**OFI Data Storage / Data Access Subteam Weekly telecom – 03/22/2016**

**DS/DA Shared Documents:** <http://downloads.openfabrics.org/WorkGroups/ofiwg/>

**Agenda**

* roll call, agenda bashing
* Monterey meeting with kernel maintainer
* Review Stan and Scott’s slides for Monterey

**Kernel maintainer discussion**

* Meeting with Doug Ledford set for Monday, 4/4 from 4-6PM in the San Diego room
* Christoph Lameter (who is himself a kernel maintainer) has suggested a different maintainer than either Doug or Dave Miller

**Monterey kfabric slides – Stan Smith**

* Consider using these slides for the discussion with Doug L., or at least steal the Lustre stuff
* Key themes:
  + Removes the section from the original slide deck that recommended kfabric be seen as a parallel to sockets mainly for political reasons
  + Consider adding a description of ‘ULP’ as a talking point at the beginning.
  + Every type of kernel storage client (ULP) currently requires a unique interface for each transport
  + Example: the Lustre LND problem – multiple LNDs for multiple fabrics. Fragile and complex code that breaks often.
  + Leads to a set of objectives for a so-called fabric mid-layer
    - Some hesitance about ‘support for existing networks’ because it may not sit well with the maintainers
  + Kfabric proposal – draw a useful parallel to the evolution of SCSI class drivers / SCSI device drivers. Push the fabric details down into the provider; present a fabric abstraction to the client.
    - Consider re-emphasizing the point that an abstract fabric is presented to the client while fabric details are contained in the provider layer, with one or two exceptions (e.g. address formats) described to make it clear we are being realistic.
  + Consider adding a portion of the stack diagram we have been developing that is focused on storage.
  + For use with the kernel maintainers, Frank suggests adding a slide on the storage data replication use case. It is currently referenced on slide 4 as “Data replication using RMA (multicast)”
* Agreed that this version of the deck is the appropriate vehicle for supporting the discussion with Doug in Monterey.
* Basic strategic direction – position this as a storage solution, allow others to reach the conclusion that it is a good general solution.

**Next week –**

* Paul will be out of pocket next week; plan to meet anyway?

**Next Agenda**

**Webex Recording:**

**Next regular telecom:**

Next meeting: Tuesday, 4/12/16??

8am-9am Pacific daylight time

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

[Join WebEx meeting](https://cisco.webex.com/ciscosales/j.php?MTID=m221d8a20185d84b30daa0096aca0f182)

**Join by phone**

+1-866-432-9903 Call-in toll-free number (US/Canada)

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