Meeting of the Technical Steering Committee of the Akraino Edge Stack Project

March 10, 2020
## TSC Voting Member Roll Call

<table>
<thead>
<tr>
<th>SL No.</th>
<th>Member Company</th>
<th>Voting Member</th>
<th>Contact Information</th>
<th>Present</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>AT&amp;T</td>
<td>Kandan Kathirvel</td>
<td><a href="mailto:kk0563@att.com">kk0563@att.com</a></td>
<td>x</td>
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<tr>
<td>2</td>
<td>Nokia</td>
<td>Tapio Tallgren</td>
<td><a href="mailto:tapio.tallgren@nokia.com">tapio.tallgren@nokia.com</a></td>
<td>x</td>
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<td>3</td>
<td>Ericsson</td>
<td>Andrew Wilkinson</td>
<td><a href="mailto:andrew.wilkinson@ericsson.com">andrew.wilkinson@ericsson.com</a></td>
<td>x</td>
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<td>4</td>
<td>Arm</td>
<td>Tina Tsou</td>
<td><a href="mailto:tina.tsou@arm.com">tina.tsou@arm.com</a></td>
<td>x</td>
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<td>5</td>
<td>Intel</td>
<td>Srini Addepalli</td>
<td><a href="mailto:srinivasa.r.addepalli@intel.com">srinivasa.r.addepalli@intel.com</a></td>
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<tr>
<td>6</td>
<td>RedHat</td>
<td>Frank Zdarsky</td>
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<td>7</td>
<td>Juniper Networks</td>
<td>Sukhdev Kapur</td>
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<td>8</td>
<td>Baidu</td>
<td>Hechun Zhang</td>
<td><a href="mailto:zhanghechun@baidu.com">zhanghechun@baidu.com</a></td>
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<td>9</td>
<td>Tencent</td>
<td>Mark Shan</td>
<td><a href="mailto:markshan@tencent.com">markshan@tencent.com</a></td>
<td></td>
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<tr>
<td>10</td>
<td>Wind River</td>
<td>Dariush Eslimi</td>
<td><a href="mailto:dariush.eslimi@windriver.com">dariush.eslimi@windriver.com</a></td>
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<td>11</td>
<td>MobileEdgeX</td>
<td>Vikram Siwach</td>
<td><a href="mailto:vikram.siwach@mobilegedgex.com">vikram.siwach@mobilegedgex.com</a></td>
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<tr>
<td>12</td>
<td>InwinStack</td>
<td>Thor Chin</td>
<td><a href="mailto:thor.c@inwinstack.com">thor.c@inwinstack.com</a></td>
<td></td>
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<td>13</td>
<td>Vmware</td>
<td>Xinhui Li</td>
<td><a href="mailto:lxinhui@vmware.com">lxinhui@vmware.com</a></td>
<td></td>
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<tr>
<td>14</td>
<td>Huawei</td>
<td>Khemendra Kumar</td>
<td><a href="mailto:khemendra.kumar13@gmail.com">khemendra.kumar13@gmail.com</a></td>
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Agenda Items

1. Post Akraino TSC F2F & 2020 Planning 3/2-3/3 meeting follow-up
   - All PTLs of R3 candidate blueprints presented their projects
   - Reviewed 2020 priorities for community
     - Need to follow-up on action items
   - Reviewed R3 Criteria
     - Need to formalize acceptance
   - All sub-committee Chairs presented their updates and plans
   - Reviewed projects that are candidates for archiving
Agenda Items

2. ONES Update

• ONES is moved out of April, please see link: https://events.linuxfoundation.org/open-networking-edge-summit-north-america/attend/novel-coronavirus-update/

• There will be a joint LFN and LFE Unconference at ONES
  • https://wiki.lfnetworking.org/display/LN/2020+ONES%3ANA+Unconfrence+Topic+Proposals
  • Proposal from Akraino has been posted in the link above
    • Akraino community uses multiple projects from LFN and CNCF such as K8, ONAP, etc., A collaborative discussion between Akraino/LF Edge, ONAP/LFN and K8/CNCF would be beneficial to all. Akraino community could share how we are using these projects within Akraino and what additional backlogs are expected in 2020.
    • Akraino being a user of LFN and CNCF is one part, the other part is LFN and CNCF community could make use of the tools and blueprints delivered by the Akraino. An open use case discussion could bring communities together.

