**OFI WG Bi-Weekly telecom – 06/30/2015**

**Agenda:**

* Roll call, agenda bashing
* HotI Paper (Paul)
* Update on current status/issues
* FI\_MSG\_PREFIX issue (Ben T)
* Rsockets presentation (Sean)
* libfabric port to other platforms e.g. Windows (Sean)

**Hot Interconnects paper (Paul)**

- Reviewers’ comments distributed to the author team

- Link to instructions for formatting a camera ready version:

 <http://www.ieeeconfpublishing.org/cpir/authorKit.asp?Facility=CPS_Aug&ERoom=HOTI+2015>

- Final paper due July 13

- Ryan Grant confirms that we can add up to two new pages ($50 per page)

- Sean circulated some new materials related to performance to the author team

- Are there restrictions on distribution? Probably a no-go to publish it to the OFA website.

- Remove existing draft from downloads site, while it is undergoing revision to avoid conflict with HotI

- Bob volunteers to continue to edit the final paper.

**Current Status – Sean**

- v1.1rc1 has been published

- release v1.1 planned for Thurs, 7/2

- no blocking issues at this point

- no formal testing process, typically run various providers against fabtest, openmpi

- need to also cut a fabtest v1.1rc1

- future topic – should we formalize the release testing process?

**FI\_MSG\_PREFIX issue – Ben Turrubiates**

**-** usNIC is the only user of this today

- weird inconsistency between send and receive

- want to resolve this for this release since it is currently being used and want to limit the damage of backward compatibility

- suggestions: add a new mode bit, or use the (planned) libfabric versioning scheme to signify that after a certain version the behavior of FI\_MSG\_PREFIX can be expected to behave differently.

- Currently, two pull requests are outstanding which contain the two different proposals.

- Deprecate (rename) FI\_MSG\_PREFIX

- Sean points out that as of today there is no requirement that an FI\_INFO structure be allocated via the API.

- Consider adding the (long planned) version field to fi\_info

- Not clear today what the version field of FI\_INFO means. In any case this may or may not be part of resolving this particular issue.

- Ancilliary question: What does it mean if the libfabric package release number is different from the API (fi\_version) version number? Can we get into a situation where the package is 1.1 and the API version number is 2.0

- Need a plan for:

 - Do fi\_info structs only come from the library? If so, we need a runtime check to assure this.

 - Add a version number to fi\_info itself, and if so, does that solve the msg prefix problem?

- Addressing these two will help us understand if we need to slip the release date, and if so, by how much.

This discussion brought us to a level of understanding of the issues and the possible solutions.

Next step – settle on a resolution either via email on the reflector or via discussion of the two Pull Requests.

Ben - In some cases there are overlapping parameters in some fabtests, which sometimes don’t mean the same thing. Any objection to rationalizing those? A: No. Go to it.

**Rsockets – Sean**

- still working on the code for this, may require added discussion later.

- Sean has a presentation on this which will be deferred to a later meeting.

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

**Future Agenda Topics:**

- Sean’s rsockets topic

- porting libfabric to other platforms (e.g. Windows)

**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=b8c86ac30be249fa8aa5701638717ff2)

**Next regular telecon**

Next meeting: Tuesday, 7/14/15

9am-10am Pacific daylight time