2021 February Developer & Testing Forum Minutes

Session Information

- Plenary Topics
- OpenDaylight Topics
- Tungsten Fabric Topics
- ODIM Topics
- XGVela Topics
- Anuket Topics
- ONAP Topics
- Action Items:

General Event Info

- **Registration**
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Please use one of these buttons to create a dedicated session page for your topic.

You will upload all of your recordings and presentation materials to the page(s) you create.

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2021 February Daily Summaries Page

Plenary Topics

- 2021-02-01 - Creating Trust with Operating Communities —

  This session will discuss how to create and maintain trusting relationships in LFN communities. Topics will include the importance of trust, and techniques to improve communications in support of trusting relationships.
- 2021-02-01 - Plenary: Documentation unconference/open discussion —

  Documentation is a key topic in the various LFN projects.

  We propose this unconference to discuss what are possible synergy among LFN projects to share best practices and painpoints, ease documentation maintenance and migrations from wiki.

  Introduction to other sessions: ONAP documentation starter kit and ODL Opendaylight documentation talk
- 2021-02-01 - Plenary: Dynamic License Scanning —

  Static scanning is regularly performed on LFN repositories. Unfortunately they only detect potential explicit issues. Most of the projects include their code within a broader context which includes lots of possible dependencies. Hosting and redistributing docker containers have consequences in legal issues. We must have a better control of what we are distributing. Dynamic scanning is then needed. Some tools are available and a feedback shall be given as soon as possible as close as possible in the build chain. Alexander Mazuruk worked on a PoC in ONAP invoving tern+dockviz, the goal would be to include such verification on any docker build jobs
- 2021-02-01 - Plenary: Welcome & Opening Comments
- 2021-02-01 - Plenary: XGVela Answers to Frequently Asked Questions —

  As a new open source project which implements telco cloud native PaaS, XGVela has collected a lot of valuable questions asked by the community. In this session, the XGVela team will give answers to those questions to provide a clear view of this project. Questions will cover: will the project scope cover CNCF on General PaaS? Is there any overlap with ONAP? What PaaS functionalities do you have? What is the status of the seed code? How to join this community? What is the governance structure of this community?
- 2021-02-01- EUAG newly updates- Voices from the cross-community end users —

  EUAG working updates, what CSPs concerns this year and what we've achieved, including AI/ML, CSPs requirements priorities, automated testing white paper, etc. We will have three sub-topics in this session. This session will be a review of Operators' concerns this year and what we've achieved, including AI/ML, CSPs requirements priorities, automated testing white paper, etc. We will have three sub-topics in this session: EUAG Networking AI/ML Survey and Next Steps, EUAG Input from LFN Projects to set Priorities, EUAG Networking AI/ML Testing Requirements, NFV testing white paper, Anuket verification program vs. LFN level branding (nee: OVP)
- 2021-02-02 - ONAP: AAI Core mS Overview — In this presentation we will provide an overview of the core microservices in A&AI including their purpose and functionality

OpenDaylight Topics

- 2021-02-02 - ODL Silicon Release Overview —

  Our current development branch is projected to freeze just about now, this session will summarize how Silicon is different from Aluminium.Our current development branch is projected to freeze just about now, this session will summarize how Silicon is different from Aluminium.
- 2021-02-02 - OpenDaylight and YANG —

  OpenDaylight platform uses and leverages Yang models in different ways. In this session, we will review all the Yang related features and tooling available in ODL. This could be a good reference for users and developers looking at using Yang models in their applications.

- 2021-02-04 - ODL: A Bag of New Platform Tricks —

  We have grown a few improvements since our last meeting, we will get into those and show them off.
- 2021-02-04 - ODL: OpenDaylight and ONAP commonalities —
  Discuss commonalities between ODL and ONAP projects (Protocol adapters, Service&BPM modeling, data transformation, ...).
- 2021-02-04 - ODL: Phosphorus Platform Lookahead —
  As is already usual, our development starts with platform projects integrating their major. While this list is not complete yet, there are already a number of interesting items. We will take some time to go over those and discuss what else may happen.
- 2021-02-04 - OpenDaylight Documentation Talk —

  Migration of best practices and new contributors guide from the old wiki. New spell checkers. Thoughts on what are the next steps. Open discussion on the best strategy to migrate the rest of the the old material and to update it. Call for contributions.
- 2021-02-04 - OpenDaylight new TSC expectations talk —

  Open Discussion on how new TSC members expect to make evolve on the current TSC way of functioning. Former TSC members and other contributors are welcome to participate.

