

**Open Fabrics Alliance - Developer Summit at SC06,**  
**Tampa Convention Center**

**Thursday Nov 16 Room 17 1.30-8.30PM,**  
**Friday Nov 17 7.30AM-3.30PM**

**Open to all - registration required – visit <http://www.acteva.com/booking.cfm?bevoid=120521>**  
**Half - \$75.00, Full - \$149 covers food and beverages catered during working sessions.**  
**There will be wireless networking service but bring a power strip for your laptop.**

**Current Draft Agenda at a Glance Version 1.7 authors Jeff Squyres and Bill Boas**

| <b>Time</b>     | <b>Session</b>   | <b>Moderators</b>   |
|-----------------|--|---|
| <b>13.30</b>    | <b>Introduction, OpenFabrics Software, Enterprise Distribution</b>   | <b>Bill Boas</b>  |
| <b>14.00</b>    | <b>Experience with OpenFabrics and OFED – feedback from customers on content, stability, distribution process, support, etc. Input sought from all customers and distributions present</b>           | <b>Dave Cohen, Head Bubba, Moiz Kohari, Galen Shipman</b> |
| <b>14.45</b>    | <b>Break – Coffee, Tea, Soft Drinks, Cookies, Fresh Fruit</b>  |   |
| <b>15.00</b>    | <b>OpenFabrics Software Trunk (OFST) - Release 2.0 Current Processes</b> Data base trunk and branches, testing, contribution of code, submitting code for review and inclusion.                      | <b>Bob Woodruff</b>                                       |
| <b>15.45</b>    | <b>OpenFabrics Enterprise Distribution (OFED) – Current 1.x Processes -</b><br>Database, patches, testing, bug tracking, release candidates, interfacing with Novell and RedHat                      | <b>Jeff Squyres</b>                                       |
| <b>16.30</b>    | <b>Customer Requirements for OFST 2.0 and OFED 1.1, 1.x -</b><br>Requirements prioritized by between longer term for OFST and longer term for OFED 1.x   | <b>Matt Leininger, Dave Cohen</b>                         |
| <b>17.15</b>    | <b>GPFS Requirements for OpenFabrics Software</b>  | <b>Roger Haskin</b>                                       |
| <b>17.45</b>    | <b>Working Supper – OpenFabrics iWARP Update –</b><br>Degree of IB and iWARP integration in OFSS, SCinet Experience, Proposed steps to OFSS 2.0  | <b>Tom Tucker</b>   |
| <b>18.30</b>    | <b>Linux Kernel Core Enhancements, Developers and Timeline incl. iWARP</b>   | <b>Hal Rosenstock, Sean Hefty, Tom Tucker</b>             |
| 18.30           | MAD  | Hal Rosenstock  |
| 18.39           | CM, RDMA_CM  | Sean Hefty  |
| 18.48           | Async_Get_User_pages   | Sean Hefty  |
| 18.57           | IB routing enablement  | Hal Rosenstock.   |
| 19.06           | QoS support  | Eitan Zahavi.   |
| <b>19.15</b>    | <b>OpenSM, Tools and Diagnostics</b><br>Node Description, Trap Support, Event Subscriptions, ULP use, Performance Manager, Quality of Service Manager, IB routing and algorithms, Tools, Diagnostics | <b>Hal Rosenstock, Eitan Zahavi</b>                       |
| <b>20.00</b>    | <b>Xen Implementation</b>  | <b>Moiz Kohari</b>  |
| <b>20.30</b>    | <b>Feedback on Core Enhancement Plans</b>  | <b>Matt Leininger, Dave Cohen</b>                         |
| <b>21.00 on</b> | <b>SportsBar in the Marriott Waterside – across the street</b>   | <b>No host Get Together</b>                               |

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| <b>07.30</b>   | <b>Friday 17<sup>th</sup> TCC Room 13 Continental Breakfast</b>  | <b>Half Program here</b>  |
| <b>08.00</b>   | <b>Upper Level Protocol Enhancements OFST 2.0 and OFED 1.x – Linux, Windows and iWARP</b> - describe features for High Availability, Load Balancing, Performance and Scalability                   | <b>Matt Leininger, Moiz Kohari</b>  |
| 08.00<br>08.15<br>08.30<br>08.45<br>09.00<br>09.15<br>09.30<br>09.45 | IPoIB Connected mode support, Bonding, NAPI<br>SDP zcopy, AIO, Netstat, Performance<br>SRP<br>iSER<br>NFS over RDMA<br>Lustre LNET NAL<br>InfiniBand gateways – bridges and VNIC<br>Oracle and RDS | Eitan Zahavi<br>Eitan Zahavi<br>Madhu Lakshmanan<br>Or Gerlitz<br>James Lentini<br>Eric Barton<br>Madhu Lakshmanan<br>Richard Frank |
| <b>10.00</b>   | <b>Break – Coffee, Tea, Soft Drinks Cookies, Fresh Fruit</b>   |   |
| <b>10.15</b>   | <b>Component Review Cont. OFST 2.0 and OFED 1.x – Linux, Windows and iWARP</b> describe features for High Availability, Load Balancing, Performance and Scalability                                | <b>Bob Woodruff, Dave Cohen, Tom Tucker</b>   |
| 10.15<br>10.30<br>10.45<br>11.00<br>11.15                            | Usermode RDMA_CM<br>1.2 verbs support<br>uDAPL 2.0<br>Open MPI<br>MVAICH   | Sean Hefty<br>Sean Hefty<br>Arkady Kanevsky<br>Jeff Squyres<br>DK Panda   |
| <b>11.30</b>   | <b>OFED Testing Procedures</b> - testing matrix, who tests what, how to publish results, how to add iWARP testing  | <b>Amit Krig</b>  |
| <b>12.00</b>   | <b>Working Lunch – OFED 1.x, Features, Road map, Timelines</b>   | <b>Tziporet Koren</b>   |
| <b>13.00</b>   | <b>Interactions between OFST 2.0 Development and OFED 1.x Processes for Coordination, Bug Fixes, Testing etc.</b>  | <b>Tziporet Koren, Bob Woodruff</b>   |
| <b>13.30</b>   | <b>OFST/OFED 2.0 Resources, Features, Roadmap, Timeline</b>  | <b>Bob Woodruff, Jeff Squyres</b>   |
| <b>14.30</b>   | <b>Summarize Agreements, Assign Follow Up, and Action Items for Developers and Enterprise Working Groups Wrap-Up</b>   | <b>Matt Leininger, Bob Woodruff, Jamie Riotto, Betsy Zeller</b>   |
| <b>15.00</b>   | <b>Break - Coffee, Tea, Soft Drinks Cookies, Fresh Fruit</b>   |   |
| <b>15.30</b><br><b>17.30</b>   | <b>Room available to 17.30 if needed for further discussions as desired by attendees remaining</b>   | <b>Departure</b>  |

### **Goals of the Summit**

- 1) - consistency and robustness of the Linux software stacks for Release 2.0 of OpenFabrics with the Linux stack and ULPs supporting iWARP integration;
- 2) - feature selection, development resources and timelines for Release 2.0 of OpenFabrics;
- 3) - activities, features and processes of the Enterprise Working Group on OFED 1.x until Release 2.0 is ready hand-off to the EWG;
- 4) - enhancing the resources of the EWG to be ready for 1.x and 2.0 it so that when distributed as OFED 2.0 and adopted by the OpenFabrics vendor and customer communities it is as ready as possible for the Linux distributions and for production deployment and use.