**OFI WG Data Storage / Data Access Subteam Weekly telecom – 01/20/2015**

**OFIWG Download Site:** [www.openfabrics.org](http://www.openfabrics.org) 🡪OFED/OFA Resources 🡪 OpenFabrics Interfaces WG

**Agenda**

* roll call, agenda bashing
* March f-2-f meeting
* OFA Workshop
* Merged requirements – Bernard Metzler
* Participation from the Lustre (LNET) community
* Release update

**March F-2-F meeting**

- Sunday afternoon, continue on Monday evening?

- Joint meeting? w/ separate breakouts for OFI WG and DS/DA?

- prefer that there not be a conflict between the OFI WG and the DS/DA WG breakout sessions

- possibilities are Sunday AM, or Monday PM

- f-2-f agenda to be discussed next week

**OFA Workshop**

Current planned sessions:

- Ken Raffenetti (Argonne) – Perspective and experience with OFI in MPICH

- Patrick MacArthur (UNH/IOL) – porting the Extended Sockets (EXS) API to libfabrics

- Jeff Squyres ( Cisco) – USnic provider

- Jeff Squyres (Cisco) – the state of libfabrics in OpenMPI

- Sean Hefty (Intel) – OFI mini-tutorial

- Paul Grun (Cray) – OFA perspective on OFI

- 4 sessions on NVMe

- Dave Minturn (Intel) NVME Introduction

- Dave Minturn (Intel) NVMe over Fabrics

- Doug Voight (NVM Programming Model TWG) RDMA and NVM

- Bob Pearson (Cray) – NVM for Burst Buffers

- Bob Pearson (Cray) – Requirements from I/O for use with high performance memory

- Shirley Ma (Oracle) – NFS over RDMA

**OFV (OpenFabrics Verbs) Working Group**

- a place to discuss ways to progress the verbs

- first meeting has not been scheduled, co-chairs are not yet in place, nor is there a mail list, etc.

- stay tuned

**Merged Requirements**

- Currently at a pretty stable spot, nothing further to discuss at the moment.

- Current requirements document is on the OFA download site

**Participation from the Lustre (LNET) community**

- Chet will follow-up with the Intel Lustre team.

- What about GPFS? Currently relying on verbs, no immediate plans to move onto a new interface.

**Release update**

- current plan is to release OFI on 3/31/15

- Based on the requirements document, are there things that need to change in OFI?

Discuss this next week…

- Do we need a different repository for DS/DA, because the kernel is entirely distinct from user mode.

Probably unrealistic to try to merge with the existing OFI.

Need to come to agreement on what path we’re going down…what is the relationship between the two sets of APIs?

- Two possibilities –

begin by examining the existing APIs in the libfabrics repository

fork OFI WG into a new repository and begin munging on it

- There will be completely different provider implementations…

- Because we’re also responsible for things e.g. byte addressable memory, we also need to keep an eye focused on the user OFI APIs

**Next regular telecom**

Next meeting: Tuesday, 2/10/15.

8am-9am Pacific daylight time

**NOTE:** We have switched over to using Webex (courtesy of Cisco). The URL for joining meetings is:

<https://cisco.webex.com/cisco/j.php?J=200935598&PW=67935ad6df07030d5f05044a5b0f>