**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
* Moving forward
* March f-2-f meeting
  + proposed schedule
  + agenda
* Meeting coverage for 2/17 and 2/24 meetings
* Participation from the Lustre (LNET) community

**March F-2-F meeting**

- Suggest Sunday AM DS/DA only, followed by joint OFI meeting Sunday afternoon

- 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:

- settle on repo strategy

- settle on the architecture proposal from Intel

- prioritization of requirements – which are required and how are they prioritized

- use cases for each requirement

- detailed walk through of key objects and methods from current OFI repo

Frank working on merging our requirements with those from OFI WG to identify new requirements.

**Moving Forward**

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

Start by reviewing the existing OFI APIs.

Start at the beginning with the foundational components e.g. FI\_GETINFO.

Stan will put together materials on FI\_GETINFO and ramifications thereof to get us started.

With luck, we will also exit the process with a set of ‘educational materials’

Providers

Expected to emerge as a function of the market – if someone contributes a provider it will exist.

Assume that we will want a verbs provider (kernel OFED stack), possibly a USNic provider (?), RDS provider.

May want to be prepared to address the question of why the OFI provider is superior to verbs.

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

**Requirements**

Chet reviewed that document internally, which raised some questions.

Atomics: is there a use case for this? A: yes, because IB supports them. Not clear if there are requirements from a kernel app. Each provider vendor should make its own decisions about what is, and is not supported. The OFI API itself expresses a great deal of flexibility across the spectrum of capabilities, but it’s unlikely that any given provider will support the full spectrum of capabilities.

Ordering/Execution: the original set of ordering requirements came from Bernard Metzler, who was thinking at the time about byte addressable (non-volatile) memory.

Add a discussion of prioritization of requirements as a F-2-F agenda item?

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

- Chet to follow-up with the Intel Lustre team - no update as yet.

**Meeting Coverage for 2/17 and 2/24 meetings**

- Chet Douglas and Frank Yang have graciously agreed to chair these two meetings (Chet: 2/17, Frank 2/24).

- Paul to send current updated attendance worksheet and minutes template.

**Agenda for next meeting**

- Review of FI\_GETINFO (Stan)

**Next regular telecom**

Next meeting: Tuesday, 2/17/15.

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>