**OFI WG Bi-Weekly telecom – 05/9/2017**

**Agenda:**

* Update on 1.4.2 release
* Modified proposal for basic collective offload primitives/Adjustments to deferred work queue proposal for 1.5
* Others?

**Update on 1.4.2 release**

* Rc1 is out, not anticipating rc2.
* Goal is end of this week or early next week, being driven by a third party schedule.
* Not clear what testing has been done with 1.4.2

**Modified proposal for basic collective offload primitives/adjustments to deferred work queue proposal for 1.5**

* Still marked as experimental
* Basic application requirements for MPI semantics – basically want to start an operation when a preceding group or set of operations has completed.
* Looked at as a generalization of triggered operations
* Current proposal has some potential for races – when a deferred operation is posted, the predicate operation may have already completed and be gone.
* Proposal – use a triggering counter, and completion counter, and a threshold to trigger the dependent operations.
* Proposal – implement this experimentally.
* The key is whether the three structures, triggering counter, completion counter, and threshold, are composed of existing objects exposed to the application, or are implemented as objects hidden from the application.
* Comments:
	+ Probably need a PR to allow commenting. A: expect a PR within a week or so.
	+ Are there API developers who noticed an issue with Sayantan’s original proposal? A: Don’t know, no implementation of MPI yet. The modified proposal emerged as Sean attempted to implement the Sayantan’s proposal in the sockets provider. Some question as to whether this should be implemented in libfabric, or at a higher level.
* Helps for non-blocking collectives

**Release 1.5**

* Targeting for end of June, (even if that means some items as experimental)
* RC1 towards the beginning of June

**Recording:**

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| **Every 2 week OFIWG/libfabric meeting-20170509 1606-1** |
| Tuesday, May 9, 2017 |
| 12:06 pm  |  Eastern Daylight Time (New York, GMT-04:00) |
| [Play recording](https://cisco.webex.com/ciscosales/lsr.php?RCID=d2803d90c26248abaaef3cc10e61b195) (26 min 38 sec) |
| Recording password: aRJxJjK4 |  |

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**Webex link:** See the OFA central calendar for meeting logistics. <https://openfabrics.org/index.php/ofa-calendar.html>

**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)

**Next regular telecon** (3/28 is the OFA Workshop, so cancel and meet in four weeks)

Next meeting: Tuesday, 4/11/17

9am – 10am Pacific daylight time