**OFI WG Bi-Weekly telecom – 12/01/2015**

**Special Joint Session of OFIWG & DS/DA**

**Agenda:**

* Roll call, agenda bashing
* API extensions for next major release
* Release schedule
* F-2-F in Monterey

**Release Schedule**

* Current release is planned for the end of this year, RC created right before supercomputing. Need an rc2, probably this week. Intent is for release by the end of the year, preferably by mid-December. Sean needs to check in with the providers to see where they are.

**API Extensions – see Sean’s slides**

* First half of slide deck looks at process questions. Need for extensions based on:
	+ Based on a review of github issues list
	+ New features being requested
	+ Potential for improved efficiency.
* API versioning – x.y (major.minor)
	+ Turns out that it matches the library version
	+ Currently, no changes seen in the interface
	+ Looking at ~12 or so issues
	+ Proposal: limit any extensions to the API versioning to less than once per year; include potential changes into a single release.
* Is it worth spawning a new branch for 2.0, or do we just
* List of possible extensions, mainly the ones that are likely to have an impact on the API – to be discussed in more detail in upcoming meetings.
	+ Expanded iovec support
	+ Reporting domain events – e.g. how does a port up event map to a libfabric object? New registration mechanisms needed to support this?
	+ Provider specific AV information –
	+ Configuration File support –
	+ Multicast support
	+ Atomic data sizes
	+ Relaxed CQ flag support
	+ Chained Operations – mark the end of a list of linked operations
	+ Buffered receive restrictions – really about the tag matching interface
	+ Report Optimal CQ attributes – no way for the provider to indicate what the optimal usage of the CQ is. What’s the optimal size for a CQ? It’s optimal if you don’t provide source address…
	+ Framework expansions –
	+ FI\_ASYNC\_IOV limits
	+ Restrict EP and CQ bindings
	+ CQ reports source address – in some cases, the source information is not in the current address vector

**Future Agenda Topics:**

* API extensions for next major revision (Sean)

**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**](https://cisco.webex.com/ciscosales/lsr.php?RCID=d312535cc7ab478eb4f92b3573dcbc8c)

**Next regular telecon**

Next meeting: Tuesday, 11/03/15

9am-10am Pacific daylight time