

Running the ONAP Demos



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see also [running vFW Demo on ONAP Amsterdam Release](#)

see F2F vetted/merged/collaborated rewrite on [Vetted vFirewall Demo - Full draft how-to for F2F and ReadTheDocs](#)



see als [vFWCL instantiation, testing, and debugging](#)

ONAP Deployment Videos

ONAP Version	Undercloud	Description	Video
1.1 R1 Nov 2017	Openstack OPEN-LAB	End to End vFirewall from SDC to Closed Loop testing	Pending upload Nov 2017 by Integration team for R1 INT-333 - Getting issue details... STATUS
1.0.0 pre Aug 2017	Rackspace vFirewall E2E	3 - 1.6G 32min 17:11-17:43 (Run vFirewall demo including closed-loop DMaaP TCA/Masurement stats) <i>(there is a swap of the vLB during onboarding that only affects the service icon - both vLB and vFW are layer 4)</i>	 20170718_rack...mo_3_720p.mov
1.0.0 pre Aug 2017	Rackspace ONAP installation (before DCAE)	1 - 2.2G 23min 16:33-16:57 (bootstrap rackspace ONAP VMs - before 5 DCAE boot up)	 20170718_racks...rap_1_720p.mov

1.0.0 pre Aug 2017	Rackspace ONAP installation (DCAE 1.0)	<p>2 - 1.2G 10min 17:00-17:10 (Observe 5 DCAE VMs come up - wait for ONAP to be stable) - only for timing - does not show much!</p> <p>DCAE 1.0.0 takes up to 26 min to get the dcae-controller docker container up and another 7 min to start orchestration of the cdap cluster</p> <p>check progress by watching the dcae-controller "docker ps" - the collector instance is first to come up,</p> <p>psrg may take up to 24 min after container start and 48 min after VM start, cdap02 is last</p>	 <p>20170718_racks..._dcae_720p.mov</p>
1.1.0 Oct 2017	OOM Kubernetes on Rancher on EC2	 <p>20171015_onap_...ll_1of_720.mov</p>  <p>20171015_onap_...ll_2of_720.mov</p>	 <p>20171015_onap...m_362_720.mov</p>
1.0.0	OOM Kubernetes on Rancher on Openstack	<p>Mike's presentation where the vFirewall comes up - ONAP Operations Manager Project#DemoVideo see min TDB</p> <p>OOM User Guide</p> <p>ONAP on Kubernetes</p>	<p>https://wiki.onap.org/download/attachments/13598723/zoom_0.mp4?version=1&modificationDate=1502986268000&api=v2</p>

VNF Onboarding, Instantiation, and Closed-loop Operations

ONAP Version	Operation	Description	Video
Amsterdam Release Nov 2017 (still good for Beijing Release)	VNF Onboarding via SDC	Step-by-step presentation that illustrates how to onboard a VNF via SDC and create a new service	? Unknown Attachment
Amsterdam Release Nov 2017 (still good for Beijing Release)	vFirewall closed loop	<p>Step-by-step presentation that illustrates how to run closed-loop operations for the vFW use case.</p> <div>  <p>sdnc_preload_vfw.txt</p> </div> <div>  <p>appc_mountpoint.txt</p> </div>	? Unknown Attachment






vfw_preload_beijing.txt





vpacketgen_preload_beijing.txt



vFW.zip

		<div> vPKTGEN.zip</div>	
Amsterdam Release Nov 2017 (still good for Beijing Release)	vLoadBalancer/vDNS closed loop	<p>Step-by-step presentation that illustrates how to run closed-loop operations for the vLB/vDNS use case</p> <div> sdnc_preload_vlb.txt</div> <div> vLB.zip</div>	? Unknown Attachment

