**OFA XWG Meeting**

**January 9, 2020**

**10am Pacific Time**

1. Roll Call:

Board Members:

**At-Large / Harold Cook**

Broadcom / Eddie Wai

**Cray/Paul Grun (non-voting)**

**HPE / John Byrne**

Huawei / Daqi Ren

**IBM / Bernard Metzler**

Intel / Divya Kolar

**Jump Trading / Christoph Lameter**

**LLNL / Matt Leininger**

**Mellanox / Jason Gunthorpe**

NetApp / David Dale

**Oak Ridge / Scott Atchley**

**Red Hat / Doug Ledford (non-voting)**

**Sandia / Mike Aguilar**

Others:

**OFA/Jim Ryan**

**Intel/Tatiana**

1. Opens, Agenda Bashing
2. Approve minutes from [12/05/2019 XWG meeting](https://downloads.openfabrics.org/WorkGroups/board/minutes_xwg/2019/OFAXWGMinutes_20191205.docx)

* A motion to approved the minutes from 5 December was made by Michael Aguilar (Sandia). A second to the motion was made by Scott Atchley (Oak Ridge). The vote was approved.

1. Interop program discussion – Doug Ledford

* We are hoping to enable:
  + Automatic, continuous testing of upstream software (kernel, rdma-core, others)
  + Creation and incubation of an open-source community that contributes test that can be ru in an automated fashion in the cluster
  + On-demand testing of OS distros (Red Hat, SuSE, OFED, etc.)
  + On-demand testing of specific hardware (Intel iWARP, Mellanox IB, etc.)
  + On-demand testing of specific software (OpenMPI, AMQP, Libfabric, UCX, OpenStack, others)
  + On-demand platform for development (Apache?, MySQL?
* **Red Hat will provide modifications to their Beaker software testing infrastructure and include those modifications into their open-source project.**
  + **Beaker (infrastructure piece to manage lab)**
    - [**https://beaker-project.org/**](https://beaker-project.org/)
  + **Gitlab Continuous Kernel Integration Project (open source automation trigger source, as used by Red Hat for automatic testing of upstream kernels, to be modified for our use as an automated testing trigger source)**
    - [**https://gitlab.com/cki-project**](https://gitlab.com/cki-project)
  + **Github CKI-project/tests-beaker (Red Hat is slowly migrating their internal beaker tests to this repo…the RDMA tests aren’t in it yet, but this is where they will land, and then hopefully other people can help expand them)**
    - [**https://github.com/CKI-project/tests-beaker**](https://github.com/CKI-project/tests-beaker)
* The beaker lab controller is responsible for powering on and off each lab machine, and for controlling the dhcp boot parameters for each lab machine. By using this, it can install whatever software is requested simply by setting up the proper PXE boot image in DHCP.
* The more people check out resources on a system for testing, it becomes important to make sure to manage the resources on the system.
* If you are doing performance testing work, old hardware might be an issue.