2021 February Daily Summaries

Daily summaries should be no more than a bullet or two per session. Any details and presentation materials should be attached to your Session pages

Please add a new table row under each track for your session.

- 01 Feb 2021
- 02 Feb 2021
- 03 Feb 2021
- 04 Feb 2021

01 Feb 2021

Track Name /Link	1-2 Key Points	Challenges	Action Items
Cross- Community			
2021-02-01 - Plenary: Welcome & Opening Comments	 Thanks for attending Be kind to one another Learn a lot 		
2021-02-01 - Plenary: Dynamic License Scanning	 Presentation of Tern& ScanCode (Dynamic scanning open source toolkit) integrated to ONAP CI POC The tools and methodology may be used by other projects under the LFN - Detecting the license inside Docker images is something any open source project needs to deal with in order to avoid licensing legal issues. This is not an ONAP specific issues. 	Review and fix "true" security/license issues - Call to developers	Provide additional knowledge session(s) to other LF projects that might be interested to integrate them to their CI. Integrate these toolkits to CI, share weekly results to the projects and create automatically JIRA Security tasks
2021-02-01- EUAG newly updates- Voices from the cross-community end users	Presentation of "EUAG Intelligent Network and Al Survey" (65 participants, 40 complete responses) Top Business Drivers: Simplified Operations, Improved Infrastructure and lower TCC Most of Operators, vendors, integrators, IT companies, open communities, universities have some Al today We are still in the emerging technology phase, so good opportunity for EUAG to take a lead. Collaborative suggestions with Network Intelligent SDOs (TM Forum, ETSI, OpenAirInterface, O-RAN Alliance) + Anuket/Onap	Need to think about how to test the ML components so that we can have confidence that they will work in a production /interconnected network - OVP could contribute to E2E testing.	Define concrete use cases levering ONAP Control Loop mechanisms adding ML /AI logic; ONAP DCAE /Acumos integration Investigate if any network automation/autonomy use case specific model that could be enabled by Acumos Market?
2021-02-01 - Plenary: Documentation unconference /open discussion	Problem Statement: How to attract new contributors to enhance/improve/consolidate community documentation	Too many sources, documenting great accomplishments but not necessary up-to-date; few users contributing to doc.	Need for a straight- forward guide on how to contribute to each project
Anuket			
ONAP			
ONAP Honolulu R elease requiremen ts	 Deep Dive some ONAP Honolulu Requirements (CNF Orchestator (CNFO) - K8s Adapter(Helm), ETSI SOL004 /SOL007, CCVPN) Open discussion about Istanbul requirements (5G use cases, ETSI alignment, CNFO, Initial Enterprise Business /Vertical Industry reqs based on Network Slicing) 		
XGVela			

02 Feb 2021

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Cross- Communit y Discussion of laisons	Difficult for any one person to attend all of the meetings that they need to to communicate what is going on across the SDOs		Need to look at this at then LFN level Time for a new whitepaper.
Anuket			
2021-02-02 - Anuket - RM: Memory Optimisation	 Current flavor approach defined in the Reference Model (RM) does not allow dynamic flavors Current flavors are not optimized for applications with high memory demand, like big data and ML applications A proposal was discussed to include a memory intensive profile to the RM 	Reach a consensus in RM about the need of the new flavor We should consider a fixed relation between memory and storage also and not only a fixed ration between memory and CPU	Walter Kozlowski to add the idea of adding a memory intensive flavor to agenda the RM to the next RM meeting. Joao Rodrigues and Gergely Csatari to participate next Wednesday Walter Kozlowski discuss the need for a 16xlarge flavor in one of the RM meetings Walter Kozlowski discuss the removal of tiny configuration in one of the RM notes
2021-02-02 - Anuket: Updates from ETSI NFV and ONAP container work	Description of progress on container work from these two related activities. This was a good chance to understand the roles and scope of some of the NFV architecture components as the implementation below evolves.		
2021-02-02 - Anuket /ONAP: XtestingCl on steroids	X-testing & X-testing CI is a framework is a simple way for developers to manage their test cases, without being a CI/CD expert. There is a new release this year, and Cedric Ollivier has developed a Katacoda tutorial. This work helps Anuket to leverage the tests from many independent projects and make an integrated test suite for Reference Conformance testing.		
2021-02-02 - Anuket: Maintaining Trust	A good follow-up to the previous training sessions: maintaining trust is equally important and potentially fragile as we proceed in a combined organization. Our attention to our reactions and our behaviors when we work together will go a long way to helping the combined community be a success.		
ANUKET Technical Steering Committee	Met as always during the technical event, to give others a chance to join us. The Anuket Launch was officially Jan 27th, with the last independent CNTT (Elbrus) release last week. The well-attended launch will be the first step in recruiting and a new series of releases this year, while maintaining interactions with key orgs. and solving our project-wide technical issues in the best way possible.		
ODL			
2021-02-02 - ODL Silicon Release Overview			
2021-02-02 - OpenDaylight and YANG			
ONAP			

