**OFA XWG Meeting**

**August 13, 2020**

**10am Pacific time**

1. Roll Call:

Board Members:

At-Large / Harold Cook

Broadcom / Eddie Wai

HPE / John Byrne

Huawei / Daqi Ren

**IBM / Bernard Metzler**

**Intel / Divya Kolar**

**LLNL / Matt Leininger**

Mellanox / Gilad Shainer

Oak Ridge / Chris Vimmer

**Sandia / Mike Aguilar**

Others:

**Jim Ryan**

**Paul Grun**

**IBM/Red Hat / Doug Ledford**

Intel / Tatyana Nikolova

Intel / Bob Woodruff

Intel / Phil Cayton

**Sandia/ Phil Regier**

**HPE/Russ Herrell**

**LLNL/Jim Foraker**

1. Opens, Agenda Bashing
* Nominations for Co-Chair of the FSDP Working Group are still open.
* The Workshop might be virtual again, for the 2021 year. This is due to Covid-19 travel restrictions.
1. Approve XWG minutes from July 30, 2020
* A motion to approved the minutes from 30 July was made by Michael Aguilar (Sandia). A second to the motion was made by Divya Kolar (Intel). The vote was approved.
1. Discussion of new Bylaws (these are finally through attorney review and are ready for submission to member companies for review)
* Proposed Sequence
	+ Adopt new Bylaws, IPR Policy
	+ Adopt new Membership Policy
	+ Draft new Membership Agreement
	+ Board Policy document
	+ Working Group Policy
	+ Articles
* Motion - *The following shall be the process to be used for amending the Alliance’s Bylaws:*
	+ *Proposed amendments shall be first discussed by the XWG*
	+ *Each proposed amendment is ratified by a majority vote of the BoD*
	+ *Before any action can be taken on a proposal, it must have been posted to the ofa\_board mailing list no later than 72 hours prior to the meeting where action is requested*
	+ *The 72 hour rule can be waived by unanimous agreement of all those participating in the meeting. Any votes taken on such proposals are considered conditional for a 24 hour period following the close of the meeting, allowing those who did not participate in the meeting to raise an objection. If no objections are raised, the action is considered final and the topic is closed.*
	+ *Once closed, a 2/3 vote of the full Board is required to re-open a previously voted topic*
	+ *When all proposed amendments have been acted on by the BoD, the resulting Draft Amended Bylaws shall be circulated to Promoters for a thirty day review*
	+ *Comments, if any, are incorporated by the BoD to create a Final Draft*
	+ *The Final Draft is reviewed by OFA Counsel. Comments, if any, from counsel are considered by the BoD. This may result in a new thirty day Promoter review.*
	+ *BoD vote is taken to adopt the Final Draft*
* At the meeting of the Board, for any motion that has met the 72 hour rule, the process for debating the motion shall be:
	+ - The chair calls for a reading of the motion
		- The chair asks for a second. Lacking a second, the motion is defeated
		- The chair asks for discussion
		- Discussion may result in one or more amendments. Any offered amendments must be accepted by both the motioner and the second
		- The chair calls the question, asks for a reading of the final motion, and a vote is taken
		- At its discretion, the chair may call for a role call, or may ask if there exist any no votes or abstentions. Lacking any, the motion passes by unanimous acclamation. In the presence of any no votes or abstentions, a role call vote is taken.
1. Discussion of new OFA Fabric Manager Framework initiative
* Create an OpenFabrics Management Working Group to:
* Develop, test, and distribute:
* An extensible, open source framework that provides access to high-performance fabric management interfaces and services.
* Extensible, open source interfaces aligned with orchestration and workload management application needs for high-performance fabric management services.
* Problem Statement:
	+ HPC clusters and cloud computing environments are running increasingly diverse and dynamic workloads
	+ More numbers of and types of messaging and storage fabrics
	+ New interconnect capabilities such as memory semantic fabrics
	+ Orchestration tools and workload managers do not deal well with multiple fabrics
	+ There is an explosion of fabrics, resources, and clients, yet no common fabric manager interfaces and fabric models available
* Proposal
	+ Develop the OFM interfaces based on management tool needs
	+ Create work register between OFA and DMTF
	+ Evolve the Redfish fabrics model and schema to accommodate the defined framework interfaces
	+ Evolve the Redfish model and schema to ease translation of existing fabric models for providers
	+ Design in flow-through Provider optimizations
	+ Design in support for memory semantic features
	+ Design in extension support
	+ Export low-level fabric *services*
	+ Focus on abstracted fabric hardware functionality