**OFI WG Bi-Weekly telecom – 10/06/2015**

**Agenda:**

* Roll call, agenda bashing
* Experience mapping OFI to the A3Cube Ronniee in-memory network – Paolo Inaudi

**Mapping libfabric to A3Cube Ronniee – Paolo Inaudi**

- A3Cube is a US company that is producing a new, shared memory fabric between main computers and clusters.

- Implemented a new provider called DPA. This is a masters thesis project.

- Overall, pretty easy to map libfabric to A3Cube

- Main difference is that A3Cube doesn’t have message passing, purely shared memory.

- one difficulty is that there is no message queue

- remote memory regions – libfabric requires you to connect to it before using it.

- would like the ability to cause a signal at the remote end due to an RMA operation. Currently, the only choices are to create a CQ event or bump the counter.

- Plans to mainstream the provider as part of libfabric. Will use the required dual license.

- Paolo ported the man pages to Italian.

**Offering man pages in other languages?**

There is some interest in trying to periodically port the man pages into other languages.

What about a Programmer’s Reference Guide? No obvious source of resources to get such a document written.

**Future Agenda Topics:**

**Webex link:** <https://cisco.webex.com/ciscosales/j.php?MTID=m9389b0513c9ae643d57e2381e254dcf5>
Webex password: ofi

**OFIWG Download Site:** [www.openfabrics.org/downloads/OFIWG](http://www.openfabrics.org/downloads/OFIWG)

**Github:** <https://github.com/ofiwg/libfabric>

**OFI Software Download Site:** [www.openfabrics.org/downloads/OFI](http://www.openfabrics.org/downloads/OFIWG)

**Link to WebEx Recording** - Play recording (51 min 51 sec)

**Next regular telecon**

Next meeting: Tuesday, 10/20/15

9am-10am Pacific daylight time