2021-02-02 - ONAP: ONAP ETSI- Alignment Architecture & Features for Honolulu +	 Presentation of SDC (Onboarding/Design) ETSI Alignment Enhancements (SOL004/SOL007), package distribution for CNF, Alignment with CNF/O-RAN O2,, SO NFVO (SOL003)- Adapter refactoring Future roadmap: Alignment for CNF and O-RAN O2 	 validation of ETSI package? VNFSDK but maybe not in H release Role of VNFM 	Promote Istanbul SDC ETSI Alignment with the Requirement/Architecture Subcommittees
2021-02-02 - ONAP: DOC - Achievements 2020 & Outlook 2021	 Explanation of Jenkins verify job (integration-master-rst-lint) - Job intended for running linters with Tox and Coala 	Handle false positive	
2021-02-02 - ONAP: ONAP And DevOps - abstraction of dynamically- evolving microservice-based networks	 Introduction of TM Forum Autonomous Network Framework (ANF) - Operation through "intent handling" function + example (Functional Intent CNF) Introduction of "Cloud Native" Pipeline for ONAP and Functional Intent Handler in SO 		POC - SO Functional Intent Handler
ONAP AAI Core mS Overview	Deep Dive of AAI (Active & Available Inventory) - From Architecture to Development		
2021-02-02 - ONAP: xNF software upgrade status of art and extendibility point	 status of XNF Software upgrade present various use cases around SW upgrade (In place and model update) Demo with live ONAP 		
2021-02-02 - ONAP: TSC Task Force- ONAP For Enterprise Business	 What does ONAP offer to an enterprise customer (IoT, Financial, Gaming, Healthcare, etc.) that we can't get from existing cloud offers or outside the Cloud? ONAP Foundation: 5G Network Slicing, Intent for Vertical Market 		Rework our ONAP Added Values Message Follow-up with Google /Walmart and other LFN Members Collect any EUAG Use Cases Contact Enterprise Business Units within our own company Kick Off a Survey
2021-MM-DD - ONAP: Integration lessons learned from Guilin & priorities for Honolulu	Review of progress and outlook from integration team : Integration missions Lab updates Python-SDK & PythonTests CSIT updates		a dedicated session on how to run tests for beginners is planned on the 10th by Integration team (see ONAP discuss or Slack integration channel)
2021-02-04 - ONAP VID Demos of Guilin	Deep Dive of VID (Virtual Infrastructure & Deployment) - From Architecture to Development		
2021-02-02 - ONAP: OOM and Gating what's have been done in Guilin & priorities for Honolulu	High Level vision for OOM Guilin achievements Honolulu intents	A lot of work for not that many developers	
2021-MM-DD - ONAP: stability /resiliency/stress tests: what are we talking about?	 Review of what has been accomplished by the Integration Team since ONAP inception focusing on Stability/Resiliency/Stress Tests 		
TF			
2021-02-02 - TF Architecture Overview	Overview of the TF Architecture		

2021-02-02 - TF deployers and CI	Current CI deployment	Migrating to a more transparent community CI process	
2021-02-02 - TF Release Process - an invitation to the Community	TF Release process & community overview		
XGVela			
ODIM			

