

Topic Proposals for Jan '19



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Recordings can be found here: [Event Recordings Jan '19](#)

Organizer or Presenter (s)	Session Title	Short Description	Slides
Thierry Evanno Jonne Soininen	Nokia Local Management Welcome Nokia Open Source Initiatives		
Roberto Kung	Orange Welcome to the Community		 Orange we...unity.pdf

Heather Kirksey, Phil Robb, Kenny Paul	Remarks for the Linux Foundation and Meeting Logistics		
Erwan Duval Barbara Orlandi	Nokia Lunch Demos	<ul style="list-style-type: none"> SDM Expert - Solving data migration challenges 5G NetWork Slicing 	
ONAP TSC Members	ONAP TSC MEETING	Regular TSC mtg	
OPNFV TSC Members	OPNFV TSC Meeting	Regular TSC mtg	
David McBride	OPNFV Gambia Retrospective	Review Gambia release and identify areas for improvement	
Frank Brockners Donald Hunter	DCAE-PNDA Integration; Overview, Status and next Steps	<p>Overview of the PNDA-DCAE integration - that became available with Casablanca. Discussion of current status and evolution of the integration.</p> <p>PNDA LFN Board Review short.pptx</p>	
David McBride	Intern Lightning Talks	<p>Each intern will do a 10 minute lightning talk about their project, followed by 3 minutes of questions.</p> <ol style="list-style-type: none"> Alisha Aneja Girish Lingappa Amir Mohamad Adarsh Pal Singh 	<ul style="list-style-type: none"> Adarsh Pal Singh - Intern Talk at OPNFV Gambia Plugfest.pdf Girish Lingappa - Intern talk at OPNFV Gambia Plugfest. pdf Plugfest_compass.pdf Amir Mohamad - Intern Talk at OPNFV Gambia Plugfest. pdf
Sofia Wallin Thanh Ha (zxiiro) Trevor Bramwell	LFN documentation		
Sofia Wallin	ONAP documentation		
Tomi Juvonen	OPNFV Testing Pain Points and Requirements	<p>Testing pain point and requirement discussion what attendees have. Some topics:</p> <ul style="list-style-type: none"> OpenStack services in containers (apex) Functest skips features testing. Should always test OpenStack Fenix gerrit patch set to trigger Apex snapshot deployment and testing on top of it 	https://etherpad.opnfv.org/p/PF_Gambia_Testing_Pain_And_Req
Tomi Juvonen	Doctor - Rolling Maintenance and Enhanced Fault Management Demo	<p>I) Doctor maintenance use case demo using new OpenStack Fenix. ETSI defined, OPNFV Doctor refined, Implemented in OpenStack.</p> <p>II) Doctor enhanced fault management demo. Now many times faster.</p>	<p>Presentation has demo as video, so linked here as size is too big:</p> <p>Doctor - Rolling Infrastructure Maintenance and Enhanced Fault Management</p>

Tomi Juvonen	Doctor - OpenStack Fenix BoF	From Doctor maintenance requirements to OpenStack Fenix. Fenix project update and discussion	 Fenix-plu...mbia.pptx
ramki krishnan Srinivasa Addepallirraghu@ciena.com Vimal Begwani Dileep Ranganathan Huang Haibin Mike Elliott Prakash Ramchandran	ONAP Edge Architecture /Implementation & OPNFV /OpenStack Edge Efforts Collaboration	<p>ONAP Dublin deep dive</p> <p>a. Analytics as a Service - Dileep Ranganathan Srinivasa Addepalli ramki krishnan</p> <p>Big data analytics that include collection, analysis and closed loop actions are best performed closer to the data source. Analytics include infrastructure analytics, VNF specific analytics and application (including IOT-5G) centric analytics.</p> <p>One of the major challenges to enable analytics near data source is bringing up analytics framework at various cloud regions and then bringing up analytics applications on demand basis. This presentation discusses the method to automate steps involved in deploying analytics framework and analytics applications. This presentation details on</p> <ul style="list-style-type: none"> Automation of analytics framework, application deployment using existing ONAP mechanisms Configuration orchestration across multiple components of analytics applications and framework, again using existing ONAP mechanisms. Gaps in achieving above and the enhancements required in existing ONAP components. Gaps in achieving analytics that need NFVI metrics, VNF metrics and application metrics. needs and mechanisms to deploy ML/DL training and inferring analytics Popular technologies expected in analytics framework by analytics application vendors and guidelines to develop analytics applications. Integrating other 3rd Party Analytics frameworks and applications <p>b. Fine Grained Placement Service (F-GPS) - GUEYOUNG JUNG, Arun Gupta, ramki krishnan</p> <ul style="list-style-type: none"> Distributed DC Modelling <p>Dublin & Beyond - Distributed ONAP/3rd Party Management Application Architecture - Vimal Begwani ramki krishnan Srinivasa Addepalli @Mike Elliott</p> <ul style="list-style-type: none"> Deployment workflow with OOM Distributed System Management Leveraging K8S <p>Dublin & Beyond - Managing MEC Apps with ONAP - Srinivasa Addepalli, Huang Haibin</p> <ul style="list-style-type: none"> Presentation & Discussion Demo - In ONAP R3 cycle, we have done some development and testing to extending ONAP into Edge Computing. <p>OpenStack/OPNFV Edge Initiatives and ONAP Collaboration - R. Prakash R.Prakash</p>	 ONAP-DDF-Distr...mework-v1.pptx






