**OFI WG Weekly telecom – 12/16/2014**

**Agenda:**

* Release Readiness? Sean Hefty

**Future Agenda Topics:**

* Detailed inventory of the current state of the generic sockets provider
* End-to-end flow control – someone volunteered to try to capture a table of possible options
* Credit discussion – we discussed this two weeks running – conclusion?
* Release process – this discussion produced several ARs:
  + Investigate using github to publish man pages
  + Look into applying mechanisms used by OpenMPI to our release process
* Interfaces and structures for reporting topology data

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

**Link to WebEx Recording:** [**Play recording**](https://cisco.webex.com/ciscosales/lsr.php?RCID=c1a0d9c64e77468c8a3547acf7eaead4)

Release Readiness – see Sean’s slides

- generated a list of requirements for release at the f-2-f meeting.

- major gap today is in unit test to validate APIs (~12 basic test programs available)

- looking at four providers today:

- USNIC, sockets, verbs, PSM

- not all providers support all capabilities, meaning that a given provider may not have a full implementation. It is by design that any given provider decides what capabilities to support.

- Open issues: 40-50 issues on github, the following are the keys prior to release:

- finish sockets provider – does not yet run with MPI.

- verbs provider support for fi\_\*\_attr – some updates needed.

- flow control mechanisms still being discussed in OFI WG. So far looks like minor changes, but may impact provider implementations.

- environment variable support – environment variables are a ‘hidden’ API, possibly defer to post 1.0?

- shared memory provider impacts on the API. no implementation exists today.

- EQ enhancements (includes 3 sub-issues)

- CQ clarification – completion ordering not defined, RMA events at target side.

- “release” means a tarball is available with the necessary packages.

- The decided 3 month release process is:

1. alpha phase during month one

2. RC phase during months two and three

3. Release occurs at the end of month three.

- Therefore, we will enter the three month process on January 1, 2015 with Release 1.0 on 3/31/15.

- There will be a difference between the first release and subsequent releases

- Where to put the nightly tarballs? Not necessarily an appropriate use of github. Use the OFI WG downloads area on the OFA site.

- People should do daily builds based on the nightly tarball.

- Proposal – keep nightly tarballs on the OFA webserver (flatbed).

AR: Paul to work with Jeff to define a spot on the downloads server.

AR: Paul to add Jeff to OFIWG group on the server.

AR: Paul to reorganize/rationalize the OFIWG downloads site

**C&I – Jim Ryan**

- looked at the MPI Forum pages and found them helpful.

- volunteers to work with Jeff to look at adopting the best parts of the MPI Forum pages.

- MPI Forum pages could point the way toward finessing the question of standards w.r.t. OFA.

AR: Jim and Jeff to investigate further.

**Send Credits Discussion – Reese Faucette**

- has anybody looked at the proposal?

- yes.

- current attributes are sufficient, need only to add two new calls to endpoints.

AR: Reese – create a few illustrative test cases.

**Agenda for next meeting:**

- Credits proposal (see Reese Faucette’s email dated 12/8/14 titled “credits proposal”)

- continue flow control discussion if needed

**Meetings on 12/23 and 12/30 are cancelled.**

**Next regular telecom**

Next meeting: Tuesday, 1/6/15

9am-10am Pacific daylight time