

Overview

Zero-Touch Automation

Completely automate the management processes, reduce the deployment and operational time and costs while increasing the traceability, consistency and scalability.

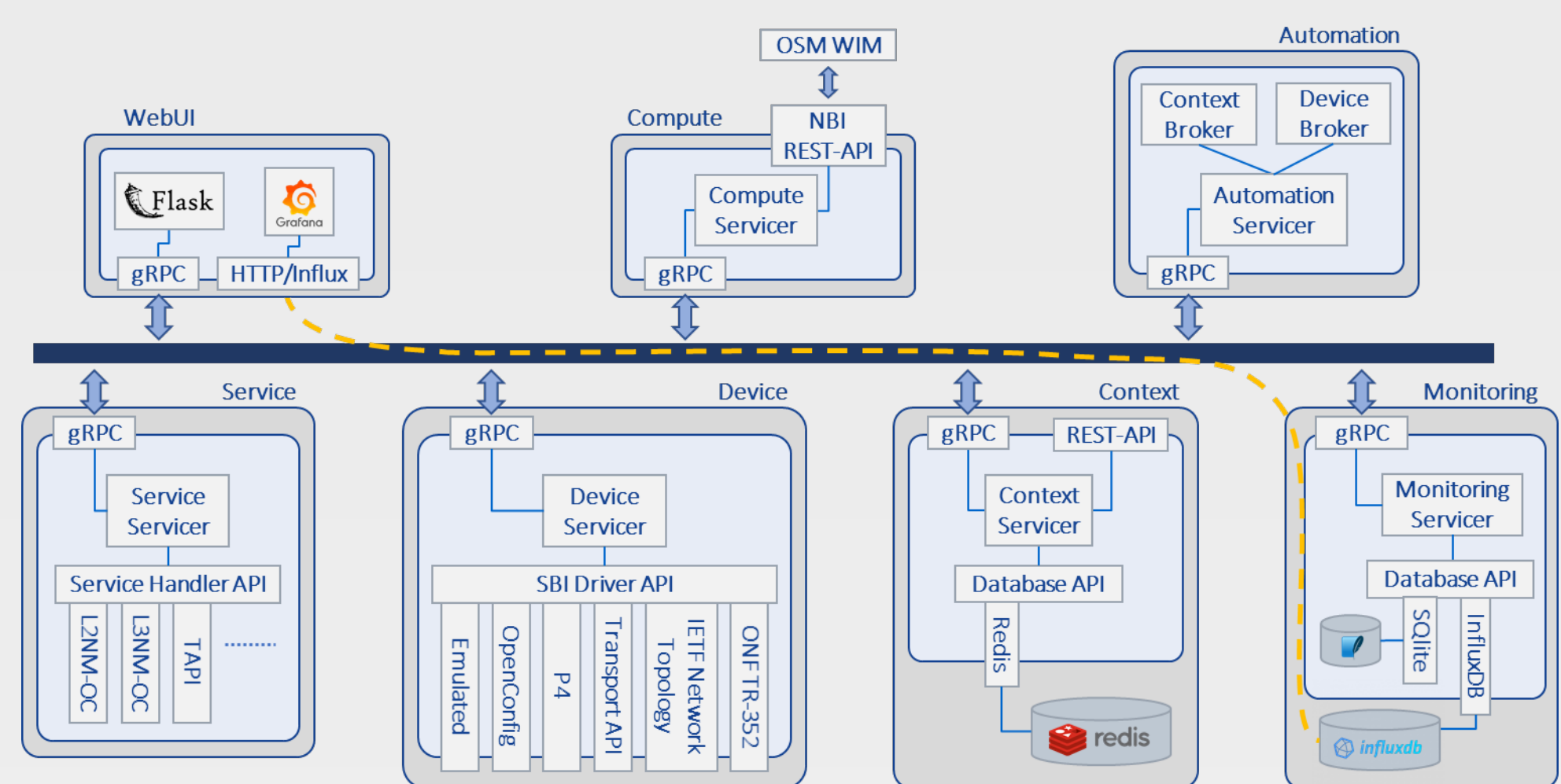
Software-Defined Network (SDN) controllers

De-facto solution to manage the access, transport, and cloud network segments. Monolithic software is limited in terms of scalability, flexibility, availability, etc.