Tungsten Fabric Topics

- 2021-02-02 - TF Architecture Overview —

  TF architecture is spread across multiple components that make TF as a whole solution customizable for multiple use cases. This presentation will give a wide perspective on high-level TF architecture and what are responsibilities of individual components in a complex TF system.
- 2021-02-02 - TF deployers and CI —

  TF has a significant variety of methods to deploy it. Developing and maintaining all of them with a small team is a task which requires a great deal of automation. This presentation will give an overview for the existing TF deployers and describe the TF CI and set of devtools created to handle them.
- 2021-02-02 - TF Release Process - an invitation to the Community —

  2020, though quite a tough year, was a good year for the TF Community. We managed to achieve big progress. To keep this momentum we would like to engage more and more our members and also be more and more transparent for new potential participants. During the presentation we present the Release process milestones and steps discussed and agreed upon in the Tungsten Fabric community to achieve proper cooperation and transparency for all existing and potential developers and committers.
- 2021-02-03 - TF - K8s CNI support for DPDK —

  Tungsten fabric supports Kubernetes orchestrator, but only where the dataplane is kernel vRouter. With the advent of high performance 5G CNFs, there is a need to support high throughputs. So we will be enhancing TF CNI to support DPDK vRouter. In this talk, we will be going into the details of how this works.
- 2021-02-03 - TF Dataplane DPDK - Use of upstream vhost-user —

  The vhost-user used in TF so far was homegrown. It was more than 8 years old and outdated. We now have deprecated it and will be using the vhost-user library from upstream DPDK 19.11 LTS version
- 2021-02-03 - TF Dataplane performance enhancements - Latency improvements —

  For 5G deployments, it is important to have very low latency. Earlier, TF dataplane had a large latency which was unsuitable for 5G applications. This talk focuses on the improvements that we have made in DPDK vRouter to reduce the latency to suit 5G applications.

ODIM Topics

- 2021-02-02 - ODIM: Introduction —
  This session will provide an introduction to the Open Distributed Infrastructure Management (ODIM) LF project, probelms ODIM is solving, and potential collaboration with other projects
- 2021-02-03 - ODIM: Build & Run —

  Demo on cloning, building and running ODIM. In this presentation we will demo how to clone and build ODIM. We will also show some use cases on how to use ODIM with different northbound clients, including a commercial one from AMI.
- 2021-02-03 - ODIM: Release 1 —
  Features and functions of the first ODIM Release. We will walk through all the feature in detail.

  This session will be followed by "ODIM Build & Run" (after the break)- Demo on cloning, building, and running ODIM.
- 2021-02-04 - ODIM: Use Cases for ONAP —
  Introduction of the project and a dive into how the ONAP and ODIM project could benefit from collaboration.

XGVela Topics

- 2021-02-01 - Plenary: XGVela Answers to Frequently Asked Questions —

  As a new open source project which implements telco cloud native PaaS, XGVela has collected a lot of valuable questions asked by the community. In this session, the XGVela team will give answers to those questions to provide a clear view of this project. Questions will cover: will the project scope cover CNCF on General PaaS? Is there any overlap with ONAP? What PaaS functionalities do you have? What is the status of the seed code? How to join this community? What is the governance structure of this community?
- 2021-02-02 - XGVela: Infrastructure Tooling and Plans —
  In this session information about XGVela infrastructure tooling and plans will be covered, especially the CI/CD progress and plan.

- 2021-02-02 - XGVela: Operator Requirements —
  Requirements on cloud native PaaS and XGVela would be introduced from the Operators' perspective. In this session, operator representative from Saudi Telecom Company will share ideas and requirements about PaaS and XGVela.
- 2021-02-03 - XGVela: Seed Code Design Walk Through —
  XGVela has received seed code about Telco management PaaS functions donated by Mavenir recently. The functions are TMaaS (Topology management as a service), CMaaS (configuration management as a service), FMaaS (Fault management as a service), VESGW, and other 3 functions. In this session, Mavenir, the contributor of seed code, will show the code and introduce the seed code design though to the community.
- 2021-02-04 - XGVela: Open House —
  Free discussion and thoughts exchange session. In this session, XGVela TSC team will be there for open discussions about XGVela. The Team wants to collect and exchange thoughts with the community about XGVela, PaaS, requirements, architecture, collaboration plan, and etc. Also the team will answer any questions you want to know about XGVela.

