Tutorial: Verifying and Observing a deployed Service Instance

- vFirewall Demo Runtime Behaviour
 - vFirewall Flow
 - SDC Distribution Flow
 - Default Traffic Generator



Warning: Draft Content

This wiki is under construction

<<Add steps to observe closed loop control>>

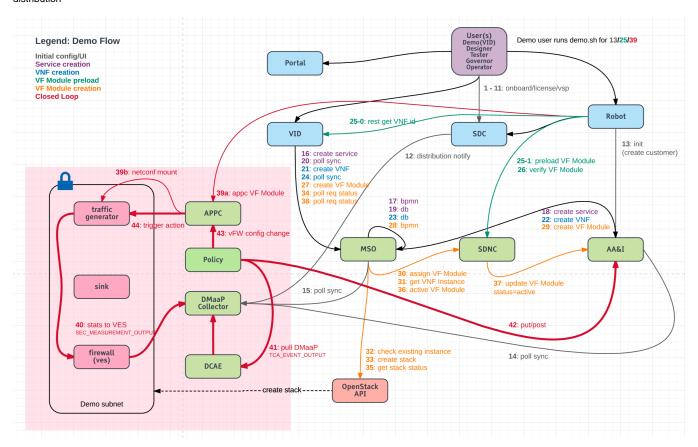
For version 1.0.0 - Start with the section at and below "__Closedloop for vFirewall demo:__" in https://nexus.onap.org/content/sites/raw/org.openecomp. demo/README.md For example when packet throughput drops below 300 or rises above 700 packets/sec.

vFirewall Demo Runtime Behaviour

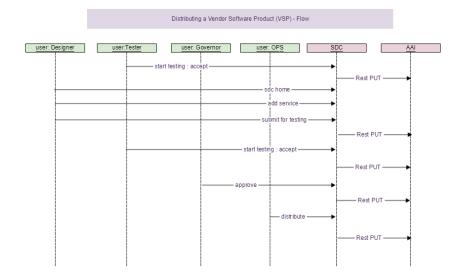
vFirewall Flow

see also Log Streaming Compliance and API#DeploymentDependencyTree-Containerlevel

TODO: part 12 SDC distribution is missing AAI calls and needs a reverify - while robot 13+ are ok, we are not accounting for manual SDC based distribution



SDC Distribution Flow



TODO: expand on 43: policy to appc, also reverify 41 pull TCA

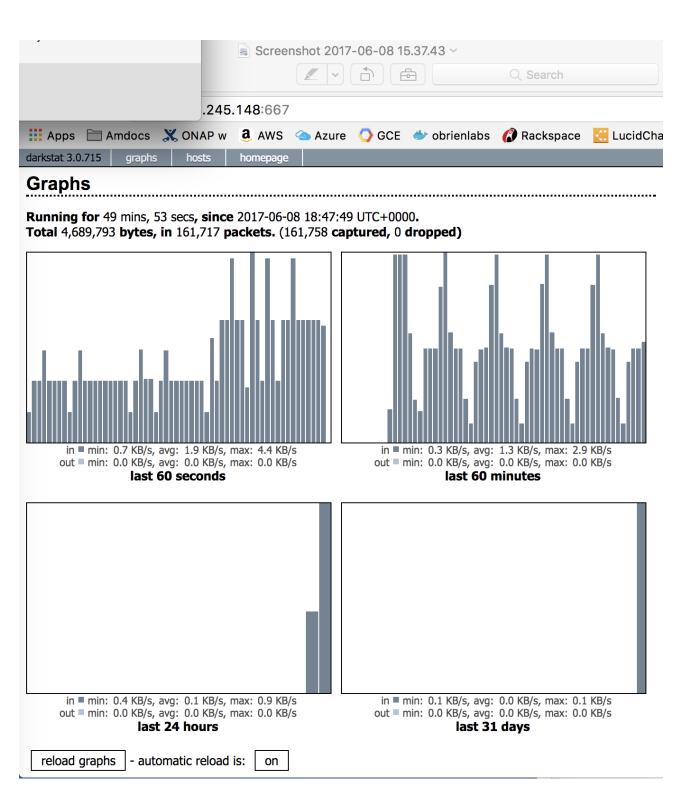
Default Traffic Generator

The following default traffic should be observed out of the box on the PGN vm of the vFW demo after "./demo.sh appc DemoModule" was run.

