Running the ONAP Demos

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 debuging

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/Measurement stats)** *(there is a swap of the vLB during onboarding that only affects the service icon - both vLB and vFW are layer 4)*	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)	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! 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 check progress by watching the dcae-controller "docker ps" - the collector instance is first to come up, pstg may take up to 24 min after container start and 48 min after VM start, cdap02 is last	20170718_racks..._dcae_720p.mov
1.1.0 Oct 2017	OOM Kubernetes on Rancher on EC2	20171015_onap_...ll_1of_720.mov 20171015_onap_...ll_2of_720.mov	20171015_onap...m_362_720.mov
1.0.0	OOM Kubernetes on Rancher on Openstack	Mike's presentation where the vFirewall comes up - ONAP Operations Manager Project#DemoVideo see min TDB OOM User Guide ONAP on Kubernetes	https://wiki.onap.org/download/attachments/13598723/zoom_0.mp4?version=1&modificationDate=1502986268000&api=v2

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	Step-by-step presentation that illustrates how to run closed-loop operations for the vFW use case. sdnc_preload_vfw.txt appc_mountpoint.txt	? Unknown Attachment

vfw_preload_beijing.txt

vpacketgen_preload_beijing.txt

vFW.zip

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

		vdns_scaling_preload_beijing.txt vlb_preload_beijing.txt	
Amsterdam Release	vCPE demo	Video that shows vCPE closed loop	? Unknown Attachment
Amsterdam Release Nov 2017 Alexis	vFirewall closed loop / Vanilla Openstack Private Cloud	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. SO-APIs.txt	? Unknown Attachment

service-Demo7vf...cl-template.yml

preload.txt

APP-C mount.txt

vFWCL_robot_heat.zip

OpenstackManager.py

service_mappings.py

		demo_preload.robot	
Amsterdam Release Nov 2017 Alexis	vLB/DNS closed loop / Vanilla Openstack Private Cloud	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. SO-APIs.txt preload.txt	? Unknown Attachment

		vLB-robot-heat.zip service-Demo13vlb-template.yml demo_preload.robot		

ONAP VF Templates

Release	Artifact	References	Description

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
R1.0.0 ***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) save | upload zip | proceed to validation | checkin | submit* *Onboard home | drop vendor software prod repo on "top right" | select, import vsp | create | icon | submit for testing* ***Distributing*** *as jm | start testing | accept* *as cs | sdc home | see firewall | add service | cat=l4, 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*

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 expept 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=l4, 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.simpledemo.onap.org:9090/