


SMO CSAR Package Validation Verification

This workflow examines the SMO CSAR package validating tool that provides the testers and DevOps engineers to validate the TOSCA version, CSAR version and verify if the yaml file exists in the directory and the entry definition contents of yaml file.


Demo Video

Your browser does not support the HTML5 video element

Delivery Status

 **DO NOT EDIT**
Only the Integration PTL should edit the delivery status table to track the release validation progress

		OTF	OAM	NONRTRIC	RICP	RICAPP	O-DU	O-CU	Test Result	Notes
Deployment Artifacts	Docker Container									SMO only provides source codes for this tool
	Helm Charts									SMO only provides source codes for this tool
	Deployment scripts		N/A							SMO only provides source codes for this tool
E2E Flows	Tosca-csar-ver-vnf-vsn.csar									
	Tosca-ver-vnf-vsn.csar									
	ns-vsn.csar									
	vnf-vsn.csar									
	yaml-error-vnf-vsn.csar									
	yaml-file-error-vnf-vsn.csar									
	3rd-party csar package									

 **Limited SMO deliverables**
* As a new project, the SMO project delivers multiple tools that have not been integrated into a unified platform in the Cherry release. Therefore, helm charts and deployment scripts are not provided yet.

Usage from sources

```
Git clone https://gerrit.o-ran-sc.org/r/smo/app.git

Script path: ./tools/oran-pkg-validation

Tool file contents:

main.py
csar.py
Toscameta.py
utlis.py

Usage:

python3 main.py <validate function> -d <destination> [--no-verify-cert] <source>

<source> : source directory where the csar package zip file exists.
<destination> : destination directory to unzip the csar contents.
[--no-verify-cert] : Optional parameter.

example:

python3 main.py csar-validate -d /tmp/ [--no-verify-cert] CSAR-dest/vnf-vsn.csar

The ORAN CSAR package validation code leverages from vnfsdk CSAR pkg code with modification.
```