

SDC Sanity

Introduction

SDC sanity Docker is a part of our system and its aim is to create a suite of tests that will perform a basic E2E flow (Onboarding).

Docker execution

Sanity Docker executed as part of our Docker run script and will be started on demand as part of other Dockers init process.

Executing example:

```
/data/scripts/docker_run.sh -r 1.1-stagging-latest -t
```

-t flag meaning start sanity docker

About onboarding E2E flow:

Onboarding E2E flow cover following SDC functionality:

- Onboard of VNF
- Create VF from VSP
- Certify VF
- Create Service
- Add VF to service
- Certify Service
- Export TOSCA and validate its structure using external TOSCA parser

**as part of execution we open a connection to Titan and perform resources clean up both before and after tests execution (only resource with "ci" prefix will be deleted from the catalog)

List of VNFs/PNFs that proceed by onboarding flow:

- sample-signed-pnf-cms-includes-cert-1.0.1-SNAPSHOT.zip
- sample-signed-pnf-1.0.1-SNAPSHOT.zip
- sample-pnf-1.0.1-SNAPSHOT.csar
- sample-pnf-custom-type.csar
- vbng.zip
- vgmux.zip
- vfw.zip
- vvg.zip
- base_vvg.zip
- vLBMS.zip
- vgw.zip
- infra.zip
- vLB.zip
- base_vfw.zip
- vbrgemu.zip
- resource-ZteEpcMmeVf-csar_fix.csar
- ZteEpcMmeVf.csa
- Huawei_vHSS.csar
- vSBC_update_v03.csar
- Huawei_vMME.csar
- vsp-vgw.csar
- database-substitution-mappings.csar

Execution time:

Current tests execution time is ~7min – this includes onboarding of 22 VNF/PNF running in 1 thread

Report location:

```
/data/logs/sdc-api-tests/ExtentReport/  
/data/logs/sdc-ui-tests/ExtentReport/
```

Report example:

Status

Category

Dashboard

Search

Tests

onboardVNFSHotFlow 2016-017_vixia_ixla_30_1607_e2e.zip

Sep 26, 2017 02:36:09 PM

Pass

onboardVNFSHotFlow 2016-017_vixia_ixlt_30_1607_e2e.zip

Sep 26, 2017 02:36:09 PM

Pass

onboardVNFSHotFlow 2016-042_vmsp_pxm_30_1607_e2e.zip

Sep 26, 2017 02:36:09 PM

Pass

onboardVNFSHotFlow 2016-017_vixia_ixla_30_1607_e2e.zip

Sep 26, 2017 02:36:09 PM Sep 26, 2017 02:37:10 PM 0h 1m 1s 241ms

sanity-Onboard

Status	Timestamp	Details
🕒	2:36:09 PM	Going to onboard the VNF 2016-017_vixia_ixla_30_1607_e2e.zip
🕒	2:36:09 PM	Create Vendor License
🕒	2:36:09 PM	Starting to create the vendor license
🕒	2:36:12 PM	Succeeded in creating the vendor license
🕒	2:36:12 PM	Create Vendor Software Product
🕒	2:36:12 PM	Starting to create the vendor software product
🕒	2:36:34 PM	Succeeded in creating the vendor software product
🕒	2:36:34 PM	Create VF clVFOonboarded-2016-017_vixia_ixla_30_1607-40622d19 From VSP
🕒	2:36:43 PM	Certify VF
🕒	2:36:51 PM	Create Service clService04faef0b7f4b
🕒	2:36:54 PM	add VF to Service
🕒	2:36:58 PM	Certify Service
🕒	2:37:10 PM	The onboarding 2016-017_vixia_ixla_30_1607_e2e.zip test is passed !
✅	2:37:10 PM	Test Result : Success

CSIT:

SDC plans to leverage our internal sanity docker as part of the CSframeworkork. we will be executing the docker from the CSIT and storing the results

Future inchantments:

- SDC plans to add ui testing capabilities to our sanity docker by changing the docker os and adding Selenium. The UI testing will leverage the exciting java selenium test already available in the SDC code base.

SDC-384 - Add UI testing capabilities to the SDC sanity docker CLOSED
- SDC plans to change the flow of the tests so that the test input will be dynamically retrieved from the vnf repo instead of placing the input in the docker itself, this way we will be able to re execute the test with updated inputs without creating a new Docker image..



SDC-385 - Jira project doesn't exist or you don't have permission to view it.