**OFI WG Data Storage / Data Access Subteam Weekly telecom – 05/26/2015**

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

**Agenda**

* roll call, agenda bashing
* Intel update
* GitHub repo update
* Initial client, initial provider

**GIThub update**

- No update on the public repo – still working through the internal legal issues. May take as long as three or four weeks. Meanwhile, continuing to develop using private clones.

- There is a question about whether or not a contributors’ agreement is required.

AR – Paul & Jim R. – address the need for a contributors’ agreement.

**Intel update – Stan Smith**

- Intel has chosen to contribute source code to the project. It will be the framework code; header files, kfi front end module and a ‘null provider’.

- The real work of course is in the provider, but this gives us a big leg up.

- Probably two – three weeks to work through the legal stuff.

- Expectation is that Stan will turn over a tarball that can be used to seed the new GitHub repo as it comes online.

**Directory Structure**

- Not prepared to discuss this today.

- Stan and Frank will huddle offline, hopefully using the OFIWG mailing list, and plan to bring this back for discussion next week.

- Depending on the results of that discussion, we can invite Doug Ledford to join us the following week.

**Initial Client, Initial Provider**

- IBM has suggested the possibility of using its byte addressable memory NVM implementation, but still working through the red tape needed to get it open-sourced.

- In any case, this would be a user space provider, not kernel provider. It is presently built on top of verbs.

- Still need a ‘generic’ kernel provider/kernel client pair.

- Could start with verbs (probably over IB) and use a kfabric wrapper around it.

- Or start with IBMs soft iWARP, replacing the verbs API with the kfabric API.

- RDS is a non-starter because what’s upstream isn’t sufficient as a base. The upstreamed code and Oracle’s internal development have diverged and significant work is required to re-merge them. Oracle is supposedly doing that work, but for now there’s nothing here to help us.

- libfabric socket provider remains a possibility, which gives us a provider for educational purposes, but no client.

**Agenda for next meeting**

- Proposed directory structure for public GitHub repo.

**Next regular telecom**

Next meeting: Tuesday, 6/2/15

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>