2020 ONES:NA Unconference Topic Proposals

ONES has been officially rescheduled for September 28-29! We have re-opened this page to accept Unconference submissions.

Overview

The Open Networking & Edge Summit - NA 2020 event offers an "un-conference" room for topic discussions, small-team breakouts etc. for projects within the LF Networking and LF Edge umbrellas. We call this an "Unconference" because it's less about pre-conceived and pre-arranged formal presentations and instead allows for discussion topics of interest to "spring up" either closer to the event or at the event itself.

The availability of the Unconference sessions will be limited. While some topics may be hand-selected (like a TAC meeting, if proposed for example), most will be scheduled at the event on a first-come, first-serve basis. If you have a topic you'd like to discuss at ONS and don't already see it below, please consider adding it. If you do see a topic below that you would like to participate in, then please add your name to the list of potential attendees. We will use those lists to determine which topics get scheduled prior to the event. We plan to publish the initial schedule on August 31st.

This wiki should be freely available to edit. Please feel free to add your session. However, please do not delete or move someone else's session without their permission.

PLEASE ADD YOUR TOPICS BELOW

Location: Platinum A Meeting Room

This room can hold 64 at 8 rounds of 8.

List of Proposed Topics

<table>
<thead>
<tr>
<th>Sample Topic</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Short Description</strong>: One line description of topic</td>
</tr>
<tr>
<td><strong>Detailed Description</strong>: Detailed description of topic</td>
</tr>
<tr>
<td><strong>Duration</strong>: (30min increments)</td>
</tr>
<tr>
<td><strong>Topic Leader(s)</strong>: name 1, name 2, ...</td>
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<tr>
<td><strong>Room Size</strong> (small, large, plenary):</td>
</tr>
<tr>
<td><strong>Interested In Attending</strong>: If you are interested in this discussion and would like to participate in it, please add your name and email here (one name/email per line please). We'll use this information when building the schedule so that we minimize overbooking people where possible.</td>
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</tbody>
</table>

CNCF TUG and CNTT/OPNFV joint session (TOPIC DELETED: Requested by TUG due to potential conflicts AND strong participation by TUG at technical mtgs w CNTT)

OPNFV Close Loop Automation Working Group/OPNFV Barometer/Collectd & Telegraf Telemetry Joint Session

| **Short Description**: Discuss on close loop use cases, network automation & leverage of relevant telemetry with Collectd/Telegraf |
| **Detailed description**: joint session to look at telemetry uses, closed loop & network automation across NFVI and/or higher layers |
| **Topic Leader(s)**: sunku ranganath/ Tomofumi Hayashi |
| **Room size**: 15-20 people |
| **Interested in Attending**:
  - sunku ranganath |
  - Al Morton |

Smart Network Processing for Cloud Native workloads (Applications and Network functions)

| **Short Description**: Discuss requirements of cloud native networking offloads, Dual-tenancy requirements and Orchestration role |
| **Detailed description**: There are many vendors started to come out with SmartNICs. Smart Networking processing is being classified into many levels, where levels indicating the amount of offloads that the SmartNICs provide. For example, some SmartNICs do the offload of vSwitch. Some SmartNICs only can do tcflow offload. Cloud Native and Edge deployments may need much more higher level offloads. In this session, we will discuss the needs of uCPE, 5G and IOT industries with respect to offloads. We will also discuss new requirements that posed on smartNIC to run the operator workloads leaving the main CPU for customer workloads. In addition to requirements, we will also discuss possible cloud native offload architectures. We will touch upon the APIs requirement to provide multi-vendor interoperability and also orchestration role in enabling SmartNIC based server systems. Background leading to this meeting are given here: https://www.linkedin.com/pulse/cloud-native-networking-offloads-edge-computing-why-addepalli, https://www.linkedin.com/pulse/cloud-native-networking-offloads-edge-computing-why-addepalli-1c |
| **Duration**: 60min |
| **Topic Leader(s)**: Srinivasa Addepalli ramki krishnan @Ravi Chunduru Prem Sankar G |
| **Room size**: 15-20 people |
| **Interested in Attending**: |
OPNFV TSC meeting

- **Short Description:** Weekly OPNFV TSC meeting held in person for ONES participants
- **Detailed Description:**
- **Duration:** 1hr.
- **Topic Leader(s):** Al Morton
- **Interested In Attending:** If you are interested in this discussion and would like to participate in it, please add your name and email here (one name/email per line please). We'll use this information when building the schedule so that we minimize overbooking people where possible.

  - Jim Baker
  - sunku ranganath
  - Lincoln Lavoie (UNH-IOL)

EUAG meeting

- **Short Description:** Bi-weekly EUAG meeting in person at ONES!
- **Detailed Description:** Detailed description of topic
- **Duration:** 60min.
- **Topic Leader(s):** Atul Purohit
- **Room Size (small, large, plenary):** Full 64
- **Interested In Attending:** If you are interested in this discussion and would like to participate in it, please add your name and email here (one name/email per line please). We'll use this information when building the schedule so that we minimize overbooking people where possible.

