

# 2022 LFN Developer Event Topics November

Dates Nov. 17-18, 2022

Session Info

- [Plenary Topics](#)
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## D&TF F2F Registration

## D&TF Virtual Registration

- **D&TF Event  
Schedule**

- **ONE Summit Technical  
Project "Office Hours"**

- **November D&TF  
Topics**

- [2022 Nov. D&TF Pics](#)
- **Convince Your Boss to  
attend! << LOOK!**
- [D&TF Slack Instance](#)
- [Daily Summaries](#)
- [Event Survey](#)
- Feedback [events@lfnetworking.org](mailto:events@lfnetworking.org)

## Plenary Topics

- [2022-11 - Plenary: 5G-SBP Day 1 Problem Statement - How to have more open source in the SBP?](#) — 60m, [LJ Illuzzi](#)

Brainstorming on how to include more open source components (LFN and at-large) in the next phases of the 5G-SBP

- [2022-11 - Plenary: Anuket Day 1 Problem Statement — Bazaar vs. Cathedral](#)

Should LFN communities be building functioning platforms or build components that work in multiple environments?

**How can we build the RI2 Lab for community adoptability?**

An RI2 implementation id being constructed in UNH. How can the Community take advantage of it?

**Ensuring Stronger Collaborative efforts:**

- New TSC criteria?
- New task/topic leader criteria?
- New balances between TSC and Project decisions?
- New commitments?

**How do we validate the value created by our projects and how do we get more adoption and contributors?**

**LFN documentation self help group/ Cross Community Documentation best practices**

**Community release management. How to learn it from projects already doing it?**

- [2022-11 - Plenary: LFN CTO Vision - The Metaverse and beyond](#) — 60m, [Ranny Haiby](#)

Revisiting the vision from the Porto D&TF and looking forward to what the Metaverse and other trends will mean for our communities

- [2022-11 - Plenary: ONAP Day 1 Problem Statement — Software Bill Of Material \(SBOM\)](#) — 30 minutes. [Muddasar Ahmed](#), [Anil Belur](#)

We will review real ONAP SBOM, discuss SBOM generation in LFN CI pipeline, progress on onboarding projects as well as lesson learnt.

- [2022-11 - Plenary: Welcome & Event Logistics](#) — 15 m, [Heather Kirksey](#), [Kenny Paul](#)

What attendees and presenters all need to know for this event

## General Interest Topics

- [2022-11 - General: Development Best Practices](#) — 45 - 60 minutes

- Development best practices from a Release Engineering perspective.
- 2022-11 - General: [Experience With LF Mentorship Program](#) — Nicholas Karimi 30 minutes
- Review of experience from the summer mentorship program.
- 2022-11 - General: [Hands-On Tutorial- How Cloud Native is Your CNF? Let's Check!](#) —
  - W. Watson & Denver Williams, Vulk Coop
  - This hands-on tutorial will help CNF Vendors (aka Network Equipment Providers) to go through the CNF Certification process with their own cloud native product using their own Kubernetes cluster.
- 2022-11 - General: [Introducing LFN Release Management Support Service \(RMSS\)](#) — 30m, David McBride
- LFN is introducing a new service called, Release Management Support Service (RMSS), for projects that replaces dedicated release management support for a few projects with an advisory support service for ALL projects.
- 2022-11 - General: [Operational Security Assurance for Open Source 5G Mobile Networks](#) — 30m, Margaret Cogdell(Maggie)
- Operational Security Assurance for Open Source 5G Mobile Networks
- 2022-11 General: [Security Call Data Records \(SCDRs\)](#) — 30m, David Armbrust
- SCDRs for enhanced security visibility and operational transparency in the enterprise network slice

## OpenDaylight Topics

- 2022-11 - ODL: [gNMI southbound plugin for ODL](#) — 30m, Peter Suna
- 2022-11 - ODL: [Packaging, Messaging, Deployment](#) — 60m, Robert Varga
- Application landscape has evolved in the 10 years since OpenDaylight has started. We will discuss feedback received from our recent survey and how to adapt to this changed landscape.
- 2022-11 - ODL: [Release automation](#) — 60m, Robert Varga
- Most of OpenDaylight projects are now release-integrated. We will explore how we can get closer to CI and having much faster release process.
- 2022-11 - ODL: [Release overview and planning](#) — 60m, Robert Varga
- We have shipped 2022.09 Chlorine and are executing on 2023.03 Argon. This will provide a brief overview of deliveries and a place for discussing next steps.