03 Feb 2021

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Track Name/Link	1-2 Key Points	Challenges	Action Items
Cross- Community			
Anuket			
Anuket: CI/CD practice in large scale de- coupled NFV resource deployment	 Following China Mobile's deep dive trial in large cluster hardware in 2 provinces in China, they share needs about automatic network configuration validation, need to standardize integration between Openstack and distributed storage, and how Anuket can help. Jenkins was enough for the LS pipline, and ceph upgrade will not impact the VNF/App usage. 		
Anuket - Kubernetes Container-Networking Benchmarking for Telco Use cases	VSPerf project has performed some data plane benchmarking tests on various Container Networking options. Using MULTUS. • OVS-DPDK, VPP, and SR-IOV: How do they compare with various options: • VPP with memif outperforms vhost user • Need Binary Search WITH Loss-verification (ETSI NFV TST009) • Also run RFC 2544 Back 2 Back Frame Benchmark for buffer size measurement	Work in progress 8 months+, thanks to many people outside the project who helped with details of setup.	OVS -DPDK with memif HW Traffic Generator is most reliable. Other CNIs? requests (and help appreciated). need separate session on deploying the tests in other labs
Anuket - Beyond IaaS /CaaS for Cloud Infrastructure in RM	 Explore whether the RM, and subsequently the RAs, should specify a set of commonly used software services and steps for reducing the onboarding, certification and operational costs. Consult prior surveys, and create Survey of related services and products. 		Anuket and XGVELA to align on General PaaS (survey) RM to create sub-team and hold meetings with XGVELA

Anuket - RC2 Test Cases - What and Where?	What arease should RC-2 work in next? Agree that various forms of benchmarking are required (API, data plane, and new benchmarks for actual life-cyle operations). Cannot rely only on Functional testing.	"We should start with the tests and write the requirements, not the other way around." Current WS Lead wants to step down - call to contributors.	We need to have a common way to onboard CNFs We need to have a joint effort to implement test cases and making additional tests
Anuket: The Journey to Anuket and Beyond – Ask Me Anything!	How OPNFV and CNTT made a "delicious vegan sausage" by merging/melding. Much knowledge was shared, and the people rejoiced!	There are several crucial conversations to hold, and additional work to be done to completely form Anuket!	Preserve the trust that we have built so far, and grow it! (bring some questions next time)
ONAP			
ONAP Cloud- Native (CNF) Taskforce - open discussion on cu rrent state and future pl ans	LIVE DEMO of our CNF Orchestrator (based on ONAP Service Orchestrator): Onboarding of the CNF packages, Update /Configuration Helm Package Presentation of SDC (Onboarding/Design) ETSI Alignment Enhancements (SOL004/SOL007), package distribution for CNF, Alignment with CNF/O-RAN O2, SO NFVO (SOL003)-Adapter refactoring Clarifications about K8s Orchestrator and ONAP Orchestrator added-value Open Discussion about new ONAP CNF use cases		
ONAP multicloud- k8s plugin enhancemen t for CNF deployment	Helm hook support motivation to perform CNF-scope config Multicloud-k8S plugin from Frankfurt till now (not yet contributed to ONAP but will be soon!)		Presenters to engage with CNF TF to further discuss, enhance and contribute their ideas as presented.
ONAP Spock/Groovy Testing Framework	Present unit testing framework used in CPS Easy to define mocks Demo of a small project		
ONAP 2021 TSC prioriti es	Review current list of priorities and outlook Refocus on MVP		Agreed and Prioritize the proposals Identify TSC Member lead for each approved proposal.
ONAP / 3GPP Harmonization ves- openapi-manager & SDC distribution monitoring enhancements	3GPP harmonization recap Validation using OpenAPIs Recorded demo of SDC distribution improvements (useable by any component)		Add new screenshot in SDC doc
ONAP for PNFs manage ment	How ONAP supports PNF: Modeling, Instantiation, Bootstrapping, registration. PNF Configuration via ONAP Controller Design Studio LIVE DEMO!		
ONAP Documentation: starter kit	Document as You Code Presentation of the dedicated tool chain (Sphinx) to publish the content as HTML files in ReadTheDocs (ONAP Official Documentation)		
ONAP Honolulu Securit y Updates	 Sharing DCAE (Data Collection Analytics/Events) experience /findings while addressing Honolulu Security Requirements Security Exception Process Review Direct dependency updates i.e. log4j, guava, commons-io, etc. 		As part of the new release cadence, confirm that RC0 is the latest date when project team(s) can introduce their security exception being reviewed by TSC Inform PTLs that new oParent is available
ONAP Honolulu CII Badging	discussed REQ-433 on CII badging and security requirements discussed CII editing discussed use of sonarcloud.io to look at security issues		

