2022-06-14 - 5G SBP: ORAN SMO Package - Combining multiple open sources into an E2E package

Topic Leader(s)

- Christophe Closset
- Gervais-Martial Ngueko
- Sébastien Determe in remote

Topic Description

60m

Demonstrate the work that has been done in the ORAN SC community to create an E2E package that spans across multiple community projects (ORAN, ONAP,...) in order to create a workable environment to deploy the ORAN SMO using ONAP components

Topic Overview

This presentation will first focus on the detailled design of a combined package deployement and try to provide insights on why and how this was create,

Then we will perform a live demo using UNH lab demonstrating the deployment and auto testing of the ORAN interfaces (O1 and A1)

Eventually, we will talk about our vision to evolve this as a 5G SuperBlue Print reference deployment

A 10-15min slot will be foreseen at the end for Q&A, comments, ideas...

NOTE : Martial and Christophe are flying back on Thursday afternoon, so please schedule this on Mon or Tue or Wed.

Slides & Recording

> ⓘ **YouTube**
>
> Please indicate your session type in the blank space below and then remove this Info field.
>
> - Demo / Informational (non-interactive)
>   - You may be asked to pre-record this session which will be made available on-demand.
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Recording + Demo : smo-package_dtf_porto_june-2022.mp4

Slides : LFN DDF Porto - 5G SBP ORAN SMO Package_v5.pdf

Agenda

ORAN SMO Package - Could this be a first step to 5G Superblueprint Reference deployment ?

- Technical Presentation
- Live Demo
- Q&A

Minutes

- Live Demo demonstrating a self-contained '5G Super Blueprint' setup that can start and test a 'reference' ORAN SMO package based on ONAP Jakarta release, O-RAN Simulators and more !
- Proposal for Small & Medium Flavors
- Feedback from discussions with ORAN SC, in alignment with ORAN SC Technical Community
- High level view SMO deployment strategy
- Share the three iterative implemented phases

Action Items

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