert and Edward have verified that OFED uninstalls correctly. They usually just use the install script so they tested uninstall specially.

I have verified that there are slight difference between `/usr/sbin/ofed_uninstall.sh` and `uninstall.sh` included in the installation directory. However I was able to uninstall OFED using either script both with RC2 and RC3. I cannot find any mention of `compat-openmpi-1.4.3-1.1.el6.x86_64` in my uninstall log. Is it possible that the bug reporter has some older packages installed on his system because OFED does not include `openmpi` anymore?

Differences:

```
if ( $RPM -q ib-verbs > $NULL 2>&1 ); then
    STACK_PREFIX=`$RPM -ql ib-verbs | grep "bin/ibv_devinfo" | sed -e
's/\bin\ibv_devinfo/'
    STACK_PREFIX=/usr
    let RC++
fi

if ( $RPM -q libibverbs > $NULL 2>&1 ); then
    STACK_PREFIX=$( $RPM -ql libibverbs | grep "libibverbs.so" | head -1 |
sed -e 's@/lib.*libibverbs.so.*@@' )
    STACK_PREFIX=/usr
fi

if [ -x /etc/infiniband/info ]; then
    if [ -z ${STACK_PREFIX} ]; then
        STACK_PREFIX=`/etc/infiniband/info | grep -w prefix | cut -d '=' -f
2`
        STACK_PREFIX=/usr
    fi
fi
```

Bugs [2482](#), [2485](#), [2487](#), [2489](#) and [2490](#) have been targeted for OFED 3.12-1 release.

OFED 3.12 GA Status

- 1) Edward says he has done extensive testing on RC1 and RC2 has been very good. No expectations for troubles with RC3.
- 2) Since that time both UNH-IOL and Software Forge have tested RC2 and RC3 and found no unexpected issues.
- 3) The EWG has planned to release OFED 3.12 GA on Monday 5/26/2014.

Vendor Test Status – OFED 3.12

Intel IB

- 1) They have not done extensive testing with RC2 but Jess will get back to us on RC2
- 2) Jess will also provide more feedback on the `ib_write_bw -R` option. Pradeep had recommended that we include at least one iteration of this option in the test plan.

Intel iWARP

- 1) Harry – will check to see if RCs have been tested.

DDN

- 1) Marty 3.12 RC2 looked good and as steady as RC1

Emulex

Dean – their development guys have done testing but no feedback.

IBM

Pradeep – no comments on RC3

Assuming GA comes out on Monday June 26th

OFILG Logo GA Event deadlines

Firmware – deadline Tuesday May27th

- **Jess:** confirmed that there will be no firmware updates
- **Dean:** there may be some changes
- **Pradeep:** no changes
- **Marty:** there will be an update

OFED 3.12-1

- 1) This release will include support for both RHEL 7 and optional compile support for OFED MIC

Action Requests (ARs)

Chelsio

11/5/2013

- 1) Send UNH-IOL transceivers and cables that will work with the T5 adapter and the IBM switch

IBM – Pradeep

5/06/2014

- 1) See if you can get IBM to ship us an addition PPC64 machine with HMC so we can setup a serial console for debugging.

Intel - Jess

5/06/2014

- 1) Check out the “-R” option of the perfest utilities – 5/13/2014 partial feedback – still some research needed.

Software Forge – Rupert Dance

Older

- 1) Update Logo Program to include OFA Policy regarding OFILG Membership and granting of the Logo
- 2) Create Logo with version or change Logo Guidelines – see 4/3/2012 minutes

UNH-IOL

5/06/2014

- 2) Check out the “-z” option of the perfest utilities