ONAP Architecture Sub committee Update for H onolulu-R8 and beyond	 Update on the Honolulu Architecture Reviews ARC Review guidelines Architecture Theme per release 	
ONAP Control Loop in TOSCA PoC	 Abstraction of a Control Loop(CL) using TOSCA language including: the definition of a CL participants, and the life-cycle management of a CL. Showcase through a demo an example/implementation of that abstraction (a simple control loop with PMSH(DCAE μS)/ policy /CDS/xNF participants) 	
ONAP And DevOps - int egration with CI /CD pipelines	Introduction of "Cloud Native" Pipeline for ONAP and Functional Intent Handler in SO	POC - SO Functional Intent Handler Explore pipeline technology (Argo, Spinnaker) Helm/K8S as integration focus Present this topic to the LFN TAC
ONAP Policy JavaScript Testing Demo	Introduction and overview of JavaScript testing using the Jest testing framework. Demonstration of Jest framework in action. Other tools to use w/ Jest	
XGVela		
ODIM		

04 Feb 2021

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Cross- Community	/		
EUAG New updates - Summary and Next Steps	Al/ML use cases for 5G RAN and 5GC (Note that NWDAF specified use cases can be satisfied with policy based analytics) that operators need EUAG needs to lead the discussions across the communities on Al/ML activities.	Are operators are willing to share data with open source communities to create algorithms or even models? How can we leverage limited Lab resources to test Al/ML products and algorithms.	Set up a follow up a Plenary session to do a deep dive on the requirements and how can they be realized in actions. The follow up will include vendors
Anuket			
Anuket: PDF 2.0 Definition	PDF is a "Pod Descriptor FIle" for NFVI - 2.0 is an enhanced version developed over the last year. Beyond the slides, there was a quick demo of the PDF GUI, developed with the help of Parth Yadav (Intern/Student).	There are two types of information included here: is this the best way to keep a single source of truth for HW info and Design info (HW roles, for example)?	There is a reasonable relationship with the work (SDV and HDV) currently taking place in the CIRV project, so this is a potential home/repo for PDF 2.0 work. There is also the possibility to re-activate Pharos specifically to continue the PDF 2.0 work, and that would need a PTL from among the current committers Continue project-wide meetings to discuss this topic.

Anuket: Acceleration of NFV resource deployment - network configuration automation	Right now, green field installation of HW network devices (ToR to host, rack, other switches) is fraught with error and takes much time.	Need help with this process, automate to reduce time and cover multiple vendors.	Look into NETCONF and YANG Model control, and ODIM project
2021-02-04 - Anuket: Release Process Goals and Objectives	Need to reconcile the release cycles between different types of artifacts – requirements, use case, code and compliance.	The different workstreams have different paces of development.	Determine the release cadence and how to fold in the workstreams. Pick something and iterate.
		RI and RC are loosely coupled with RM and RA workstreams.	
Anuket - Reference Implementation and conformance update with SDN	Functional and Performance testing of (RI-1) Open Stack and Tungsten Fabric. Functest for functional tests of OS, VSPERF used to measure performance /benchmarks.	HW failures this week prevented progress with the demo.	process to completion
Anuket - Gitlab Pilots and LF IT roadmap	Benefits and timeline presented on transitioning to Gitlab. Feedback and discussion from pilots and community members on impact.	Need to ensure Gitlab /Gitlab-Cl meets the community's need in terms of review, Cl gating, and triggers.	Continue discussion in Anuket Technical meetings on Monday Review plan and challenges with Anuket TSC
Anuket: Defining Storage Requirements in RM	Gathering topics for Storage Requirements development in the Reference Model. Scope will not include the HW-specific operations to maintain error-free data access, but expectation is that media will notify when reliability is decreasing	There are MANY MANY aspects to specify, and must avoid getting into the weeds to make RM and RA a do-able task.	 requirements development will follow next. Use cases collected, are there more?
	/failure is imminent (and other telemetry). Use cases, like Core/Edge and possibly "5G" (gaming, CDN) affect the requirements.	RA-1 and RA-2 will be different for storage. There may be some gaps we don't know about yet.	
		Can we dissassociate requirements from the term "block".	
ODL			
2021-02-04 - ODL: A Bag of New Platform Tricks			
2021-02-04 - OpenDaylight and ONAP commonaliti es			
2021-02-04 - OpenDaylight Documentation Talk	work in progress to improve the documentation - in a good shape we should restart documentation meeting and elect a PTL	still a lot of room for new contributors and reviewers - calls for contribution	
2021-02-04 - OpenDaylight new TSC expectations talk	release names discussion - need to ease versioning possible synergies with other projects / infra + jjb other projects move to k8s (can openDAylight help ?)		send an email to the ODL TSC about releases naming / numbering
2021-02-04 - ODL: Phosphorus Platform Lookahead			
ONAP			
ONAP ETSI NFV joint container data model workshop and latest modeling subcommittee process update	Impact of new release process on Modeling Workshop on ONAP container data model	Aligning activities between ONAP and ETSI on the container data modeling and package.	Invite ETSI to participate in ONAP container data modeling design (during ONAP Resource IM Calls)

