**OFI Data Storage / Data Access Subteam Weekly telecom – 11/08/2016**

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

**Agenda**

* roll call, agenda bashing
* Update on kfabric
* Update on libfabric changes to support persistent memory
* SNIA Persistent Memory Summit
* OFA Workshop

**Recent Linux kernel developments -** [**http://www.snia.org/sites/default/files/SDC/2016/presentations/nvme\_over\_fabrics/Hellwig\_Grimberg\_NVMe\_Over\_Fabrics\_Support\_in\_Linux.pdf**](http://www.snia.org/sites/default/files/SDC/2016/presentations/nvme_over_fabrics/Hellwig_Grimberg_NVMe_Over_Fabrics_Support_in_Linux.pdf)

* No reason why kfabric couldn’t be maintained out of tree, but it requires a significant amount of effort to do so over time.
* Being out of tree is usually a deal killer w.r.t. the distros.
* ‘Secure boot’ issue seems to be coming up; it requires the module being signed by the distros, which requires even more effort.
* The real story is to support non-QP-based devices; need a discussion with the maintainers on how to move support for those type of devices into the kernel.
* PSM and GNI are two such possible devices, but neither company has plans to pursue it at the moment.
* Discussed the possibility of developing a Lustre LND for kfabric. This is attractive since LNDs are staged to go upstream anyway. The strategy would be to develop a “kfabric LND” that could be easily pushed upstream as part of Lustre, but that is genericized in such a way that it could be consumed by other possible consumers of RDMA services.

**Next meeting: Agreed to cancel the next two meetings (due to vacation) and resume on Tuesday, November 8th.**

**Webex Recording: (No recording was made of this meeting. Sorry)**

**Next regular telecom:**

Next meeting: Tuesday, 11/8/16

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