		<div>  <p>vdns_scaling_preload_beijing.txt</p> </div> <div>  <p>vlb_preload_beijing.txt</p> </div>	
Amsterdam Release	vCPE demo	Video that shows vCPE closed loop	? Unknown Attachment
Amsterdam Release Nov 2017 Alexis	vFirewall closed loop / Vanilla Openstack Private Cloud	<p>Step-by-step presentation of vFW use case and closed-loop operations on a Vanilla Openstack (Newton) private cloud; service and VNF instantiated with SO APIs.</p> <div>  <p>SO-APIs.txt</p> </div>	? Unknown Attachment



service-Demo7vf...cl-template.yml



preload.txt



APP-C mount.txt






vFWCL_robot_heat.zip






OpenstackManager.py



service_mappings.py

		<div> demo_preload.robot</div>	
Amsterdam Release Nov 2017 Alexis	vLB/DNS closed loop / Vanilla Openstack Private Cloud	<p>Step-by-step presentation of vLB/DNS use case and closed-loop operations on a Vanilla Openstack (Newton) private cloud; service and VNF instantiated with SO APIs.</p> <div> SO-APIs.txt</div> <div> preload.txt</div>	<div>? Unknown Attachment</div>

		<div> vLB-robot-heat.zip</div> <div> service-Demo13vlb-template.yml</div> <div> demo_preload.robot</div>	
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ONAP VF Templates

Release	Artifact	References	Description
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1.0.0/R1	vFirewall VF Heat Template vFW_100_20170608.zip	Example zip on reference page or build your own zip with a manifest.json https://nexus.onap.org/content/sites/raw/org.openecomp.demo/heat/vFW/1.0.0/base_vfw.env https://nexus.onap.org/content/sites/raw/org.openecomp.demo/heat/vFW/1.0.0/base_vfw.env containing the repo https://nexus.onap.org/content/sites/raw/org.openecomp.demo/vnfs/vfw/1.0.0-SNAPSHOT	vFirewall heat template zips
1.0.0	vFirewall SSH key	/testsuite/robot/assets/keys/robot_ssh_private_key.pvt	ssh key for the demo instances (fwl, sink, traffic generator)

Quickstart Instructions

(The following are a short form of the full demo instructions)

User workflow

Duration: 5 min until robot init/preload - 10 min after that.

[Tutorial: Verifying and Observing a deployed Service Instance#vFirewallFlow](#)

Optional
<p>R1.0.0</p> <p>License Model</p> <p>as cs on SDC onboard new license model license key groups (network wide / Universal) Entitlement pools (network wide / absolute 100 / CPU / 000001 / Other tbd / Month) Feature Groups (123456) Available Entitlement Pools (push right) License Agreements Add license agreement (unlimited) - push right / save / check-in / submit Onboard breadcrumb</p> <p>VF</p> <p>Onboard new Vendor (not Virtual) Software Product (FWL App L4+) - select network package not manual checkbox select LA (Lversion 1, LA, then FG) save upload zip proceed to validation checkin submit</p> <p>Onboard home drop vendor software prod repo on "top right" select, import vsp create icon submit for testing</p> <p>Distributing</p> <p>as jm start testing accept</p> <p>as cs sdc home see firewall add service cat=l4, 123456 create icon composition, expand left app L4 - drag both vsps submit for testing</p> <p>as jm start testing accept</p> <p>as gv approve</p> <p>as op distribute</p>

R1

License Model

as cs on SDC onboard | new license model | license key groups (network wide / Universal) | Entitlement pools (network wide / absolute 100 / CPU / 000001 / Other tbd / Month) | Feature Groups (123456) | Available Entitlement Pools (push right) | License Agreements | Add license agreement (unlimited) - push right / save / check-in / submit | Onboard breadcrumb

VF

Onboard | new Vendor (not Virtual) Software Product (FWL App L4+) - | select network package not manual checkbox | select LA (Lversion 1, LA, then FG) - ignore warning - save | upload vFWSink attachments zip proceed to validation | checkin | submit | 2nd VSP - same above except vFWPG.zip | proceed validation, checkin submit |

Onboard home | drop vendor software prod repo on "top right" | select, import vsp | create | icon | submit for testing - do twice for each vFWSNK, vFWPG