onap_multi_cpu_...ture_images.pdf






Extending ONAP ...ting Realm.pptx





Edge Apps with ...ure & ONAP.pptx

Cedric Ollivier	Functest on steroids	<ul style="list-style-type: none"> • verify VIM in production • parallel testing • OpenStack & Kubernetes master • Raspberry PI 	http://testresults.opnfv.org/functest/gambia/  Functest on steroids.pdf
Cedric Ollivier	Functest 2019	<ul style="list-style-type: none"> • python packages • 10/10 • functional gates • etc... 	http://testresults.opnfv.org/functest/functest2019/  Functest 2019.pdf
Victor Morales Srinivasa Addepalli	Kubernetes based Cloud-region support in ONAP to bring up VM and container based VNFs /workloads	<p>Kubernetes is becoming a site orchestrator choice to deploy network functions and application workloads in cloud-regions. ONAP is being enhanced to bring up VNFs and workloads as VMs and containers in K8S based cloud-regions. This presentation details following:</p> <ul style="list-style-type: none"> • Current K8S based use cases in industry • NFV requirements • Pre-work that was done in R3 to support K8S based cloud-regions. • Architecture • User Stories for Dublin Release • vFirewall Demo 	 ONAP_DDF_2019_K8s_v3.pdf
David McBride	Daily Huddle	Gather input and document activity from each OPNFV session and organization.	




David McBride	OPNFV Release Process Working Group - High Level Process Description (part 1)	Finalize high-level release process description.	
David McBride	OPNFV Release Process Working Group - High Level Process Description (part 2)	Finalize high-level release process description.	
David McBride	OPNFV Release Process Working Group - Establish milestones	Finalize high-level release process description.	
Pamela Dragosh Gervais-Martial Ngueko	ONAP Control Loop Sub Committee	Collaborate on Dublin Priorities	 <p>Model_Driven_CL..._Dublin_v3.pptx</p> <p>https://wiki.onap.org/display/DW/2019-01-09+Control+Loop+Sub+Committee+Weekly+Meeting+-+Paris+F2F</p>
Pamela Dragosh	ONAP Policy Framework	Policy How To/Presentations/Demo	<p>https://wiki.onap.org/display/DW/2019-01-08+Policy+Meeting+-+Paris+Developer+Plugfest</p> <p>https://wiki.onap.org/display/DW/2019-01-10+Policy+Meeting+-+Paris+Developer+Plugfest+-+Session+2</p> <p>https://wiki.onap.org/display/DW/2019-01-10+Policy+Meeting+-+Paris+Developer+Plugfest+-+Session+3</p>




Weitao Gao	VNF Test Tool For CVC – VNFSDK & VVP & Dovetail	<p>Integrate VNF Test Tool(VNFSDK-VTP & VVP) Comes from ONAP with Dovetail/OVP Portal</p> <p>https://www.dropbox.com/home/VTP-Dovetail</p>	 <p>VNF TEST TOOLS FOR CVC.pptx</p>
Kevin McDonnell	5GTANGO V&V integration with ONAP.	<p>Highlight the existing test platform , V&V, in 5GTANGO that works currently with OSM and discuss potential for collaborative testing with ONAP and VNFSDK/ VTP in particular.</p> <p>V&V will have the ability to invoke tests and publish results of ONAP Certified VNF Packages</p>	 <p>5GTANGOIntegra..._McDonnell.pdf</p>



<p>Dan Xu Panagiotis Karalis Stamatis Katsaounis</p>	<p>OVP - LFN verified program of OPNFV and ONAP</p>	<ul style="list-style-type: none"> • Introduce current state of OVP and what comes in the future • Demo of how to run some OVP tests (including OPNFV and ONAP) • Show how to use the OVP web portal 	<div data-bbox="1182 315 1279 413"></div> <p>Paris Plugfest.pptx</p> <div data-bbox="1182 886 1279 984"></div> <p>Paris Plugfest pt2.pptx</p>
<p>Vijay Venkatesh Kumar</p>	<p>Data Collection and Analytics Engine (DCAE) - ONAP</p>	<p>Dublin Plans and beyond.</p>	<div data-bbox="1182 1413 1279 1512"></div> <p>ONAP_DCAE_Dubl...lans_v1.1.pptx</p>



