

OFA EWG Meeting – 1/20/2014

Attendees

First	Last	Company	11/25/13	12/09/13	01/06/14	01/20/14
Steve	Wise	Chelsio				
Pradeep	Kankipati	Emulex	X	X		X
Pradeep	Satyanarayana	IBM	X		X	X
Bart	Van Assche	Fusion-io				X
Tom	Elken	Intel	X	X	X	X
Tatyana	Nikolova	Intel	X	X	X	X
Jim	Ryan	Intel		X		
Robert	Woodruff	Intel	X	X	X	X
Vladimir	Sokolovsky	Mellanox	X	X		X
Jeff	Becker	NASA		X		
Bill	Snapko	SGI	X			
Rupert	Dance	Software Forge	X	X	X	X
John	Jolly	SUSE		X	X	X

New Member - Bart Van Assche

- Bart works for Fusion-io and has been working in storage area networking. His interests are in low latency and high throughput. Interested in IB and SRP. Active SRP initiator Also SDC which is software core.
- He works in the Central European time zone

OFED status

- OFED 3.5-2 GA released: <http://www.openfabrics.org/downloads/OFED/ofed-3.5-2/OFED-3.5-2.tgz>
- OFED 3.12 – 01/19/2014: <http://www.openfabrics.org/downloads/OFED/ofed-3.12-daily/OFED-3.12-20140119-0459.tgz>

OFED 3.12

- OS Supported
 - RHEL 6.4 and 6.5
 - SLES 11 SP3
 - RHEL Beta release of 7.0 – we decided that this would not be supported until we did a point release of 3.12
- Kernels Supported
 - We discussed this and decided that we can only support the default kernels.
 - The Distros release updated kernels occasionally to fix critical bugs but we do not go back and check these. Patched kernels can break backports so we will handle updated kernels on a case by case basis.
- Kernel patches completed
 - **Chelsio** – backports have been submitted for RHEL6.4, RHEL6.5 and SLES11sp3
 - **qib** additional truescale.cmds changes for 3.12
 - Tom Elken says it is good to go.
 - **nes** backport patch for OFED-3.12
 - Tatyana – backports are good- has other work to do but Intel iWARP is ready for RC1
 - There are some iWARP user package updates pending
 - **ocrdma** – still need some backports. There are build errors in the latest daily build
 - Tatyana says the kernel module is breaking and she will send error messages
 - Pradeep will check this tomorrow. Vlad says he has not tested the user module.
 - **SRP**: Bart Van Assche has agreed to be the new SRP Maintainer
 - Woody asks Bart to send note to Roland to indicate that the EWG has asked him to take over the role from Dave Dillow.

- Bart has looked at patches in GIT tree and they look fine.
 - **Vlad**
 - He thinks everything is good and will start testing on all systems.
 - Once compilation passes on all supported devices he will start the RC
- **User Package Updates**
 - DAPL
 - Arlin – still does not want to do an update because there are not many critical fixes but Woody will check with him.
 - Sean – librdmacm has some bugs and fixes – ready in net few days. RSocket is packaged with that.
 - infiniband-diags.conf
 - Ira – Woody will send note
 - infinipath-psm
 - Mike submitted an update on 1/8/2014
 - infinipath-psm-3.2-2_ga8c3e3e_open.tar.gz
 - Mellanox maintained packages – Vlad will check with the developers
 - libmlx4.conf – there will be some updates
 - libmlx5.conf – will fully support ConnectIB
 - mstflint.conf – they intend to submit an updated package
 - perftest.conf – there is an outstanding bug
 - OpenSM
 - Hal has committed to produce a new module
 - RSocket – part of librdmacm and Sean will produce an update
 - RDS – contact Oracle
 - SRP Tools
 - Bart – there is a new version with 60 patches from Bart and others. There is a git tree available and he will look into update.
 - **Vlad:** suggests that Bart should create own GIT tree and create Tar Balls and he will include them. Vlad will send script to create.

Open Issues

- MVAPICH2
 - In 3.5-2 GA we did not list this as a tested MPI. Tom's group does test it and Vlad runs MVAPICH2 as well so this should be part of release notes
- RC date
 - Vendors want to know which Distro they should use for testing 3.12. The group felt RHEL 6.5 or SLES 11 SP3
 - We need a solid RC for the OFA Interop Event which starts 4/7/2014

Bug Status

- New OFED 3.5-2 GA Bug [2457](#) – ib_send_bw
- New OFED 3.12 – Bug [2458](#) – rping
 - This bug was fixed in release 1.0.17.1 and will be included in the new release for the librdmacm (1.0.18) which is planned for OFED 3.12
- See: <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/248>

ARs

Bart:

1/20/2014

Ask Roland for approval to take over maintenance of the SRP module.

Rupert

1/20/2014

- 1) MVAPICH2 should be included in the releases notes as tested with OFED
- 2) Contact Oracle about updating RDS
 - a) [Sent email to Andy Grover on 1/20/2014 and it bounced](#)
 - b) [Sent another email to Neeraj Gupta to find a replacement](#)
- 3) Send Vlad and Gil a reminder about bug [2457](#) – [ib_send_bw](#) – [done 1/20/2014](#)
- 4) Help setup Bart to create his own GIT Tree

1/6/2014

- 1) Check on the status of user packages for OFED 3.12
 - a) OpenSM – Hal verified on 1/15/2014 that he will provide an update soon – [done 1/15/2014](#)
 - b) RSocketS – check with Sean Hefty – [this is part of librdmacm and Sean is working on an update](#)
- 2) Check on backports
 - a) iSER
 - b) SRP – check with Bart Van Assche – [done 1/6/2014](#)
 - c) Vlad – anything else needed? – [done 1/6/2014](#)

8/19/2013

- 1) Update the Bugzilla list of Maintainers using OFA Maintainers list because it is more accurate