

OFA EWG Meeting – 10/13/2014

Attendees

| First | Last | Company | 08/04/14 | 08/18/14 | 09/15/14 | 10/13/14 |
|----------|---------------|----------------|----------|----------|----------|----------|
| Frankie | Fan | Broadcom | | | X | |
| Eddie | Wai | Broadcom | | | X | X |
| Steve | Wise | Chelsio | X | X | X | X |
| Pradeep | Kankipati | Emulex | X | X | | |
| Pradeep | Satyanarayana | IBM | | | X | X |
| Phil | Cayton | Intel | X | | | |
| Arlin | Davis | Intel | | | | X |
| Tom | Elken | Intel | X | X | X | X |
| Tatyana | Nikolova | Intel | X | X | X | X |
| Robert | Woodruff | Intel | | X | X | |
| Vladimir | Sokolovsky | Mellanox | X | X | X | |
| Jeff | Becker | NASA | | | X | X |
| Rupert | Dance | Software Forge | X | X | X | X |
| John | Jolly | SUSE | X | | | X |

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

Agenda

OFED 3.12-1 status

- **OFED 3.12-1-RC3**
 - To be released 10/14/2014
- **OFED 3.12-1 User Package status**
 - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/383>
- **OFED 3.12-1 Bug Status**
 - <https://ofa.causewaynow.com/wg/EWG/documentRevision/download/382>
 - **Fixed or resolved since last meeting**
 - Bug [2475](#) – Intel infinipath-psm - opened 3/19/2014
 - Bug [2494](#) – NFSoRDMA – waiting for patch acceptance upstream
 - Bug [2503](#) – RHEL 6.6 support needed
 - Bug [2506](#) – RSocket
 - **Still Open**
 - Bug [2489](#) – NFSoRDMA – delayed until OFED 3.17
 - Bug [2492](#) – Perfest
 - Bug [2502](#) – RDS – under consideration at Oracle
 - Bug [2507](#) – Kernel panic NFSRDMA

OFED 3.12-1

- GA pending

OFED 3.17 or 3.18

- next release
- SLES 12

Open items

OFED Status

Tom Elken – report on status of Intel IB status

- 1) The update submitted by Mike Mar to infinipath-psm is a significant upgrade and not just the resolution of Bug [2475](#). The new updates to the Intel package will support the Xeon Phi like and include all the features that were part of 3.5-2 MIC? Remember that support for MIC requires Intel MSS
- 2) Tom will work with his team to test within a week.

Tatyana

- 1) She feels that Intel iWARP is in good shape with OFED 3.12-1
- 2) She will test with RC3 as soon as it is available.

Steve

He is OK with OFED 3.12-1 RC3.

Rupert

Please test OFED 3.12-1 RC3 on both RHEL 6.6 and RHEL 7.0

Bug Status

- Bug [2489](#) – NFSoRDMA – delayed until OFED 3.17
- Bug [2492](#) – Perfest
- Bug [2502](#) – RDS – under consideration at Oracle
- Bug [2507](#) – Kernel panic NFSRDMA

NFSoRDMA issues

Bug [2507](#) and Bug [2489](#)

- 1) These issues go away in 3.17 rc6 as documented in the bug.
- 2) **Jeff** says that they are really tied up with the preparing for the top 500 list and he does not have time to work on this.
- 3) **Steve**: he recommends that we update the Known Issues in the release notes and begin work on OFED 3.17 and 3.18. He suggested that we add a new product version → OFED Next and target it
 - a) Could considered deferred versus critical.
- 4) **Tom**: no objections to deferring this bug.

Bug [2492](#) – Perfest

This is an enhancement request that is still being worked but will not be available in OFED 3.12-1

Bug [2502](#) – RDS – under consideration at Oracle

This issue will not be resolved in OFED 3.12-1. Support for RDS has been disabled in OFED and will not be included until Oracle can complete the evaluation of the changes needed both in the kernel and the user package. This issue will be reviewed again for OFED 3.18

OFED GA

- 1) We should allow two weeks for testing OFED 3.12-1 RC3.
- 2) Arlin supports the release of RC3 and will test XEON Phi functionality.

Pradeep

- 1) He suggests that we consider waiting until the conclusion of the Interop Debug event.
- 2) **AR**: UNH-IOL test RC3 hard.

OFED Next

Tatyana

- 1) She really wants to test 3.17 or 3.18 at the Interop Debug Event because there a lot of important new features that must be reviewed.
- 2) **Steve** feels we should target the 3.18 kernel because it is young and when we finally GA it will be closer to 3.18 GA. 3.18 is in merge windows and will come out next Sunday or Sunday
- 3) **Tom**: He also feels 3.18 is what we should target
- 4) **Rupert**: I will ask Vlad to do 3.17 or 3.18 depending on available. Target date for a first dailiy build is the start of the OFA Interop Debug event which is 10/27/2014

John Jolly

- 1) SLES 12 – this is the final week of GMC. They currently have released SUSE Linux Enterprise Server 12 GMC2 - (Goldmaster Candidate 2)
- 2) He is OK with OFED 3.17 or OFED 3.18
- 3) **Rupert Question**: What about the second DVD that is over 4.7 GB?
- 4) John Jolly response after research:

I verified that our DVD2 images for SLES 12 would not fit on standard DVD media, so I inquired if this was known and what should we expect from the customer. Here is the response:

- >> This is not a panic for OFED testing. They can work around this issue.
- >> But are we ready to support DVD images that cannot be burned to DVD?
- >
- > Yes, we are (it is not the first time, I've been told :)
- >
- > More important, we are only enforcing DVD1 to fit on a physical DVD4.
- > DVD2 contains only source rpm and is not required to fit on a physical
- > DVD4. As mentioned by Mark, customers who really want to burn those
- > iso on a physical DVD needs to use DVD-DL or Bluray.

So, the answer is: DVD2 is intended to be burned to Dual-Layer media, if it should be burned at all. I suppose we all should be grateful we don't have to make a stack of floppies to install SLES 12. ;-)

ARs

Chelsio – Steve Wise

9/15/2014

- 1) Send patch for Bug [2492](#) upstream to the perftest maintainer and ask them to check out and accept the patch – [in process](#)

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 - [Received 10/9/2014](#)

2/17/2014

- 1) Pradeep will try to get Mellanox FW and adapter model to test IB on NFSoRDMA - [in process 10/10/2014](#)

Intel

8/18/2014

Woody

- 1) Check status on infinipath-psm - [done 10/10/2014](#)

7/21/2014

- 1) **Tom Elken** Get updated infinipath-psm and qib packages by August 15th - [done 10/10/2014](#)

Rupert

10/13/2014

- 1) Ask UNH-IOL to test RC3 thoroughly and as soon as possible - [done 10/14/2014](#)

9/15/2014

- 1) Need to document the issue in Bug [2489](#) in the release notes for OFED 3.12-1 - [done 10/10/2014](#)
- 2) Contact Oracle and see if there is an active maintainer and if they want to include RDS in OFED. If not, then close as not supported under OFED. Is Andy Grover still the maintainer for RDS and Bug [2502](#) - [done 10/10/2014](#)

8/4/2014

- 1) Rupert ask UNH-IOL to test SLES 12
 - a) Sent request to John Jolly for access on 8/14/2014 – [received access on 9/22/2014](#)

UNH-IOL

10/14/2014

Test OFED 3.12-1 RC3 thoroughly and as soon as possible