<p>Stephen Wong</p>	<p>OPNFV Clover: Utilizing cloud native technologies for NFV</p>	<ul style="list-style-type: none"> • Clover utilizes Istio, Prometheus, and Jaeger to provide container networking polices and visibility • It also provides a cloud native network tracing tool to augment traces provided by Istio/Envoy • Demo on visibility and network tracing to demonstrate how they can help in CI/CD pipeline 	<div data-bbox="1182 317 1279 415"></div> <div data-bbox="1045 449 1419 485">clover-intro-onap-opnfv.pdf</div>
<p>Yang Xu Brian Freeman (AT&T)</p>	<p>ONAP Use Case Development</p>	<ul style="list-style-type: none"> • Review vCPE use case implementation • Discuss on how to separate use case custom code from ONAP platform 	<div data-bbox="1182 842 1279 940"></div> <div data-bbox="1024 974 1438 1010">vCPE Use Case Automtion.pdf</div>





Margaret Chiosi	ONAP Use Case -BBS	<ul style="list-style-type: none"> • Review Use Case • Continue detail workflow and ONAP impact 	<div data-bbox="1177 317 1279 415"></div> <div data-bbox="1112 449 1341 485">BBS Audio.m4a</div> <div data-bbox="1177 825 1279 924"></div> <div data-bbox="1112 957 1341 995">BBS video.mp4</div>
Srinivasa Addepalli	Challenges in using ONAP and opportunities to improve	<p>Intel internal teams that use ONAP as users had good feedback and wanted to share same here</p> <ul style="list-style-type: none"> • Challenges faced during installation • Challenges faced during usage • Stability and performance challenges • Suggestions for improvement 	<div data-bbox="1177 1352 1279 1451"></div> <div data-bbox="1019 1484 1440 1522">ONAP-Intel-Learnings-v1.pptx</div>




<p>Stephen Gooch</p> <p>Eddy Raineri</p>	<p>Edge Cloud Project/OVP /StarlingX</p>	<ul style="list-style-type: none"> • Overview of the Edge Cloud Project • StarlingX • OVP Integration • Resources 	<div>  <p>OPNFV StarlingX...19-01-08-01.pdf</p> </div>
<p>Kenny Paul</p>	<p>Consideration s for Scalability As We Move Toward Dublin & Beyond</p>	<p>As we begin our 4th release it is time to take stock of where we've been and how we move forward on our open source journey.</p>	<div>  <p>ONAP-Process-Maturity.pdf</p> </div> <p>Your browser does not support the HTML5 video element</p>
<p>Alla Goldner</p>	<p>ONAP Usecase subcommittee meeting</p>		<div>  <p>ONAP features fr...entation v7.pptx</p> </div>
<p>Alla Goldner</p>	<p>Use cases and functional requiremenbts - harmonization for Dublin release</p>		



Lincoln Lavoie Rabi Abdel	Compliance and Verification Programs	Evolution and long term strategy planning for for the LFN compliance and verification programs.	 LFN CVC Program_vision.pptx
Seshu Kumar Mudiganti	Service Orchestrator	Service Orchestrator Dublin and beyond...	 Understanding S...lin Beyond.pptx
Sriram Rupanagunta	Demonstrate the full life cycle of an L2 forwarder VNF using Yardstick NSB and ONAP	<ul style="list-style-type: none"> • Use a Sample VNF from OPNFV – L2 forwarder • Show how we can do perf. benchmarking using OPNFV Yardstick NSB • Onboard the VNF onto ONAP • Deploy the VNF using ONAP onto an OPNFV OpenStack scenario 	Demo recording  Plugfest_l2fwd.pdf
Steven Wright (remote presentation from USA)	ONAP VNF Certification	Proposed VNF Badges for Dublin Process to engage	ONAP VNF Certification 2.pdf




Jessica Wagantall & Bengt Thuree	LF Release Engineering Roadmap & Recommendations for ONAP	Discussion and reggestopon	
Yan Yang Huang Haibin	ONAP Experience from CMCC Lab	ONAP R3 Use Case in CMCC Lab	 ONAP Casablanc...n CMCC Lab.pdf
Yan Yang	ONAP VF-C Dublin Planning	<ul style="list-style-type: none"> • Overview of VF-C Casablanca Status • Dublin plan 	 VF-C Casablanca ...lin Planning.pdf
Tao Shen	ONAP Usecase-UI Dublin Planning	<ul style="list-style-type: none"> • Overview of Usecase-UI Casablanca Status • Dublin plan 	
LIN MENG Yan Yang (Remote presentation from China, please help to assign a time slot in the morning in France time)	ONAP CCVPN Use Case	<ul style="list-style-type: none"> • Overview of CCVPN Usecase • Demo • Dublin plan 	Presentation material is the wiki page: https://wiki.onap.org/pages/viewpage.action?pageId=45296665
Davide Cherubini Razanne Abu-Aisheh emmanuel sarris	ONAP CCVPN E-LAN Service Use Case (Dublin)	<ul style="list-style-type: none"> • Dublin extension of CCVPN Use Case (E-LAN services) • Discussion on Implementation options 	




