

OFA EWG Meeting – 6/9/2014

Attendees

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

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 GA User Package Status**
 - See attached or link below
 - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/315>
- **OFED 3.12 GA Bug Status**
 - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/314>

OFED 3.12-1

- Suggested updates
 - RHEL 7.0
 - Intel OFED-MIC
 - NFS Bug Fixes
 - Updated packages
- Release Schedule

OFED 3.17 – next release

Bugs Status

- 1) [2487](#) – rdma not working over vlan
 - a) Vlad pulled in fix
- 2) [2485](#) – Blocked trace with mbw stress
 - a) **Steve:** This requires a driver and FW change which still make take some time. The driver changes under review for 3.16 – see David Miller. FW has not been released. but should be in the next 2 weeks
- 3) [2449:](#)
 - a) **Jeff Becker:** pulled in client updates the and server updates are being merged by Bruce upstream in 3.16 – he will pull in into 3.12-1 - the fixes in the tarball are what is what is in Dev tree
 - b) Pulled 25 patches that are in maintainer's tree. Most from Chuck and a few others.
 - c) He tested them all locally NFS 3 an 4 and tested RHEL 6.5 and SLES

- d) Patch count is quite high – what should he do? Should he setup a git tree. Vlad says he would recommend it and Steve says he will help as needed.

Woody

- 1) Will check for an 800 number for people to call in:
 - a) The toll-free number in the United States and Canada is 1-888-875-9370.
 - b) Speed dialer can be removed.
- 2) Bug [2475](#) – infinipath-psm-3.2-2_ga8c3e3e_open rpmbuild fails on RHEL7.0 x86_64
 - a) Tom says that this is related to new GCC version and that this should be no problem for RHEL 7. He will include GIT. No effect on older versions like 6.5.
- 3) **Woody**: OFED MIC – they have produced patches again for 3.12 for Intel MIC. They have found a couple of bugs. There have been updates to mlx4 and libibverbs and that may have caused problems. We will need new mlx5.
 - a) **Steve**: Roland admitted there were some issues in mlx - Vlad will check about libibverbs and mlx
 - b) **MIC**: will submit patches for review by Vlad for him to begin integration. This will be an option disabled by default. We will do daily builds but may cause compatibility issues.
 - c) **Woody**: will check about a system with Xeon Phi.
- 4) **Vlad** will add iSER support in kernel only

OFED 3.12-1 Status

- Suggested updates
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Woody: Intel already has preliminary patches so it should go well. RHEL 7.0 is already in RC and they expect release within the next 1-2 months

Next OFED Release: 3.17

- 1) **Steve**: the merge window for 3.16 is this week and so RC1 will be in 1-2 weeks. They typically take 7 weeks to GA.
- 2) **Steve** feels 17 is the best target because it make take 1-2 months for 3.12-1 and Woody agrees that we should target is 3.17
- 3) **Tom**: what about even number – Woody says it is not a number thing anymore but more like the dot fix.
- 4) **Steve**: It is what the Distro push that makes it the stable version
- 5) RHEL 7.0 is based on the 3.10 kernel and SLES 12 is based on OFED 3.12

Woody

- 1) A new kernel will require new backports so delivering OFED 3.17 in October may be hard. He does not feel there will be as many changes in the kernel as we had from 3.5 to 3.12
- 2) **Steve**: iWARP added port mapping into 3.16 – hopefully by 3.17 it will be stable.
- 3) Everyone agrees that October is a goal but it all depends on what new features are incorporated.
- 4) **Steve**: 3.17 RC1 is slated for August 24th and the release will be September or October.

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