Verify network traffic by getting your eth interface name and running tcpdump on it

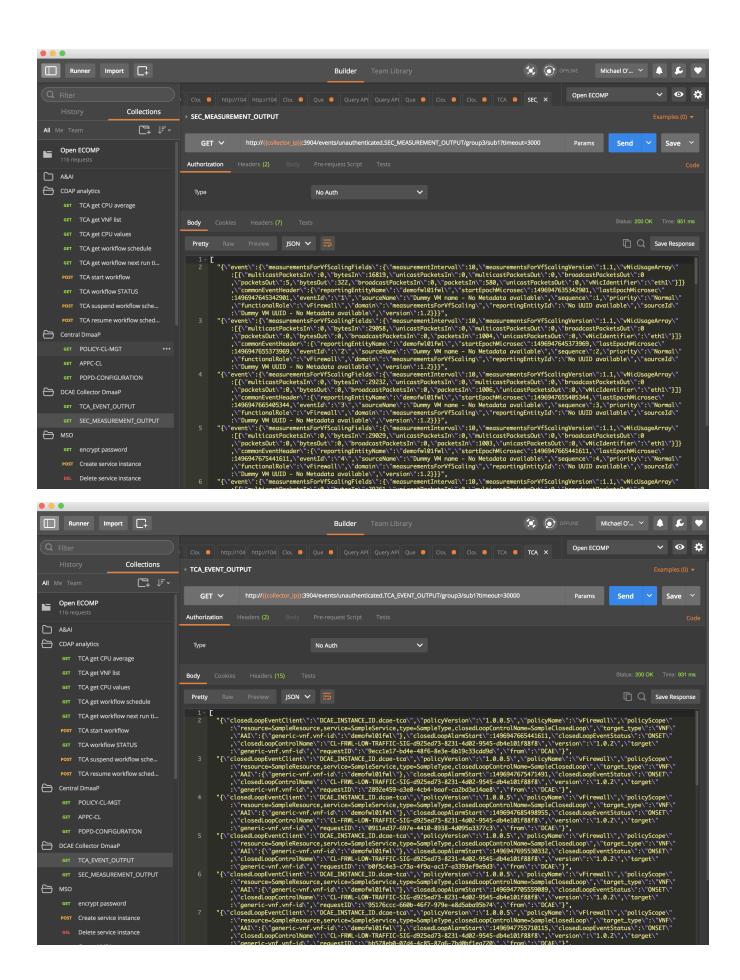
ifconfig sudo tcpdump -i <ifname>

How many of the 10 TG streams is running is TBD?

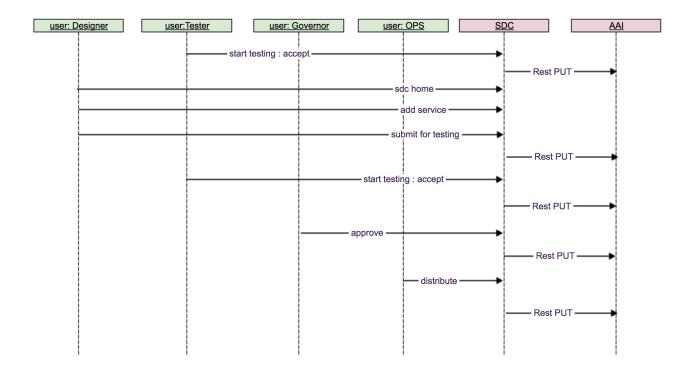


TBD: the exact nature of what enabling 5 of the 10 TGs is?

TBD: what exactly is the correlation between the SEC_MEASUREMENT_OUTPUT and TCA_EVENT_OUTPUT (Threshold crossing action) - like a PK to relate them?



Distributing a Vendor Software Product (VSP) - Flow



http://onap.readthedocs.io/en/latest/submodules/dcaegen2.git/docs/sections/installation.html