Lingli Deng (Remote presentation from China)	SP Requirements for ETSI NFV Alignment	<ul style="list-style-type: none"> Survey Report on SP Requirements for ETSI NFN Alignment Proposal discussion for Collaboration between ONAP and OPFV to help 	
Lingli Deng Yan Yang (Remote presentation from China)	Generic TOSCA Parser For both Service Design and Run Time Orchestration	<ul style="list-style-type: none"> Requirement Analysis for Generic TOSCA Parser Gap Analysis for potential candidates and current implementation Proposal discussion for Collaboration between ONAP and OPFV to help 	<p>SDC Type Analysis: https://wiki.onap.org/display/DW/SDC+Template+Type+Analysis</p> <p>Generic tosca parser: https://wiki.onap.org/display/DW/ONAP+Generic+Tosca+Parser</p>
Abhijit Sinha Emma Foley	VNF Benchmarking with OPNFV Yards tick NSB (Network Services Benchmarking)	<ul style="list-style-type: none"> Presentation/Intro Introductory lab where you will <ul style="list-style-type: none"> learn how to install Yardstick-NSB on bare metal, configure it and characterize NVFI and a sample VNF. Visualize results/KPI's 	<p>For the NSB LAB session, users are expected to have:</p> <ul style="list-style-type: none"> Putty and Mozilla Firefox installed in laptops. <p>NSB LAB guide: https://drive.google.com/file/d/11rwDY-Bz_ILECS_B6lyajRmXCL0X48FY</p> <p>SSH tunnel set-up guide: https://drive.google.com/file/d/17U5qdYk1xo40gjE0iygOFKAm69fCTCMm/view</p> <div>  <p>NFVi and VNF Ch...n using NSB.pdf</p> </div>
Alex Xia Sriram Rupanagunta	Demonstrate the design and deployment of a Mobile Content Cloud (MCC) Network Service using ONAP	<ul style="list-style-type: none"> Use Affirmed Networks' MMC related VNFs and onboard them through SDC design tool Create a single Network service using these VNFs through SDC Perform SDN-C preload of VNFs Deploy Network service (MCC) using VID in ONAP portal Post-deployment configuration for the VNFs 	<p>Demo recording</p> <div>  <p>Plugfest_MCC - AN - v2.pdf</p> </div>



Qihui Zhao	OPNFV Edge Cloud Project /StarlingX /Edge Pharos Spec	<ul style="list-style-type: none"> Define Edge Spec for Pharos lab StarlingX integration with XCI 	 <p>Edge Clo...Zhao.pdf</p>
Qihui Zhao	Edge Cloud experience from China Mobile	<ul style="list-style-type: none"> Experience of CMCC on edge cloud testing (OpenStack & Acceleration) 	 <p>Edge Clo...Zhao.pdf</p>
Adolfo Perez-Duran	ONAP multi-architecture container images	<p>In 2015 and early 2016 the Docker community created the v2.2 image specification with a new type—a manifest list—to represent a list of platforms (OS, CPU architecture, etc) and references to platform specific layers for different runtimes.</p> <p>In September 2017 Docker's Official Images became multi-platform. Running "run docker run hello-world" will pull and run the correct hello-world image whether you are using ARM, x86-64 Linux, Windows, IBM Z mainframes or any other system where Docker runs.</p> <p>Because ONAP is vendor-agnostic, multi-platform support in the container ecosystem brings capabilities the ONAP community has been waiting for a long time.</p> <p>The introduction of multi-architecture images will improve usability and deployability of ONAP containers across architectures and platforms. Developers no longer need workarounds such as adding an architecture-specific prefix to image names.</p> <p>This session will:</p> <ul style="list-style-type: none"> Introduce the key concepts behind multi-architecture container images. Describe and discuss what it means for a container image (e.g. Docker) to be multi-architecture. Demonstrate how multi-arch images are built 	 <p>onap_multi_cpu_...ture_images.pdf</p>
Byung-Woo Jun, Michael Morris	SO Plug-In support VNFM using ETSI NFV SOL003	<p>SO Adapter which uses ETSI NFV SOL003 to connect VNFM</p> <ul style="list-style-type: none"> Dublin Use Cases and Requirements SO VNFM Adapter Architecture Proposal 	 <p>SO-ETSI-VNFMAd...n-2019108.pptx</p>