  - Jim Baker
  - Atul Purohit
  - Ken KANISHIMA (remote attendance via bridge)

Cloud Native Platform for Telco Operators

- **Short Description:** Discuss about cloud native platform for telco operators, which is a common Telco-PaaS for cloud-native 5G network elements.
- **Detailed Description:** Many vendors and telco operators are moving towards cloud native network after the popularization of NFV. However, current situation of cloud native evolution in telecommunication industry is slow and non-standard. In this session, we would discuss about cloud native platform for telco operators, which is a proposal about a common Telco-PaaS for cloud-native 5G network elements. Some thoughts on the structure, basic functions of this platform, and relationship with other community would be discussed. Suggestions and ideas from operators and vendors are appreciated.
- **Duration:** 60min
- **Topic Leader(s):** Qihui Zhao
- **Room Size (small, large, plenary):** 15-20 People
- **Interested In Attending:**

  - Srinivasa Addepalli
  - Jim St. Leger
  - Prabhjot Singh Sethi
  - William Diego
  - Olivier Smith
  - Ranny Haiby
  - ...

LF Edge (LFE) and LF Networking (LFN) Joint Session

- **Short Description:** Bring together the LFE and LFN technical communities.
- **Detailed description:** Joint communities gathering for information sharing, gaps/needs for each project, dependencies on each other, improving collaboration, etc.
- **Agenda Topic Suggestions:**
- **Duration:** 60min
- **Topic Leader(s):** @JimStLeger and Jason Hunt
- **Room size:** 20-45 people
- **Interested in Attending:**

  - Daniel Lázaro Cuadrado
  - Joe Pearson
  - Lincoln Lavoie (UNH-IOL)
  - Prabhjot Singh Sethi
  - William Diego
  - Ranny Haiby

VNF Testing for LFN OVP Badge
• **Description:** The OVP2019.12 release now includes VNF lifecycle testing and on-boarding within ONAP, per the requirements of the El Alto release. Session will serve as a follow up to the work started during the Prague LFN event, where a hacking track saw the first VNF participants complete the testing. We'll be “hands on” for this session, showing how the testing is run in a live environment, and answering questions about the testing and badge process. If participants want to “bring” a VNF to test, please contact Lincoln, as we'll definitely support this activity!

• **Duration:** 60 minutes

• **Topic Leader(s):** Lincoln Lavoie (UNH-IOL)

• **Room size:** 20ish

• **Interest In Attending:**
  * …

**LF Edge (LFE) and OpenStack Foundation Edge Computing Working Group (OSF EC WG) Joint Session**

• **Short Description:** Bring together the LFE and OSF EC WG technical communities.

• **Detailed Description:** Joint communities gathering to discuss, share, and explore collaboration across both edge computing projects. The discussions could also include OSF projects such as Airship, StarlingX, OpenStack, and others in addition to the core OSF Edge Computing WG efforts. In LF Edge most of the current collaboration is happening in Akraino and various blueprints. Other LF Edge projects can also be shared and explored. Please add ideas and suggestions for additional specific topics.

• **Agenda Topic Suggestions:**
  * …

• **Duration:** 60min

• **Topic Leader(s):** @JimStLeger and Ildiko Vancsa

• **Room size:** 15-25 people

• **Interested in Attending:**
  * Daniel Lázaro Cuadrado
  * Glenn Seiler
  * Joe Pearson

**Akraino/LF Edge, ONAP/LFN, SEBA/ONF_CORD, and K8s/CNCF joint session**

• **Short Description:** Bringing together Akraino, ONAP and Kubernetes technical communities

• **Detailed description:** Akraino community uses multiple projects from LFN and CNCF such as ONAP, K8, etc. A collaborative discussion between Akraino/LF Edge, ONAP/LFN, SEBA/ONF_CORD, 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 of the discussion, the other part is how 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.

• **Agenda Topic Suggestions:**
  * Akraino upstream work flow presentation and discussion
    - Jim Xu and khemendra kumar will present and lead the discussion.
  * Akraino upstream work flow presentation and discussion
  * Dependency of Akraino blueprints on other LF Edge projects, ONAP/LFN, SEBA/ONF_CORD, K8s, KubeEdge, CNI, Service Mesh, Istio, Kubervirt, etc./CNCF.
  * Akraino blueprint cross LF Edge project
    - @Bill Hunter may give a presentation.

• **Duration:** 60min

• **Topic Leader(s):** Kandan KATHIRVEL, Tina Tsou

• **Room size:** 20-45 people

• **Interested in Attending:**
  * Jim Xu
  * khemendra kumar
  * William Diego
  * Ranny Haiby

**ETSI ZSM - ONAP architecture collaboration**

• **Short Description:** Bringing together ETSI ZSM and ONAP technical communities

• **Description:** The ETSI ZSM architecture has previously been presented to ONAP and possible collaboration topics were discussed at the 2019 ONAP Joint Subcommittee Meetings Antwerp. ETSI ZSM has identified Network Slicing and Closed-loop automation as potential collaboration topics. Presentations and open discussion.

• **Duration:** 60 minutes

• **Topic Leader(s):** Magnus Buhrgard

• **Room size:** 20

• **Interest In Attending:**
  * …

**Test Automation and Environment Supervizion Automation with CI/CD**

• **Short Description:** Discuss how to integrate with CI/CD to accelerate OVP automated test process, and discuss the best practices for environment supervision
• **Detailed Description**: Open discussion, mainly involves the following two points:
  
  1. How to improve OVP test automation and how to integrate with CI/CD tool chain to improve test iteration efficiency and automation.
  
  2. Discussion of tooling & best practices dealing with ONAP supervision, Infra supervision, VNF supervision

• **Topic Leader(s)**: Yan Yang

• **Room Size (small, large, plenary)**: 20

• **Interested In Attending**: 