**OFI WG telecon – 09/24/2019**

**Agenda:**

1. Opens, Agenda bashing
2. Persistent Memory Stuff – Chet Douglas

**Opens**

-none-

**Rel 1.8.1 rc1 is out, may try for rc2 today. Final release should be Monday ro Tuesday next week.**

**Persistent Memory Update – Chet Douglas**

Native RDMA support for byte addressable PM. “Intel’s plans for supporting RPMEM 2.0”

Reviewed “RPMEM 1.0” based on ULP s/w changes only. No wire protocol changes, no OFA lib changes, no h/w changes required. The predominant method (“Appliance Method”) is Intel specific.

“RPMEM 2.0” is RDMA extensions for PMEM. Introduces an RDMA Flush, and an RDMA Atomic Write (NOT the same as atomics!?!) Requires n/w wire protocol changes and PCIe protocol changes (claim is that it doesn’t require PCIe spec changes)

New attributes added to fi\_get\_info and fi\_mr\_reg:

fi\_get\_info – add FI\_PLACEMENT\_PMEM, FI\_PLACEMENT\_GO

fi\_mr\_reg – FI\_PLACEMENT\_PMEM, FI\_PLACEMENT\_GO

New wire semantics:

RDMA Flush – forces flush of previous RDMA Write data

RDMA Atomic Write – 8 byte pointer update only

**Next meeting**

Tuesday, October 8, 2019

9:00 – 10:00AM PST

**Recording:**

**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>

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