<p>Benjamin Cheung</p> <p>Michela Bevilacqua</p>	<p>PNF Pre-onboarding and PNF Onboarding Use Case, PNF package</p>	<p>PNF PreOnboarding and PNF Onboarding (delivery of PNF Onboarding package, NFSDK validation, SDC DS handling of the PNF Package, and PNFD to Platform Model)</p>	<div>  <p>5GPNFOnboardin...8Jan2018v5.pdf</p> </div> <p>Recording:</p> <div>  <p>zoom_0.mp4</p> </div>
<p>Al Morton</p>	<p>OPNFV Test-WG face2face meeting</p>	<p>Topic include Test API, Harmonization of Test tools (definition and goals), others.</p>	<p>https://wiki.opnfv.org/display/meetings/Test+Working+Group+Weekly+Meeting</p> <p>IRC channel: #opnfv-testperf @ Freenode</p>
<p>Al Morton</p> <p>Sridhar Rao</p>	<p>VSPERF Long Duration Testing & Cross-NUMA Testing</p>	<p>Tracking the effects of Transient Interrupts and dataplane impacts, and Measuring cost of cross-NUMA traffic to Dataplane performance.</p>	<p>Wiki Pages with status/results:</p> <p>https://wiki.opnfv.org/display/vsperf/Cross-NUMA+performance+measurements+with+VSPERF</p> <p>https://wiki.opnfv.org/display/vsperf/Long+Duration+Testing</p>
<p>Al Morton</p> <p>Sridhar Rao</p>	<p>Container-izing Test Tools</p>	<p>As part of the evolution to cloud-native, test tools are migrating to implementation in containers. What are the best design choices that the community agrees on now? Best Practices?</p>	<div>  <p>Containe...PERF.pdf</p> </div>
<p>Linda Horn</p>	<p>Common FM and PM Meta Data Artifact for 5G</p>	<p>Format, content and usage of a common FM meta data artifact and PM Dictionary artifact for 5G NFs.</p>	<p>FM PM Artifacts for 5G Use Case.pptx</p>

LIN MENG (remote presentation from China, please help to assign a time slot in the morning in France time)	ONAP service information model	<ul style="list-style-type: none"> overview of the status Dublin plan CCVPN service IM and DM requirements 	Presentation material is the wiki page: https://wiki.onap.org/display/DW/CCVPN+DM+Requirement
Mark Scott	3GPP Bulk PM Handling Use Cases	Overview	Presentation material is on the wiki page: https://wiki.onap.org/pages/viewpage.action?pageId=40206494
	Architecture - how to document our ONAP architecture	There is a need to more deeply describe the ONAP architecture. Starting with what is there, not only from a component perspective but also on how it works through the various lifecycle steps. This session is to discuss this and the way forward	<div>  <p>Documenting Architecture.pptx</p> </div>
Stephen Terrill	Dublin Architecture Requirements	Updated presentation on the dublin architecture requirements	<div>  <p>2019-01 Dublin ...ements-pa1.pptx</p> </div>

Stephen Terrill	ONAP Architecture Priorities	Working discussion on the ONAP architecture prioritized topics	 2019-01 Architec...- draft pa1.pptx
Stephen Terrill , others	Joint Architecture and modelling session	Joint meeting to go into common architecture and modelling topics. Suggestion to focus on how to represent the NSD internally	 2019-01 Joint Ar...ssion - pa1.pptx
Fernando Oliveira Stephen Terrill	ONAP architecture - Orchestration scenarios	A report from the ONAP architecture task force into orchestration scenarios	https://wiki.onap.org/download/attachments/45300148/OrchestrationScenariosDDF.pptx
Hui Deng , others	ONAP SDO coordinator report and invite SDO speech	<p>There were official SDO coordinator officer link here: https://wiki.onap.org/display/DW/External+Standard+Coordination</p> <p>We will give a yearly report and invite one SDO speech during the session which is most influential</p>	https://wiki.onap.org/display/DW/Jan+2019+ONAP+DDF+OPNFV+Plugfest+SDO
Pawel Pawlak @Damian Nowak	ONAP Mini Summit PL 2018 Takeaways	<p>Summary of ONAP Mini Summit organized in November in Warsaw.</p> <p>We will share main outputs and takeaways from the event.</p>	 ONAP Mini Summ...ays_PP_v2.pptx

<p>Lei Huang @Changjun Wang Bin Yang @Howa rd Huang</p> <p>(remote presentation from China, please help to assign a time slot in the morning in France time)</p>	<p>Acceleration Management</p>	<p>As we know, HPA provides ONAP with capability of awareness of underlying hardware platform, and with that ONAP is able to leverage HPA features, such as DPDK and SR-IOV to locate and onboard VNFs on the right platforms for the purpose of performance mostly. However with maturity of ONAP and requirements of new VNFs, there exist some gaps inside the current HPA framework, for example, ambiguity tolerance in TOSCA templates and service assurance after VNF onboarding.</p> <p>Apart from the above, taking edge computing or 5G as an example, we're facing more and more new workloads and new scenarios, where high bandwidth and low latency are highly required in the requirements. For instance, those VNFs which do real-time analysis and diagnosis on surveillance video stream need accelerators like GPU and FPGA evidently to achieve the goals, and should consider and plan corresponding life-cycle management, hardware metrics monitoring, QoS, etc. for the accelerators.</p> <p>In the presentation, we're about to cover the following:</p> <ul style="list-style-type: none"> - Gaps between the existing HPA framework and the new requirements on accelerators - Difference between HPA and acceleration management - Framework proposal to support acceleration management in ONAP - Changes to enhance ONAP and the HPA framework - Interoperability with Multi-Cloud and VIMs - Our plans 	 <p>AM slide in DDF.pdf</p>
<p>Chuyi Guo</p> <p>(remote presentation from China)</p>	<p>Introduction of Commercial NFVO Products</p>		 <p>NFVO Intr...ction.pdf</p>
<p>Chuyi Guo</p> <p>(remote presentation from China)</p>	<p>Network Service Model for Dublin Release</p>		 <p>Network ...ease.pdf</p>

