

OFA EWG Meeting – 9/16/2013

Attendees

First	Last	Company	07/22/13	08/05/13	08/19/13	09/16/13
Steve	Wise	Chelsio	X			
Pradeep	Satyanarayana	IBM		X		X
Tom	Elken	Intel	X	X	X	X
Mike	Marciniszyn	Intel	X			
Tatyana	Nikolova	Intel	X	X	X	X
Robert	Woodruff	Intel	X		X	X
Vladimir	Sokolovsky	Mellanox	X	X	X	X
Bill	Snapko	SGI		X	X	X
Rupert	Dance	Software Forge	X	X	X	X

OFED 3.5-x status:

- 1) OFED 3.5-1 GA Released: 9/16/2013
 - a) <http://www.openfabrics.org/downloads/OFED/ofed-3.5-1/OFED-3.5-1.tgz>
- 2) OFED 3.5-2 RC1 Released 9/16/2013
 - a) <http://www.openfabrics.org/downloads/OFED/ofed-3.5-2/OFED-3.5-2-rc1.tgz>
 - b) OFED-3.5-2 Main Changes from OFED 3.5-1
 - i) Added support for the OS:
 - SLES11 SP3
 - ii) Removed package
 - compat-dapl
 - iii) Updated packages:
 - dapl-2.0.38
 - ibacm-1.0.8
 - infiniband-diags-1.6.2
 - libcxgb4-1.3.0
 - libibmad-1.3.10
 - libibverbs-1.1.7
 - libmlx4-1.0.5
 - libmthca-1.0.6
 - librdmacm-1.0.17
 - mstflint-3.0-0.6
 - opensm-3.3.16
 - perftest-2.0-0.58
- 3) Rupert asked about the status of libmthca.
 - a) In OFED 3.5 the included package was [libmthca-1.0.5-0.1.gbe5eef3.tar.gz](#) but the most recent package is [libmthca-1.0.6.tar.gz](#) which was released on 7/6/2011
 - b) **Vlad:** libmthca does not matter because it is for older devices
 - c) Rupert has included libmthca-1.0.6 in both 3.5-1 and 3.5-2
- 4) Rupert asked about the status of libmlx5-1.0.0.tar.gz
 - a) It should not be there because it depends on kernel functionality only in the latest Linux kernel
 - b) Rupert did **not** include it in either 3.5-1 and 3.5-2

OFED 3.11 and 3.12 plans:

3.12

- 1) Emulex RoCE will be included and user space package will be included.
 - a) **AR:** Follow up with Emulex and ask if their updates **will hit 3.12**
- 2) **AR:** usNIC Cisco driver
 - a) How does this allow access to their hardware.
 - b) Libibverbs change may be required if it is a different transport type
 - c) Check with Roland and see what changes may be needed for user space
- 3) iWARP changes with port mapping – submitted two weeks ago and being reviewed.
 - a) **Tatyana:** Intel has submitted changes but she does not think they will make it for 3.12
- 4) **AR:** MLX5 driver
 - a) Vlad – he is not sure whether this will be included – he requests a note for compat-rdma
- 5) Vlad
 - a) He has started 3.11 but holidays in Israel have delayed his progress. He will work on it in the next two weeks he will rebase to 3.12 and try for a daily build

Questions and Open Issues

Tom: What will get used for the OFA Interop event? **Rupert:** we plan to use the latest OFED 3.5-2 RC available

OFED Bug Status - here is the list of Open bugs as of 9/15/2013

infinipath-psm

- 1) The infinipath-psm module is causing OFED 3.5-2 compile to fail when installing on SLES11 SP3. Tom says to check Bug 2430 because this maybe the same issue. The modules will not build without error because of version number.
- 2) Tom asks Rupert to check and see if error message matches and Tom will check status.

OFED 3.5					
ID	Sev	Pri	OS	Assignee	Status
2418	nor	P5	Other	arlin.r.davis@intel.com	NEW
2425	maj	P5	Fedo	arlin.r.davis@intel.com	NEW
2416	nor	P5	Other	eli@mellanox.co.il	NEW
2443	enh	P5	SLES	eli@mellanox.co.il	NEW
2422	maj	P5	Other	idos@dev.mellanox.co.il	REOP
2419	maj	P5	Other	idos@dev.mellanox.co.il	REOP
2423	maj	P5	Other	idos@dev.mellanox.co.il	REOP
2420	maj	P5	Other	idos@dev.mellanox.co.il	REOP
2415	nor	P5	Cent	ira.weiny@intel.com	ASSI
2429	cri	P5	Cent	jackm@mellanox.co.il	NEW
2375	enh	P2	SLES	tom@opengridcomputing.com	NEW
2402	nor	P1	SLES	vipul@chelsio.com	NEW
2403	maj	P1	Other	vlad@mellanox.co.il	ASSI

OFED 3.5-2					
2441	cri	P1	Other	arlin.r.davis@intel.com	NEW
2439	maj	P5	RHEL	arlin.r.davis@intel.com	NEW
2445	cri	P5	SLES	swise@opengridcomputing.com	NEW

ARs

Rupert

9/16/2013

- 1) Invite Emulex to join the EWG meeting so that they can answer questions regarding their drivers – [done 9/16/2013](#)
- 2) Check and see if the infinipath-psm build error message matches Bug 2430 – [done 9/20/2013](#) – [the errors do not match an Rupert filed a new bug 2447](#)
- 3) Check with Roland about the Cisco usNIC and see what changes may be needed for user space. Libibverbs change may be required if it is a different transport type

8/19/2013

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

Vlad

9/16/2013

- 1) Check and see if the MLX5 driver will be included in 3.12 kernel – he requests a note for compat-rdma

8/5/2012

- 1) Check with Mellanox regarding FreeBSD – [9/16/2013 they have a team working with FreeBSD but there is already someone port.](#)