

# 2023-11 - Nephio: E2E Nephio R1 workload orchestration

## Short Description

30m / [Vikas Kumar Sandeep Sharma](#)  
E2E workload+Infrastructure orchestration with Nephio R1.


Nephio automates infrastructure, workload, and workload configuration lifecycle management. In this session we'll get hands on with Nephio by provisioning a bare-metal server and Kubernetes cluster setup for intent actuation, then deploy xNFs with day 0 configuration on the provisioned Kubernetes clusters. A graphical interface enables users to specify high-level network topology intent and take advantage of new Nephio R1 features including package specialization controllers, free5gc operator, and package orchestration controller.

## Topic Overview

## Session Type

X	Interactive technical presentation and/or capability demo
	Pre-Recorded technical presentation and/or capability demo
	Live / hands-on technical training
	Community process, governance or collaboration development
	Real-time troubleshooting, bug-scrub or similar
	Other (please describe)

## Slides & Recording

 **YouTube**  
Following the event session recordings may be uploaded to [our YouTube Channel](#) at the full discretion of LFN staff.

  
E2E Nephio R1 w...chestration.pdf



video1935150134.mp4

Notes From Session (as appropriate)

Action Items (as appropriate)