<p>Marian Skorupa</p>	<p>Orange ONAP first real life operational implementation</p>	<p><i>Presentation of the lesson learned from I phase of GNOCe virtual robot implementation, ONAP PITEC, to monitor the quality of network management systems access in Poland, Slovakia, Belgium, Spain and Romania. This was possible thanks to the use of some of the capabilities of ONAP. In the first phase, ONAP is used to on-board and instantiate IPTEC probe VNFs, and to collect measurements results through VES collector and DMaaP.</i></p> <p><i>In a second phase, the use of ONAP should be extended to:</i></p> <ul style="list-style-type: none"> - control loops development, - ONAP analytics integration, - PITEC re-configuration based on thresholds, - Integration with external ticketing system. 	 <p>ORANGE GNOCe O... 8.01.2019.pdf</p>
<p>Matthieu Geerebaert</p> <p>Adrian OSullivan</p> <p>Romain Gimbert</p>	<p>NBI enhancement, service modification & notifications</p>	<p>Improving NBI TM Forum API for bss & oss means more integration with</p> <ul style="list-style-type: none"> • AAI • SO • SDC <p>Apis</p> <p>Objectives:</p> <ul style="list-style-type: none"> • service modification (get characteristics & values from AAI) • more notifications (from AAI, SO, SDC) <p>See</p> <p>https://onap.readthedocs.io/en/casablanca/submodules/externalapi/nbi.git/docs/offeredapis/offeredapis.html</p>	
<p>Georg Kunz</p> <p>Fatih Degirmenci</p>	<p>Airship integration in XCI</p>	<p>Discuss the current status of integrating Airship in XCI and define the next steps. We are starting with openstack-helm and consecutively add more Airship components.</p> <p>https://etherpad.opnfv.org/p/airship@xci</p>	
<p>Alexis de Talhouët</p> <p>Sylvain Desbureaux</p> <p>Yuriy Malakov</p> <p>Eric Debeau</p> <p>(remote presentation)</p>	<p>ONAP - pre and post instantiation configuration</p>	<p>Present the evolution of platform component: Service Orchestration & Controller Design Studio; enabling self-serve to address pre and post instantiation configuration use cases.</p>	 <p>Jan19 - ONAP-DD...Automation.pptx</p>
<p>Bin Yang</p> <p>Huang Haibin</p> <p>Victor Morales</p> <p>@Sudhakar Reddy</p>	<p>ONAP MultiCloud Dublin Planning</p>	<p>Go through list of proposals and prioritize the commitment in Dublin Release</p>	
	<p>ONAP MultiCloud Casablanca</p>	<p>a Live demo to showcase the multicloud capability of automate on-boarding of multiple edge clouds</p>	

Bin Yang
Huang Haibin
Victor
Morales
@Sudhakar
Reddy

new features
demo



MultiCloud-Casab...HighlightsV2.pdf






ONAP MultiCloud... Casablanca.pdf








ONAP Casablanc... endtoend.pptx



The Zoom video is too big to upload the wiki, so I upload to cloud disk of Baidu, you can access it by <https://pan.baidu.com/s/1FzvPxZBvtBdeFeaUeyE-bA>




Demo video:




			<div>  <p>vcpe_designtime.mp4</p> </div> <div>  <p>vcpe_runtime.mp4</p> </div>
Weitao Gao	VNFSDK Weekly meeting	Weekly VNFSDK team meeting. Goal is to dive deeper into the scope of Dublin Release,	
Morgan Richomme Yang Xu	Xprojects collaboration on integration	<p>OPNFV functional testing provides some trust indication on the major infrastructures (OpenStack and K8S).</p> <p>As ONAP is now installed on top of K8S usually on top of OpenStack, it is important to trust the infrastructure hosting ONAP deployment before running deployments and tests.</p> <p>OPNFV testing capabilities could be reused.</p> <p>Additionnaly Pharos resources could eventually be used by ONAP on top of OPNFV scenarios.</p>	<div>  <p>ONAP DDF 08012019.pdf</p> </div>




