

2022-06-DD - ONAP: CNF Orchestration Scenarios

Topic Leader(s)

- [Lukasz Rajewski](#)
- [Seshu Kumar Mudiganti](#)

Topic Description

60m, [Lukasz Rajewski](#)

The session will focus on the presentation of the latest status of CNFO implementation in ONAP with the aim to show different operation scenarios where particular available CNFO features may be used. In the end, you should have a better understanding of how ONAP and CNFO can be used for that purpose.

Topic Overview

The Jakarta release brings further enhancements to CNF ORchestration. This time the session will not focus on the demo of the functionality or the description of the changes introduced in the Jakarta release. Instead, we will try to present different orchestration scenarios and the CNF Orchestration process, in general, to understand how the overall mechanism can be adopted for various CNF orchestration scenarios. How to start the development of your own CNF onboarding package? How to deploy CNFs in order or synchronize their deployment? How to perform Day 2 operations on CNF? How to migrate CNF into another cluster or k8s namespace? How to upgrade or scale CNF? How to fetch information about the CNF's deployed resources? This and a few other examples should show a variety of available already functions of CNFO.

Slides & Recording



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- Demo / Informational (non-interactive)
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- Live Interactive Session

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Demo / Informational (with potentially few recordings)



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Agenda

1. Overview of the CNFO Implementation so far
2. CNFO Changes for Jakarta

- a. AAI Synch improvements
 - b. Helm Upgrade functionality
 - c. API changes in k8splugin
- 3. CNF Orchestration Scenarios
 - a. Service design patterns for CNFs
 - b. CNF vs PNF Synchronization
 - c. CNF Deployment coordination
 - d. SO Macro flow vs embedded Day0/1/2 CDS features for CNFs
 - e. VNF-Macro-Flow for Day-2 workflows
 - f. CNF Scaling On-Demand
 - g. CNF-Upgrade Options
 - h. CNF Migration
 - i. AAI k8s-resource vs Prometheus metrics
 - j. Deployment into (public) clouds.
- 4. CNFO Community Use Cases
- 5. K8S & Helm Requirements
- 6. Future plans

Minutes

Action Items