Distributing

as jm | start testing | accept - for both vFWSNK, vFWPG

as cs | sdc home | see firewall | add service | cat=I4, 123456 create | icon | composition, expand left app L4 - drag both vsps | submit for testing

as jm | start testing | accept

as gv | approve

as op | distribute | monitor

Robot operations

./demo.sh init_robot

see

<http://amsterdam.onap.info:30209/>

<http://amsterdam.onap.info:30209/logs/>

example health check results

http://amsterdam.onap.info:30209/logs/ETE_11778/report.html

./demo.sh init (verify cloud-region in AAI set)

todo: incorporate <https://lists.onap.org/pipermail/onap-discuss/2017-November/006401.html>

todo: add "cli" alternatives to gui/rest commands - <http://portal.api.simplesdemo.onap.org:9090/>

- Tutorial: Accessing the ONAP Portal
- (Optional) Tutorial: Onboarding and Distributing a Vendor Software Product (VSP)
 - Creating a Licensing Model
 - Creating a Virtual Function (VF)
 - Distributing a Vendor Software Product (VSP)
- Tutorial: Creating a Service Instance from a Design Model
 - Prepare A&AI to run with artifacts_version 1.1.0-SNAPSHOT and docker_version 1.0-STAGING-latest
 - Prepare VID to run with artifacts_version 1.1.0-SNAPSHOT and docker_version 1.0-STAGING-latest
 - Run demo.sh on vanilla Openstack
 - Using Robot Command Line
 - Robot Load Test Utility
- Tutorial: Verifying and Observing a deployed Service Instance
- Tutorial: Demo Environment Restore
- Vetted vFirewall Demo - Full draft how-to for F2F and ReadTheDocs
 - Downloads for vnc-portal
 - OOM Infrastructure Setup - VIO 4.0 Kubernetes
 - vFWCL instantiation, testing, and debugging
- Hands On Demo Sessions
- Running ONAP Demos on Azure
 - Pre-requisites to Instantiate VNF on Azure
 - Source Code access
 - vDNS on Azure
 - vFW on Azure
- Tutorial: Step by step guide to run vFirewall Closed Loop Demo
- vFW CDS Casablanca
 - Video Demo for vFW CDS Casablanca

- vDNS CDS Dublin
 - E2E Automation vDNS w/CDS Use Case
 - E2E Automation vDNS & vFW w/ CDS Use Case - ONAP-01-Installation-Required Component
 - E2E Automation vDNS w/ CDS Use Case - ONAP-02-Design Time
 - E2E Automation vDNS w/ CDS Use Case - ONAP-03-Run Time- Video Demo for vDNS CDS Dublin
 - CDS Runtime Swimlane Diagram
 - Scale Out vDNS w/CDS Use Case
 - Scale Out vDNS w/CDS - ONAP Design Time
 - Scale Out vDNS w/CDS - ONAP Run Time
- vLB CDS EI Alto
 - E2E Automation vLB w/CDS Use Case (EI Alto)
 - E2E Automation vLB & vFW w/ CDS Use Case - ONAP-01-Installation-Required Component (EI Alto)
 - E2E Automation vLB w/ CDS Use Case - ONAP-02-Design Time (EI Alto)
 - E2E Automation vLB w/ CDS Use Case - ONAP-03-Run Time- Video Demo (EI Alto)
 - CDS Runtime Swimlane Diagram (EI Alto)
 - Scale Out vLB w/CDS Use Case (EI Alto)
- vLB CDS Frankfurt
 - E2E Automation vLB w/CDS Use Case (Frankfurt)
 - E2E Automation vLB & vFW w/ CDS Use Case - ONAP-01-Installation-Required Component (Frankfurt)
 - E2E Automation vLB w/ CDS Use Case - ONAP-02-Design Time (Frankfurt)
 - E2E Automation vLB w/ CDS Use Case - ONAP-03-Run Time- Video Demo (Frankfurt)
 - Frankfurt CDS Runtime Swimlane Diagram (Frankfurt)
 - Scale Out vLB w/CDS Use Case (Frankfurt)
- vFW CDS Dublin
 - E2E Automation vFW w/CDS Use Case
 - E2E Automation vFW w/ CDS Use Case - ONAP-02-Design Time
 - E2E Automation vFW w/ CDS Use Case - ONAP-03-Run Time- Video Demo for vDNS CDS Dublin