**OFA XWG Meeting**

**July 9, 2020**

**10am Pacific Time**

1. Roll Call:

Board Members:

Broadcom / Eddie Wai

**HPE / John Byrne**

Huawei / Daqi Ren

IBM / Bernard Metzler

**Intel / Divya Kolar**

~~Jump Trading / vacant~~

LLNL / Matt Leininger

Mellanox / Gilad Shainer

**Oak Ridge / Chris Zimmer**

**Sandia / Mike Aguilar**

Other Attendees (non-voting):

At-Large / Harold Cook

**HPE / Paul Grun**

**IBM (Red Hat) / Doug Ledford**

**OFA/Jim Ryan**

**Intel/Tatiana Nikolva**

**Intel/Phil Cayton**

**Sandia/Phil Regier**

1. Opens, Agenda Bashing
2. Approve [minutes from June 18, 2020](https://downloads.openfabrics.org/WorkGroups/board/minutes_xwg/2020/OFAXWGMinutes_20200604.docx) meeting

* A motion to approved the minutes from 18 June was made by Divya Kolar (Intel). A second to the motion was made by Michael Aguilar (Sandia). The vote was approved.

1. Filling the Treasurer role (slides attached)

* Jim Ryan has been nominated.
* Nomination period is open until 23 July 2020.

1. OFA Fabric Software Development Program (FSDP) Working Group Charter

The FSDP delivers on the OFA’s mission to accelerate the development and adoption of advanced fabrics for the benefit of the advanced network ecosystems. It accomplishes this by providing and managing a cluster and accompanying software infrastructure to:

* provide continuous integration testing for the Linux open source community
* on demand access for clients including hardware vendors and distros
* optional logs program for hardware vendors and distros
* usage will be subject to the “FSDP” Acceptable Use Policy”

The FSP will be administered by the FSDP Working Group (FSDPWF), which is a “Works of Authorship” WG. The FSDP WG:

* controls access and use of the FSDP, including the ability to undertake necessary emergency measures to the system running and maintaining utilization of the FSDP
* serves as the source of test plan specification for the logo program
* validates and publishes logo program test result
* arbitrates disputes with respect to the FSDP cluster
* Responsible for maintaining the FSDP acceptable use policy, subject to Board approval
* enforces the FSDP acceptable use policy
* Decisions of the FSDP will be final
* The FSP EG may cooperate with and provide services to any upstream project may emerge with respect to FSDP program goals
* The FSDP will be a membership benefit to paid OFA members and will be funded and manage by the OFA. FSDP will be made available to provide continuous integration testing to the upstream community free of charge

OFA FSDP Acceptable Use Policy

The FSDP is intended to support development, debugging, testing and validation of software related to the fabrics ecosystems, as well as, tangentially related technologies such as remote peer-to-peer DMA to GPUs or remote persistent memory, FPGA accelerators, etc. This includes, but is not limit to: Linux kernel code, user space, code, and firmware for HCA devices.

NO GUARANTEE OF UPTIME—NO WARRANTY – this is a bet effort service, but under no circumstances is there any guarantee of uptime or warranty for usefulness of the cluster.

All OFA member will be granted unlimited access to the FSPD is subject to these policy guidelines.

* No illegal activities—the cluster may not be used for any illegal acts, for example, attempting to launch an attack on a site on the internet.
* No harassment—members may not harass other members using the cluster.
* No intentional interference---members may not intentionally interfere with other members use of the cluster by flooding traffic to a machine checked out by another member or by attempt to login to any other member’s machine without a specific invitation to do so.
* No unrelated activities----members may not use the cluster for otherwise legal activities that are not related to the development, debugging, testing, or validation of fabrics related software. For example, no bitcoin mining on the cluster.
* No benchmarking-members---members may run test on the cluster for their own education but under no circumstance shall any performance number run on the FSDP cluster be published or release outside of the member’s organization
* No marketing use---members may not attempt to reverse engineer any of the HCA firmware or other elements of the cluster
* No reverse engineering-members
* No camping---the cluster is intended to be operated primarily in an automated fashion. Manual checkouts of machines are allowed, automated tests are to be preferred and use whenever possible.
* No hogging

1. Discussion of the vendor selection for the FSDP

* UNH-IOL vs Opus Interactive

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| --- | --- | --- |
| Beaker Admin vs server maintenance hours/month | UNH-IOL | Opus Interactive |
| 10+1 | $3,251/month | $2,074 |
| 20+2 | $3,251/month | $3,049 |
| 30+3 | $3,251/month | $4,024 |
| 40\_4 | $3,251/month + minor add | $4,999 |