## ONAP Topics

- 2022-11 - ONAP: [5G SON Use Case enhancements for Kohn Release](#) — 30m, N.K. Shankaranarayanan
- We will present some important progress made in the ONAP 5G SON Use Case for the Kohn release. The implementation has been updated to provide specific control loop flows for O1-based and A1-based RAN actions. There are enhancements in RAN-Sim controller and SDN-R for A1-support, and modified control message formats and policies to support the new control loop design.
- 2022-11 - ONAP: [Architecture Update - Security, Logging and others](#) — 30m, Byung-Woo Jun
- We will provide ONAP architecture update on Security, Logging and other enhancements.
- 2022-11 - ONAP: [Cloud-Native Orchestration by Using Application Service Descriptor \(ASD\)](#) — 30m, Byung-Woo Jun
- This session will provide ONAP ASD packaging onboarding and AS orchestration architecture, implementation and roadmap for Cloud-Native NF/App. The audience will gain knowledge on new CNF descriptor and package specification, and see how the new specification-based orchestration simplifies the CNF modeling and orchestration.
- 2022-11 - ONAP: [Complete Life-Cycle of CNF Orchestration](#) — 45 min + questions, Lukasz Rajewski
- The presentation will cover the demonstration of the existing CNF Orchestration capabilities that were being developed since Guilin release and have mature & verified status. The main focus is the last missing part of the CNF lifecycle that is now fully supported in the Kohn release - E2E CNF Upgrade with model change in the SDC.
- 2022-11 - ONAP: [ONAP in Production: Observability using EFK & Prometheus](#)
- 2022-11 - ONAP: [ONAP In Production: Performance and HA considerations](#)
- 2022-11 - ONAP: [ONAP Practice in China Mobile](#) — ZHUANGYANG CHEN, 30m
- Introduce ONAP Practice in CMRI.*
- 2022-11 - ONAP: [ONAP Transformation](#) — ONAP Transformation - 45 min including discussion, Magnus Buhrgard
- Continuation of the "ONAP - Next 5 Years" session in Porto and the [ONAP Mainstream mail group](#) exchange. The target is to identify actionable tasks that will strengthen the ONAP open-source project.
- 2022-11 - ONAP: [RAN DO - Slicing use case](#) — 30 min, Sanchita Pathak
- Our proposal is to build an O-RAN specific Macro flow-based NSSMF, which offers and implements 3GPP Slicing APIs of TS 28.532 as northbound APIs which can integrate with an external NSMF
- 2022-11 - ONAP: [RAN Service Modeling and Deployment](#) — 45 min, Sangeeta Bellara
- We will present service modelling and deployment of a 5G RAN gNB consisting of CNFs (i.e. CUCP, CUUP and DU) and PNFs (i.e. RU). The planning data for the gNB, such as planned nodes, sites and cells, is stored in AAI at design-time, and during operations, the relations to these objects are created when the gNB is deployed.
- 2022-11 - ONAP: [Retrospective on Jakarta and Kohn releases](#) — 30m, David McBride

- Retrospective on the Jakarta and Kohn releases
  - [2022-11 - ONAP: SBOM Implementation in ONAP](#) — 30m, [Muddasar Ahmed](#)
- We will review real ONAP SBOM, discuss SBOM generation in LFN CI pipeline, progress on onboarding projects as well as lesson learnt. Note: This topic is also proposed for Plenary day, it not selected, it will be presented under ONAP project topics.
- [2022-11 - ONAP: Service Mesh Status, Requirements and Implementation Plans for London](#) — 30m, [Andreas Geissler](#)
- This session will provide ONAP Service Mesh Status, Requirements, implementation plans for London, plus roadmaps.
- [2022-11 - Plenary: ONAP Day 1 Problem Statement — Software Bill Of Material \(SBOM\)](#) — 30 minutes. [Muddasar Ahmed](#), [Anil Belur](#)
- We will review real ONAP SBOM, discuss SBOM generation in LFN CI pipeline, progress on onboarding projects as well as lesson learnt.
- [2022-11-18 - ONAP: London SECCOM Requirements](#) — [Pawel Pawlak](#) , 30min
- Security Requirements for the London Release

## Anuket Topics

- [2022-11 - Anuket: Practice and Plan of Network Intelligent Collaborative Innovation in LFN Thoth](#) — Introduce the practical experience and follow-up plan of Anuket Thoth project in the network intelligent ecological construction.
- [2022-11 - Anuket: Remote Work Session](#) — Review of Anuket Work and Work Streams
- [2022-11 - Plenary: Anuket Day 1 Problem Statement — Bazaar vs. Cathedral](#)

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## Tungsten Fabric Topics

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## XGVela Topics

- [2022-11 - XGVela: Introduction about XGVela Release 11.2022](#) — 45min
- We'll present some important progress XGVela team has made in Release 11.2022. This year, we have complete the development and documentation of cloud native OAM, which is a group of operation and management functions for upper layer management systems to manage NFs. Key functions of cloud native OAM include NF register, NF management, NF business topology management, NF configuration management, NF performance management, NF alaarm management, and NF log management.

## ODIM Topics

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## EMCO Topics

**Content by label**

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# 5G Super Blueprint Topics

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# FD.io Topics

- [2022-11 - FD.io: A native unit testing framework for VPP](#); — 15m, [Mauro Sardara](#)
- [2022-11 - FD.io: Control and management of media-bridging for Online Meetings applications using FDio/HICN VNF](#) — [Luca Muscariello](#)
- [2022-11 - FD.io: How to develop and maintain an out-of-tree VPP plugin](#) — 15m, [Mauro Sardara](#)