**OFI Data Storage / Data Access Subteam Weekly telecom – 12/22/2015**

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

**Agenda**

* roll call, agenda bashing
* Holiday shutdown schedule – 12/29 meeting is cancelled
* OFA workshop Call for Sessions
* Back to the Kernel Maintainer slide deck

**Kernel Maintainer Slide Deck – see the slides kfabric-maintainer discussion\_2015\_1222.pptx**

* Need to address two major questions –
	+ What is the difference between kfabric and verbs? and
	+ What is the difference between kfabric and sockets?
* Slide 4, background – why say both user and kernel mode APIs for storage, since this is a discussion with the maintainers. Include the word ‘scope’ somewhere.
	+ (ed – on further review, I recommend against removing the word ‘user’, even though this slide deck is intended to support a kernel maintainer discussion. The reason is because user mode is within the scope of DS/DA, even if that doesn’t impact the maintainers at this point.)
* Slide 5, add the word ‘remote’ in the first bullet under ‘kfabric is:’.
* Slide 6, needs some work to target it toward the kernel maintainers. At the end of the day, the maintainer’s job is to keep the kernel as lean as possible. Need to warp this mission statement to suit the expectations of the maintainers.
* Slide 8, replace the word ‘block’ with the word ‘message’.
* Some discussion as to whether the ‘sockets comparison’ slide should move to backup
	+ We are positioning this as a peer to sockets as opposed to somewhere down in the driver stack.
	+ Want to try to defuse questions about why not, e.g. do the same thing that RDS did?
	+ Do we need to cover why RDS is not a useful interface
* Slide 11 (kfi framework) – from a kernel maintainer’s perspective, the question arises as to why there is a verbs provider? (Almost the same question w.r.t. the sockets provider.)
	+ Maybe as simple as re-arranging the order of providers – put ‘new providers’ up front.
	+ Want to show ‘New Providers’ alongside ‘Sockets Provider’ to emphasize that kfi is intended to be a peer to sockets.
	+ For ‘Verbs Provider’, show the verbs provider is one of a pantheon of providers that are expected to exist under kfi, including ‘New Providers’.
	+ Stan to take a whack at re-drawing this figure.

**Webex Recording:**

[**Play recording**](https://cisco.webex.com/cisco/ldr.php?RCID=d383303c83f734d78323b806038b6142)

**Next regular telecom:**

Next meeting: Tuesday, 1/5/16

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)

+1-408-525-6800 Call-in toll number (US/Canada)

Access code: 201 212 241