OFA EWG Meeting – 11/25/2013

Attendees

First	Last	Company	10/14/13	10/28/13	11/11/13	11/25/13
Steve	Wise	Chelsio				
Pradeep	Kankipati	Emulex		X	X	X
Pradeep	Satyanarayana	IBM		X	X	X
Tom	Elken	Intel	X	X	X	X
Tatyana	Nikolova	Intel	X	X	X	X
Robert	Woodruff	Intel	X	X	X	X
Vladimir	Sokolovsky	Mellanox		X	X	X
Bill	Snapko	SGI	X	X	X	X
Rupert	Dance	Software Forge	X	X	X	X
John	Jolly	SUSE	X			

OFED status

1) OFED 3.5-1GA released
2) OFED 3.5-2 RC2 released
3) OFED 3.12 with RHEL 6.5 – **Vlad** leading
   a) No news - there is still an issue with Emulex
   b) Pradeep – looks like the developer added Ctrl M characters. He should be upload 1.0.2 version. The library had an issue but not kernel.
4) OFED 3.13
   a) He will provide updates for this after we have 3.12 stable

OFED 3.12 Details

1) Vlad is planning to have an RC for the middle to end of December
2) Supported OS
   a) RHEL 6.4
   b) RHEL 6.5 is done
   c) SLES SP3
3) Supported drivers
   a) mlx5 is already there and the olde3er drivers can already be compiled.
   b) He has already implemented ibcore, IPoIB and Mellanox components to support RHEL 6.5
   c) He requests that Pradeep provide an Emulex backport
   d) iWARP
      i) Intel Adapters – Tatyana will work on backport – NES
      ii) Chelsio – Rupert is to follow up with Chelsio to make sure they are working on supporting 3.12
   e) Intel IB – qib drivers
      i) Tom will take care of this ad will give an estate
4) ULPs
   a) SRP – Vlad will provide updates for the SRP package
   b) NFSoRDMA – send email to ask about status for 3.12 - RSD **AR**
   c) RSockets is user space so no backports for Kernel

Woody

1) He may have a developer available to work on OFS. For example ibutils

OFED Bugs
1) **Bug** 2416 – this has been fixed by providing a workaround. Vlad feels that the problem was caused by something running in the background. Vlad – the only way the crash can occur is traffic when run you attempt to use connectx_port_config.
   a) If the command is in the config file it will happen on boot. Pradeep asks if this is a timing issue versus doing it manually.
   b) Pradeep will ask them to retest and make sure nothing is running in the background.
2) **Bug** 2448 – Just waiting for a reasonable time to do a dapl updates. Arlin has the fix in the latest dapl code but does not want to do an entire package update until he has other substantial updates.
3) **Bug** 2449 – NFSoRDMA on PPC – Pradeep is working with Jeff Becker and Tom tucker and they now have the setup on the OFA Cluster at UNH-IOL to recreate. They would like this fixed before OFED 3.5-2 is released as GA. Pradeep was concerned that the OFA Cluster would not be available to them because of testing but Rupert explained that they keep the cluster available except during the Logo Testing of the OFED GA version and then they shut of VPN access to be sure there is not interference.
4) **Bug** 2452 – There is a patch and a fix is being tested. Vlad will make sure it gets into 3.5 and 3.12 – matter of a few days.

ARs

Emulex – Pradeep Kankipati

11/11/2013

1) Resolve the compilation issue in Bug 2454

Rupert

11/25/2013

1) Contact maintainers to provide updates for the following packages to support OFED 3.12
   a) Chelsio – send email to Chelsio engineers on 12/8/2013
   b) NFSoRDMA - send email to Jeff Becker (NASA) on 12/8/2013

11/11/2013

1) Follow up with Ira and see if there are other alternatives to ibdiagnet and ibutils2

10/28/2013

1) Update release notes to explain the uninstall procedure and the problem with packages installed by Distros – see Bug 2403

10/14/2013

1) Add a note indicating a known limitation in the ibutils package that it does not support FDR, FDR 10 or EDR speeds when using ibdiagnet.

8/19/2013

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

Tatyana

11/25/2013

1) Work on backport of Intel NES drivers for 3.12
2) Tatyana has responded that she will be striving to provide the backports by the middle of January

Tom Elken

11/25/2013

1) Work on backport of Intel "qib" drivers for 3.12 and will provide an estimate for the date of completion.