Anuket Topics

- 2021-02-02 - Anuket - RM: Memory Optimisation
- 2021-02-02 - Anuket/ONAP: XtestingCI on steroids
- 2021-02-02 - Anuket: Maintaining Trust
- 2021-02-02 - Anuket: Updates from ETSI NFV and ONAP container work
- 2021-02-03 - Anuket - Beyond IaaS/CaaS for Cloud Infrastructure in RM
- 2021-02-03 - Anuket - Kubernetes Container-Networking Benchmarking for Telco Use cases —
  VSPerf project has performed some data plane benchmarking tests on various Container Networking options. Here are some real results with various traffic generators.
- 2021-02-03 - Anuket - RC2 Test Cases - What and Where?
- 2021-02-03 - Anuket - RM: Telemetry, monitoring, observability
- 2021-02-03 - Anuket: CI/CD practice in large scale de-coupled NFV resource deployment
- 2021-02-03 - Anuket: Hardware Delivery Validation Tool Implementation
- 2021-02-03 - Anuket: The Journey to Anuket and Beyond... – Ask Me Anything!
- 2021-02-04 - Anuket - Gitlab Pilots and LF IT roadmap
- 2021-02-04 - Anuket - RA2 what's after Elbrus?
- 2021-02-04 - Anuket - Reference Implementation and conformance update with SDN
- 2021-02-04 - Anuket - RM: Load Balancing in the Infrastructure
- 2021-02-04 - Anuket: Acceleration of NFV resource deployment - network configuration automation
- 2021-02-04 - Anuket: Defining Storage Requirements in RM
- 2021-02-04 - Anuket: PDF 2.0 Definition
- 2021-02-04 - Anuket: Release Process Goals and Objectives

ONAP Topics

- 2021-02-02 - ONAP VID Demos
- 2021-02-02 - ONAP: DOC - Achievements 2020 & Outlook 2021
- 2021-02-02 - ONAP: TSC 2.0 Evolution
- 2021-02-02 - ONAP: E2E Network Slicing Use Case - Recap and Future Plans
- 2021-02-02 - ONAP: Integration lessons learned from Guilin & priorities for Honolulu
- 2021-02-02 - ONAP: ONAP And DevOps - abstraction of dynamically-evolving microservice-based networks
- 2021-02-02 - ONAP: ONAP ETSI-Alignment Architecture & Features for Honolulu +
- 2021-02-02 - ONAP: OOM and Gating what's have been done in Guilin & priorities for Honolulu
- 2021-02-02 - ONAP: stability/resiliency/stress tests: what are we talking about?
- 2021-02-02 - ONAP: TCC Generic Network Management Update
- 2021-02-02 - ONAP: TSC Task Force- ONAP For Enterprise Business
- 2021-02-02 - ONAP: xNF software upgrade status of art and extendibility point
- 2021-02-03 - ONAP: Enrolling X.509 certificates from CMPv2 server using K8s Cert-Manager
- 2021-02-03 - ONAP: ONAP / 3GPP Harmonization ves-openapi-manager & SDC distribution monitoring enhancements
- 2021-02-03 - ONAP: 2021 TSC Priorities
- 2021-02-03 - ONAP: 5G Slicing using ONAP Service(s) and ETSI Network Service(s)
- 2021-02-03 - ONAP: Architecture Subcommittee Update for Honolulu-R8 and beyond
- 2021-02-03 - ONAP: Cloud-Native (CNF) Taskforce - open discussion on current state and future plans
- 2021-02-03 - ONAP: Control Loop in TOSCA
- 2021-02-03 - ONAP: Demo: O-RAN A1 Policy & Non-RealTime-RIC automated test/demo environment
- 2021-02-03 - ONAP: Documentation starter kit
- 2021-02-03 - ONAP: Honolulu CII Badging
- 2021-02-03 - ONAP: Honolulu Security Updates
- 2021-02-03 - ONAP: Intent Framework and Intent Modeling
- 2021-02-03 - ONAP: Multicloud-k8s plugin enhancement for CNF deployment
- 2021-02-03 - ONAP: ONAP And DevOps - integration with CI/CD pipelines
- 2021-02-03 - ONAP: ONAP Upgrade using OOM framework
- 2021-02-03 - ONAP: PNF Management
- 2021-02-03 - ONAP: Special Session - Development and Evolution of Intent-based Network in ONAP
- 2021-02-03 - ONAP: Spock/Groovy Testing Framework
- 2021-02-04 - ODIM: Use Cases for ONAP
- 2021-02-04 - ONAP Portal Demos of Guilin
- 2021-02-04 - ONAP usage: Microwave Operations Automation using ONAP/CDS
- 2021-02-04 - ONAP: 5G OOF SON use case - Guilin Demo and Roadmap
- 2021-02-04 - ONAP: CCVPN - Transport Slicing Demo of Guilin
- 2021-02-04 - ONAP: ONAP CPS MVP for Honolulu
- 2021-02-04 - ONAP: ONAP Support for Vertical Industry - 2021 Planning

