OFA XWG Meeting
July 26, 2018
10am PST

1. Roll Call:
   Board Members:
   > **At-Large / Harold Cook**
   > Broadcom / Eddie Wai
   > **Cray/Paul Grun**
   > **HPE / John Byrne**
   > Huawei / Daqi Ren
   > IBM / Bernard Metzler
   > **Intel / Divya Kolar**
   > Jump Trading / Christoph Lameter
   > **LANL / Parks Fields**
   > LLNL / Matt Leininger
   > Mellanox / Gilad Shainer
   > NetApp / David Dale
   > **Oak Ridge / Scott Atchley**
   > RedHat / Doug Ledford
   > **Sandia / Mike Aguilar**

   Also present:
   > LANL/Jesse Martinez
   > Mellanox/Bill Lee
   > **OFA/Jim Ryan**
   > Intel/Paul Bowden
   > Intel/Bob Woodruff

2. Approve XWG minutes from 7/12

   - A motion to approved the minutes from 12 July was made by: Michael Aguilar (Sandia). The motion was seconded by Scott Atchley (ORNL). The minutes were unanimously approved.

3. Discussion of Advanced Network Software (ANS)

   - The current desicription for Advanced Networks Software is:

     Advanced Networks Software is a suite of high performance APIs and associated software for current and future HPC systems, cloud, and enterprise data centers. It is focused on applications requiring more efficient networks, storage connectivity, and scalable parallel computing.

     The OFA is actively developing and supporting the following fabric technologies:

- *Kernel modules to support kernel level applications:*
  - *Storage Technologies (Lustre, SRP, NVMoF, etc)*
  - *Legacy Communication (Sockets)*
- *User mode APIs based on:*
  - *Verbs supporting InfiniBand-style networks*
  - *OpenFabrics Interfaces (OFI) providing a higher level semantic that is network independent*
- *Emerging and future networks*
  - *Remote Persistent Memory*

4. Collaborations status/update
   4.1. Possible Desktop Management Task Force (DMTF) Alliance Partnership– "Extensions to Redfish to Support Clustered Fabrics"
   - See slides 8, 11, 14 of attached slide deck
   - Redfish provides off-platform of compute, storage, network, and Data Cemter Infrastructure Management.
   - Possible work register to be used to drive internal OFA discussion

   4.2. Possible (Open Network User Group) ONUG collaboration
   - This possible collaboration would help us get an end-user perspective.

   4.3. SNIA – ongoing RPM collaboration activity
   - Non-Volatile Memory Persistent Memory for High-Availability Whitepaper update
   - Enumeration of Use Cases
   - Our part is to make sure Libfabric meets the SNIA Persistent Memory Use-Cases after feedback from OFIWG from enumeration of Use-Cases
     - There is a difference in the fact that there is a notion of Read/Send context instead of Q-pairs.

   4.4. Gen-Z
   - Gen-Z has reviewed our work register and we are working through their comments.

   4.5. Linux Kernel Community
   - Our Bylaws
   - Intel is sponsoring Divya Kolar (Intel) to attend the OpenSource Summit in Vancouver, British Columbia.

   4.6. IBTA
   - We are looking into collaborating with IBTA on InterOp testing, enhancements to the Verbs API, and Libfabric over the Verbs API.