ONAP DCAE upda tes for Honolulu- R8 and focus beyo nd	Review of Guilin DCAE accomplishments, plans for Honolulu, and beyond overview of DCAE deployment plan and how it changes in Honolulu	More resource/community support required for helm transformation	Closed loop integration through Helm (Liam/Ericsson) EMCO plugin analysis for composite service support in MOD (Damian)
ONAP 5G OOF SO N use case - Guili n Demo and Road map	LIVE DEMO - latest functionalities for the 5G SON use case Discussion about changes foreseen in Honolulu Share the roadmap		How are we handle ONAP Alarms (format)? SON Control Loop?
ONAP/O-RAN /OSC Alignment - Updates and Road map	 Practical examples about ONAP/O-RAN integration What's next? Al/ML based on Closed Loops 		
ONAP Support for Vertical Industry - 2021 Planning	 Presentation of POC performed during the Guilin Release: Warehouse management industry can deploy 5G network and Automated Guided Vehicles to achieve fully automatic management and transportation of goods which will greatly improve efficiency and reduce cost. Requirements for Vertical Industry (Tenant management & Isolation, etc.) developed in Honolulu, levering Multi-Tenancy in ONAP 		
ONAP usage: Micr owave Operations Automation using ONAP/CDS	 Proof-of-Concept demonstrating the automation of some microwave operations, namely the topology auto-discovery, the path calculation and the layer2 services provisioning, relying on the ONAP Controller Design Studio (CDS) and ONAP Active and Available Inventory (AAI). 		
ONAP Policy Dem os of Guilin	Deep Dive of ONAP CLAMP (Control Loop Automation and Management Platform) - From Architecture to Development - offline VIDEOS available ONAP Policy APEX-PDP running in stand- alone mode ONAP Policy XACML-PDP application creation - LIVE DEMO		
ONAP: Using ONA P components to orchestrate on Az ure Kubernetes Se rvice	Overview on setup involved for ONAP deploy on AKS Review ARM template structure employed Demo/recording presented on subset of ONAP (EMCO/CDS/GUI) deployment Presentation of Edge Multi-Cluster Orchestrator (EMCO) - software framework for intent-based deployment of cloud-native applications to handle a set of Kubernetes clusters, spanning enterprise data centers, multiple cloud service providers and numerous edge locations.	Where can we find the code to replicate this E2E demo?	Need LFN Legal and ONAP TSC approval/guidance for using EMCO images in ONAP deployment
ONAP: Orchestrati ng a cloud native 5GC across multip le K8s clusters usi ng ONAP compon ents	 Demo on Free5GC deployment on multi-cluster Focus on EMCO deployment Focus on EMCO UI operation 	Where can we find the code to replicate this E2E demo?	Need LFN Legal & ONAP TSC approval/guidance for using EMCO images in ONAP deployment
ONAP Portal Dem os of Guilin	Deep Dive of ONAP PORTAL - From Architecture to Development		

ONAP: Standalone GUI for EMCO	Presentation of EMCO UI Overview on GUI and demo setup VFw demo presented EMCO GUI contributed to ONAP /mutlicloud EMCO is not an open source under LFN	Where can we find the code to replicate the E2E demo?	Need LFN Legal & ONAP TSC approval/guidance for using EMCO images in ONAP deployment Offline discussion on GUI enhancement for service level tracking
XGVela			
ODIM			

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TAME	Scope will not include the HW-specific operations to maintain error-free data access, but expectation is that media will not when reliability is decreasing/failure is imminent (and other telemetry).
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