- 2021-02-04 - ONAP: ONAP/O-RAN/OSC Alignment - Updates and Roadmap
- 2021-02-04 - ONAP: Orchestrating a cloud native 5GC across multiple K8s clusters using ONAP components
- 2021-02-04 - ONAP: Policy Framework
- 2021-02-04 - ONAP: Standalone GUI for EMCO
- 2021-02-04 - ONAP: Using ONAP components to orchestrate on Azure Kubernetes Service
- 2021-MM-DD - ONAP: Integration lessons learned from Guilin & priorities for Honolulu

Action Items:

Description	Due date	Assignee	Task appears on
☐ Guillaume Lambert**09 Feb 2021** to send an email about the release new naming convention and create a vote poll on the the wiki.	09 Feb 2021	Guillaume Lambert	2021-02-04 - OpenDaylight new TSC expectations talk
☐ David McBride to provide a list of pages what we should keep from the former OPNFV documentation		David McBride	2021-06-10 - Anuket: Working towards a consolidated documentation
☐ Gergely Csatari to apply the Anuket theme to the OPNFV docs project		Gergely Csatari	2021-06-10 - Anuket: Working towards a consolidated documentation
☐ Gergely Csatari disable the GitHub pages		Gergely Csatari	2021-06-10 - Anuket: Working towards a consolidated documentation
☐ Gergely Csatari update the CNTT README.md and remove the reference to the GitHub pages		Gergely Csatari	2021-06-10 - Anuket: Working towards a consolidated documentation
☐ Where did the CNTT Governance Docs go, and how do we merge into Anuket? Gergely Csatari Scot Steele-		Gergely Csatari	2021-06-08 - Anuket: Leftovers of the merger
☐ Change Pointers for OPNFV.ORG to point to Anuket.io Jim Baker 2weeks		Jim Baker	2021-06-08 - Anuket: Leftovers of the merger
☐ Create an docs.anuket.io page, - Thursday Discussion.			2021-06-08 - Anuket: Leftovers of the merger
☐ Move the 4 Repos to Gitlab for Anuket - LF IT to work on.			2021-06-08 - Anuket: Leftovers of the merger
☐ Redirect research, Trevor Bramwell By 6/10 Meeting.		Trevor Bramwell	2021-06-08 - Anuket: Leftovers of the merger
☐ Create Anuket Style OPNFV documentation, Gergely Csatari		Gergely Csatari	2021-06-08 - Anuket: Leftovers of the merger
☐ Stop generating CNTT Github pages (https://cntt-n.github.io/CNTT/), Reduce the Number of Pages from 3 to 2. Gergely Csatari		Gergely Csatari	2021-06-08 - Anuket: Leftovers of the merger

☐	Update BluVal blueprints with RC2 requirements, and ensure alignment with the LF Edge and Anuket communities.		2021-06-08 - Anuket: Cloud-Native Full Stack Conformance Validation Framework
☐	Partner with Anuket Members, and respective TSC(s), to integrate RC2 into BluVal.		2021-06-08 - Anuket: Cloud-Native Full Stack Conformance Validation Framework
☐	Review RC2 BluVal results, observations, and key takeaways with Anuket RI2/RC2 community.		2021-06-08 - Anuket: Cloud-Native Full Stack Conformance Validation Framework
☐	Verify results align with CNCF requirements and compare with existing benchmark results, if available.		2021-06-08 - Anuket: Cloud-Native Full Stack Conformance Validation Framework
☐	Work on an Action plan regarding Gitlab/Gerrit Transition with Georg Kunz Scot Steele Jim Baker Six weeks from June 14th.	Georg Kunz	2021-06-08 - Anuket: Leftovers of the merger
☐	See Next Steps above		2021-06-08 - Anuket: Cloud-Native Full Stack Conformance Validation Framework
☐	TBA		2021-06-09 - ONAP: DCAE Transformation
☐	Lakelse RA1 scope: upgrade specifications to OpenStack Wallaby release		2021-06-09 - Anuket: OpenStack Release Selection