• Wiki page has been created to track Akraino related participation
  • https://wiki.akraino.org/pages/viewpage.action?pageId=24084579

3. Upstream Committee Chair, Jim Xu, has requested TSC approval to elect a Co-Chair to help with sub-committee work
Agenda Items

4. IEC Type 5 Blueprint PTL election started 03/09/2020 and will conclude by 03/16/2020
   › https://wiki.akraino.org/display/AK/IEC+Type+5%3A+SmartNIC+for+Integrated+Edge+Cloud+%28IEC%29+Blueprint+Family

5. SEBA Blueprint (Telecom Appliance Family)
   › Julie Lorentzen has stepped down as PTL for the SEBA blueprint, part of Telecom Appliance (TA) Family as of February 03, 2020
   › Self-Nomination is open and can be entered in the link below
     https://wiki.akraino.org/display/AK/SDN+Enabled+Broadband+Access+%28SEBA%29+for+Telco+Appliance+Blueprint+Family

6. Documentation Sub-Committee
   › Sujata Tibrewala stepped down as Documentation Sub-Committee Chair on 01/17/2020
   › Chair self-nomination is open can be entered in the link below
     https://wiki.akraino.org/display/AK/Documentation+Sub-committee
   › Self-nomination will end on March 18, 2020

7. PTL Updates
# PTL Update

PTLs to provide updates on the status of the Blueprints and Feature Projects

<table>
<thead>
<tr>
<th>Blueprint</th>
<th>Winner of PTL Election</th>
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<tbody>
<tr>
<td>SEBA</td>
<td>Julie Lorentzen – AT&amp;T – stepped down 02/03/2020</td>
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<tr>
<td>Serverless</td>
<td>Itamar Eshet- AT&amp;T</td>
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<td>Unicycle SR-IOV</td>
<td>David Plunkett- AT&amp;T</td>
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<tr>
<td>Rover</td>
<td>David Plunkett- AT&amp;T</td>
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<td>Unicycle OVS-DPDK</td>
<td>Jeff Collins - Ericsson</td>
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<td>Tungsten Fabric</td>
<td>Sukdev Kapur - Juniper</td>
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<td>Edge Video Processing</td>
<td>Adnan Saleem- Radisys</td>
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<td>Enterprise Edge Lightweight and IoT</td>
<td>Khemendra Kumar- Huawei</td>
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<td>ELIOT SD-WAN/WAN Edge/uCPE</td>
<td>Khemendra Kumar- Huawei</td>
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<td>ELIOT AIoT in Smart Office</td>
<td>Guoxu (Jeremy) Liu</td>
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<td>IEC Type 1</td>
<td>Trevor Tao (ARM)</td>
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<tr>
<td>IEC Type 2</td>
<td>Xinhuli (VMWare)</td>
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<td>IEC Type 4</td>
<td>Robert Qiu- Tencent</td>
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<td>Industrial Edge</td>
<td>Yolanda Robla – Red Hat</td>
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<td>Provider Access Edge</td>
<td>Yolanda Robla – Red Hat</td>
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<td>Micro MEC</td>
<td>Tapio Tallgren- Nokia</td>
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<td>Radio Edge Cloud</td>
<td>Paul Carver- AT&amp;T</td>
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<td>Starling X Far Edge</td>
<td>Bill Zvonar- Wind River</td>
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<td>Time Critical Edge</td>
<td>Shane Dewing- Intel</td>
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<td>Connected Vehicle</td>
<td>Robert Qiu- Tencent</td>
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<thead>
<tr>
<th>Feature Project</th>
<th>Winner of PTL Elected</th>
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<tbody>
<tr>
<td>AI/ML and AR/VR Apps for Edge</td>
<td>Vikram Siwach - MobiledgeX</td>
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<tr>
<td>Integrated Cloud Native NFV/App Stack</td>
<td>Kuralamudhan Ramakrishnan - Intel</td>
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<tr>
<td>5G MEC/Slice System to Support Cloud Gaming, HD Video and Live Broadcasting</td>
<td>Feng Yang -Tencent</td>
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<tr>
<td>The AI Edge – School/Education Video Security Monitoring</td>
<td>Hechun Zhang - Baidu</td>
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<tr>
<td>Akraino Portal</td>
<td>Mike Hunter – AT&amp;T</td>
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<tr>
<td>Cluster Health &amp; Overload Monitoring Platform (CHOMP)</td>
<td>Mike Hunter – AT&amp;T</td>
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<td>Support of OVS-DPDK in Airship</td>
<td>Georg Kunz – Ericsson</td>
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<td>Blueprint Validation Framework</td>
<td>Tapio Tallgren - Nokia</td>
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<td>Akraino Profiling</td>
<td>Helloway He - Huawei</td>
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<td>Regional Controller</td>
<td>Bob Eby – AT&amp;T</td>
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<td>API Gateway</td>
<td>Thor Chin - Inwinstack</td>
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<td>MEC API Framework</td>
<td>Lokanath Padhu - Nokia</td>
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<tr>
<td>Backup and Restore (Snappy)</td>
<td>Josh Auzins - AT&amp;T</td>
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