

2023-02 - Nephio: Infrastructure Automation

Topic Leader(s)

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Topic Description

30 min, [Sandeep Sharma](#)

In this topic, we will go over Infrastructure orchestration and management by specifying simple intents using the Nephio platform.

Topic Overview

Nephio is an intent-driven cloud-native automation platform which can automate the Infrastructure, workload and day N configuration of the workloads.

In this topic, we will explore how Nephio can be used to perform the following,

- Create Kubernetes clusters in the cloud provider platform of your choice.
- Specify basic properties of the cluster like regions/zones, cluster size, etc., using high-level intent.
- Continuous reconciliation of the Infrastructure intent specified by the user.
- Preparation of the cluster for workload automation.

Slides & Recording



Agenda

Awesome presentation

- Infrastructure automation using Nephio
- Cluster preparation for workload automation.