

# 2022-01-13 - EMCO: VNF life cycle management with EMCO and Kubevirt

## Topic Leader(s)

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## Topic Description

30m

10:30am ET

Earlier version of EMCO was only able to do the life cycle management of network services with CNFs and CNAs (Cloud native applications). Kubernetes community started to support VNFs and VM based Application using few projects such as Kubevirt. In this session, we will present our experience in deploying CGNAT VNFs on multiple K8s clusters with EMCO. As part of this, EMCO team helped by developing few enhancements in EMCO.

See Agenda herein for more detail on this session.

## Topic Overview

## Slides & Recording



YouTube

Informational



VNF Life Cycle M...and KubeVirt.pdf



Lifecycle manag...nd Kubevirt.mp4

## Agenda

Earlier version of EMCO was only able to do the life cycle management of network services with CNFs and CNAs (Cloud native applications). Kubernetes community started to support VNFs and VM based Application using few projects such as Kubevirt. In this session, we will present our experience in deploying CGNAT VNFs on multiple K8s clusters with EMCO. As part of this, EMCO team helped by developing few enhancements in EMCO. In this session, we will present

- Overview kubevirt
- Differences between container deployments and VNF deployment resources.
- Overview of CGNAT
- Our experience and lessons learnt in converting Heat templates of CGNAT to helm templates.
- How we have used EMCO and how we have used GAC (Generic Action Controller)
- Changes made to EMCO - Mainly in terms of monitoring VNF deployments.

## Minutes

### Action Items