<p>Andy Mayer</p> <p>Matthieu Geerebaert</p> <p>Davide Cherubini</p> <p>Manoj Nair</p> <p>emmanuel sarris</p>	<p>CCVPN Use Case Impacts on External API</p>	<p>Discuss the impacts of the Dublin release CCVPN Use Case on External API from both a Legato (Northbound: BSS/OSS to ONAP) and Interlude (East/West: ONAP to ONAP) perspective.</p> <p>Also discuss MEF Interlude Alignment</p> <p>Could be done as a breakout.</p> <p>Request Wednesday breakout session due to participant availability.</p>	<p>ONAP-MEFInterlude-Requirements_Short_2.1.pdf</p>
<p>Stephen Terrill et al</p>	<p>Security sub-committee report and dublin requirements</p>	<p>Update from SECCOM, including preliminary draft generic security requirements, milestone checklist additions, casablanca in review, Dublin requirements.</p>	<div>  <p>2019-01 Dublin...s@DDF pa3.pptx</p> </div>
<p>Stephen Terrill</p>	<p>Security sub-committee dublin priorities</p>	<p>Brainstorm to identify and prioritize dublin SECCOM focus topics</p>	<div>  <p>2019-01 Security...- draft pa2.pptx</p> </div>

<p>Janne Suominen</p> <p>Mika Rautakumpu</p>	<p>Augmented Reality demo on Edge Cloud</p>	<p>Augmented Reality demo on Edge Cloud using OpenEdge HW</p>	 <p>Augmented_Real...dge_server.pdf</p>
<p>Oskar Malm</p>	<p>5G Use Cases for Dublin:</p> <ul style="list-style-type: none"> ▪ Configuration with NETCO NF ▪ PNF SW Upgrade 	<p>Presentation of use cases and proposed scope for Dublin</p>	 <p>5G_UC_for_Dubl...grade_DDF.pptx</p>
<p>Tal Liron</p>	<p>Let's Move Everything to Kubernetes</p>	<p>Can Kubernetes be used as the delivery mechanism for "legacy" VNFs as well as CNFs, from data center to edge? Is it inevitable? Is it even a good idea?</p> <p>Now that I got your attention, I will propose the "KNFM" initiative, combining the following:</p> <ol style="list-style-type: none"> 1. Kubernetes = both VIM and NFM equivalent 2. KubeVirt to handle the "V" in VNF 3. An operator for "legacy" lifecycle management (OpenStack Heat compatible) = G-VNFM equivalent 4. Custom operators (e.g. Ansible operators) to allow for vendor enhancements = S-VNFM equivalent 5. Multus to attach the data plane (as well as the expanded control plane that some VNFs require) 6. A controller to manage these extra networks 7. ONAP on top for management and integration: OpenDaylight for SDN, TOSCA for stitching together network services, BPMN for OSS/BSS, A&AI, DCAE <p>The technological ecosystem is almost there, it just needs an additional nudge to bring the pieces together.</p>	 <p>Let's Move Every...o Kubernetes.pdf</p>
<p>Borislav Glzman</p> <p>Patrick Maguire</p>	<p>5G: Network Slicing Use Case</p>	<p>5G Network Slicing Modeling and Orchestration in ONAP - use case presentation and discussion (please find materials here)</p>	<p>please find materials here</p>

Samuli Kuusela et al	ONAP Security Risk Assessment	<p>In this creative session, we'll identify security risks: threats and vulnerabilities for the assets in ONAP deployment. This is a continuing exercise from the F2F event in Beijing in June. The target of the assessment is a typical ONAP deployment with any needed assumptions on the deployment environment. Probably we need a few typical-ones like private cloud, public cloud.</p> <p>After the risk identification, we'll do rating: risk impact & risk probability risk level. The risks with unacceptable high level shall be mitigated, by adding items on projects' backlogs as necessary.</p> <p>A fictitious example, to give you a more concrete view:</p> <ul style="list-style-type: none"> -<u>Asset</u>: VNF O&M passwords stored in ONAP -<u>Threat</u> (can be several per asset): unauthorized disclosure -<u>Vulnerability</u> (can be several per threat): passwords included in plain text in a log file -<u>Risk mitigation</u>: do not include any passwords in log files <p>For more info, please see Risk Assessment concepts, definitions, process: https://wiki.onap.org/download/attachments/11928162/ONAP%20Attack%20Vector%20Analysis%20-%20Overview%20of%20the%20Process.pptx?api=v2</p>	Recording: ONAP Security Risk Assessment Workshop.mp4
Gildas Lanilis Stephen Wong @Chaker Al Hakim	ONAP on Service Mesh	<p>To ease operation of ONAP deployment, we explored running containerized ONAP components on Istio-K8S. By leveraging OPNFV Clover, we also gained more visibility into the deployment. In this presentation, we will present:</p> <ul style="list-style-type: none"> • The general benefits of running microservice pattern application on a service mesh • How such deployment will benefit ONAP? • What is OPNFV Clover, and how it helps microservice based applications via augmenting Istio? • Demo 	 <p>ONAP-Clover.pdf</p>
Andy Mayer Hui Deng	ONAP modeling subcommittee report	Current modeling progress readout which include resource/service IM and DM	https://wiki.onap.org/display/DW/Modeling+2019-01-08
Andy Mayer Hui Deng	ONAP modeling subcommittee F2F meeting	Regular modeling subcommittee meeting	https://wiki.onap.org/display/DW/Modeling+2019-01-08
Ajay Mahimkar Lukasz Rajewski Tomek Osiski	ONAP Change Management Dublin Extensions	<p>Regular Change Management meeting where we will discuss our plans for Dublin</p> <ol style="list-style-type: none"> 1. E2E Workflow Designer/Orchestrator (Includes all existing Activities/BBs) 2. Schedule Optimization with Automated Conflict Avoidance 3. Traffic Migration Workflow 4. 5G PNF Software Upgrade <p>https://wiki.onap.org/display/DW/Change+Management+Dublin+Extensions</p>	 <p>Change Managem... Workflow.pptx</p>

