

OFA EWG Meeting – 6/23/2014

Attendees

First	Last	Company	04/28/14	05/12/14	06/09/14	06/23/14
Steve	Wise	Chelsio		X	X	
Pradeep	Kankipati	Emulex				X
Allen	Andrews	Emulex				
Pradeep	Satyanarayana	IBM	X			
Bart	Van Assche	Fusion-io				
Arlin	Davis	Intel	X			
Tom	Elken	Intel	X	X	X	
Tatyana	Nikolova	Intel	X	X		X
Robert	Woodruff	Intel		X	X	X
Vladimir	Sokolovsky	Mellanox	X	X	X	X
Jeff	Becker	NASA			X	X
Rupert	Dance	Software Forge	X	X	X	X
John	Jolly	SUSE	X			

Note: The toll-free number in the United States and Canada is 1-888-875-9370.

Agenda

OFED 3.12 status

- **OFED 3.12 GA: released 5/27/2014**
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.12/OFED-3.12.tgz>
 - [Release notes](#) – see attached
- **OFED 3.12-1 Daily Build 6/19/2014**
 - <https://www.openfabrics.org/downloads/OFED/ofed-3.12-daily/OFED-3.12-1-20140619-0118.tgz>
- **OFED 3.12-1 User Package Status**
 - See attached or link below
 - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/318>
- **OFED 3.12-1 Bug Status**
 - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/319>
- **Intel MIC integration status**

OFED 3.12-1

- Planned updates
 - RHEL 7.0
 - Intel OFED-MIC
 - NFS Bug Fixes
 - Updated packages
- RC Schedule
- **Devesh:** I have question on IP-Based GID scheme: Is it planned to be pulled to OFED-3.12.1?

OFED 3.17 – next release

OFED 3.12-1 Daily Build 6/19/2014

- 1) We discussed the daily build and Rupert suggested to Vlad that we move the daily builds into their own directory since they are sorting at the top of the OFED 3.12 daily builds versus the bottom.
- 2) Vlad has done this and they are now available here:
 - a) <https://www.openfabrics.org/downloads/OFED/ofed-3.12-1-daily/>

OFED 3.12-1 User Package Status

- 1) We discussed the status of the user packages and Vlad conformed that the following packages have not been included into 3.12-1. We are waiting for updates from Roland because there were problems with these packages.
 - a) libibverbs-1.1.8
 - b) libmlx4-1.0.6

NFS/RDMA Status – Jeff Becker reporting

- 1) Jeff has been waiting for waiting for UNH-IOL to do the testing. All fixes have been pulled in upstream in the merge windows. He will pull back and do the back porting. He can deal with everything in the xprtrdma directory but will have to find a workaround for changes made to NFS tree.
- 2) Rupert has given Jeff's tarball to UNH-IOL to install. They had to finish the OFA Logo Event before they could test NFS/RDMA. Jeff says that the tarball has all client changes – Steve has fixes for the server that were after tarball got created. The fixes are the ones Shirley Ma updated.
- 3) Jeff says that as soon as these fixes are in OFED daily build, we should test again.
- 4) **Questions**
 - a) **Pradeep:** will all the NFS/RDMA changes get pulled in?
 - b) **Jeff:** yes pretty well everything will come except for a few changes he cannot access.
 - c) **Pradeep:** will OFED 3.12-1 include IP Based GID changes – are they going to be in 3.12-1 – if so it will make their code work better. He says that RHEL 7.0 in box is pulling in these changes
 - d) **Woody:** where are these changes?
 - e) **Pradeep:** it is in OFED component but he is not sure which one. It is IP Based GIDs and he will try and find out more. We believe that it is in the rdmacm.
 - f) Woody will ask Sean if he wants to produce a new package that is not in OFED 3.12. He is not sure how hard that will be to make a back port for kernel

Intel Update - Woody

- 1) They will provide an updated PSM package partly because the Intel MIC components need this as well.
- 2) The preliminary patch set for Intel OFED MIC has been sent to Vlad and he responded to Woody today. However there will be more patches required
- 3) There will also be changes required because of RHEL 7.0
- 4) Intel True Scale team has some other changes for their HCA. The patches submitted so far were only for Mellanox hardware.
- 5) **Vlad:** says that all works well in OFED 3.12-1 except infinipath-psm

OFED 3.12-1 RC release schedule

- 1) Woody – possibly in 2-4 weeks.
- 2) They have requests from vendors for RHEL 7.0 backports for OFED 3.5.2 MIC and so the team is working on this first. So they will do 3.5-2MIC updates in next 1-2 weeks and then 3.12 patches and updates.
- 3) They also found some changes that will be required when testing 3.12 and RHEL 7.0. There are also some True Scale driver backports that are needed.
- 4) July and August are vacations months so we should shoot for end of July but that may not be realistic.
- 5) Arlin will have new DAPL package with MIC support and Sean may have a few updates

Vlad

- 1) End of July is good for him. Not too many changes required. He has added iSER support and support for SLES 12

Pradeep – Emulex - July works for them

Tatyana

- 1) End of July is good. She will do some testing and decide if backports for RHEL 7.0 are needed.
- 2) Vlad says it may be OK and nes has been working well in his testing.

Jeff Becker

- 1) Should he include NFS/RDMA backport for RHEL 7.0 as well? We felt he should do that if needed.
- 2) CentOS is not done but there is a CentOS 7 (pre-release) tree available for testing

ARs

Pradeep from IBM

4/28/2014

- 1) Pradeep will try and get another PPC64 for the OFA Cluster at UNH-IOL because it will help with diagnosing issues that seem to be turning up with OFED running on Big Endian machines.

2/17/2014

- 1) Pradeep will try to get Mellanox FW and adapter model to test IB on NFSoRDMA

Rupert