Sofia Wallin	Docs hacking	<p>Full day hands-on session dedicated documentation. Open to work on or discuss,</p> <ul style="list-style-type: none"> • Project specific documentation • Composite/overview documentation 	
Alla Goldner Andrei Kojukhov	ONAP/OSM harmonization	<p>High Level solution proposed by Amdocs</p>	 <p>ONAP_OSM_Harmo...ution (4).pptx</p>
Michal Ptacek	ONAP offline deployments	<p>Presentation about current state of ONAP offline deployments</p> <p>https://wiki.onap.org/display/DW/Beijing+OOM+ONAP+Offline+Deployment</p>	 <p>OOM_ONAP_Offli...119_nozay.pptx</p> <p>Recording:</p> <p>https://wiki.lfnetworking.org/download/attachments/10551748/ONAP_offline_deployments.mp4?api=v2</p>
Milind Jalwadi	ONAP - Road to complete automation during instantiation, scale-out and scale-in operations	<p>There are still manual steps involved in getting VNFs on-boarded and during scale out operations.</p> <p>This presentation and discussion is aimed to give a "consolidated" view of "all" that is required to achieve a zero touch or completely automated operations during service onboarding / instantiation, scale-out, scale-in operations and getting required configurations in place during this process.</p>	 <p>ONAP Road to Co...mation v1.0.pdf</p>

Krzysztof Opasiak	PGP key management hygiene	Presentation will cover recent PGP-related vulnerabilities discovered in most of mail clients and some suggestions how to manage a Vulnerability Reporting PGP key.	slides
Jason Hunt	Platform Maturity Requirements (S3P) for Dublin	Review of Platform Maturity requirements planned for Dublin	 Platform Maturit...DF 9Jan2019.pptx
Thinh Nguyenphu	SOL001 VNF Descriptor Extensions & Examples	Detail analysis between ETSI SOL001 v2.5.1 vs ONAP vCPE use case CSAR and VNFD. Key finding of the comparision	 ETSI_NFV_SOL001... extension.pptx
Thinh Nguyenphu	NSD modeling service template drafting	working session to prepare network service descriptor (NSD) based on vCPE use case.	 ONAP NSD discussion.pptx

Thinh Nguyenphu	Summary report VNFD and NSD to Modeling Sub- Com	Summary report to Modeling Sub-Comm on Friday	 Summary SOL001...iscussion.pptx
Margaret Chiosi	CVC Procedure Workflow	LFN Compliance testing - <ol style="list-style-type: none"> 1. CVC Challenges and suggestion for success 2. High Level review of CVC Procedure Workflows and Next major items to work on to get long term direction worked during CVC meetings 	 ONAP-OPNFV Com... Structure.pdf  audio CVC workflow initial.m4a






video CVC workflow initial.mp4



audio CVC Proce...re workflow.m4a



video CVC Proce...re workflow.mp4

<p>Margaret Chiosi</p>	<p>ONAP Integration-OPNFV CI /CD Tools</p>	<p>Discussion on Orange integration tool chain to be used for all LFN projects as well as using for integrating all the LFN components. Morgan and Yang Xu (PTL integ lead) will work it</p>	<div data-bbox="1182 312 1279 411"></div> <p>audio ONAP inte...OPNFV tools.m4a</p> <div data-bbox="1182 823 1279 921"></div> <p>video ONAP inte...OPNFV tools.mp4</p>
<p>Catherine Lefevre</p>	<p>ONAP TSC Dublin Prioritization Sessions A&B</p>	<p>The TSC Prioritization regarding Dublin release requirements was presented on the ONAP TSC call on January 3rd, 2018.</p> <p>This meeting will capture (and solve if possible) any remaining question/concern raised by PTLs prior their M1 (Planning milestone) submission.</p>	<div data-bbox="1182 1350 1279 1449"></div> <p>Dublin Proposed ...e_V10_Draft.xlsx</p>