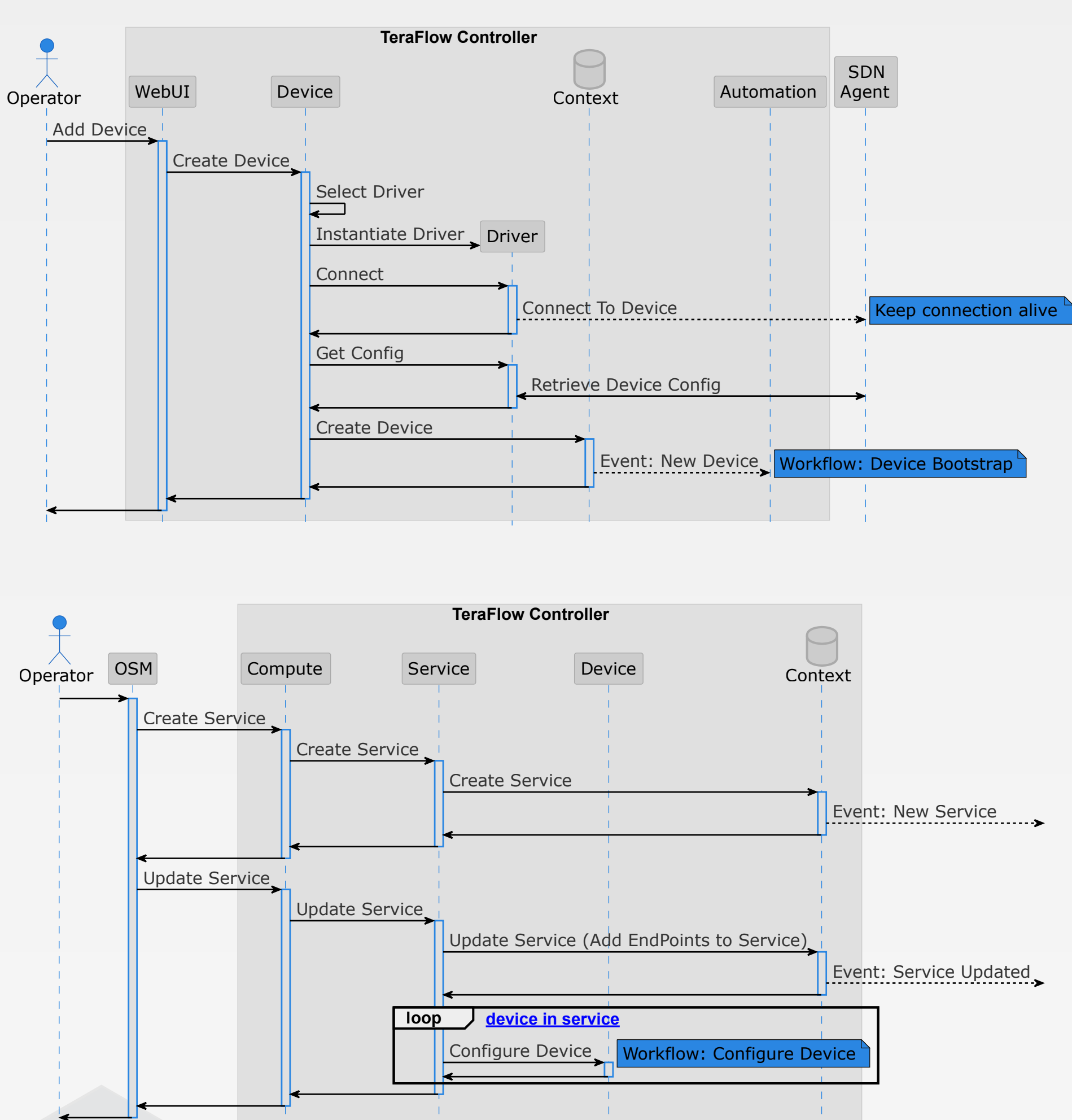
Our demo

Showcases a proof-of-concept of TeraFlow OS, an open-source, carrier-grade, cloud native SDN controller.

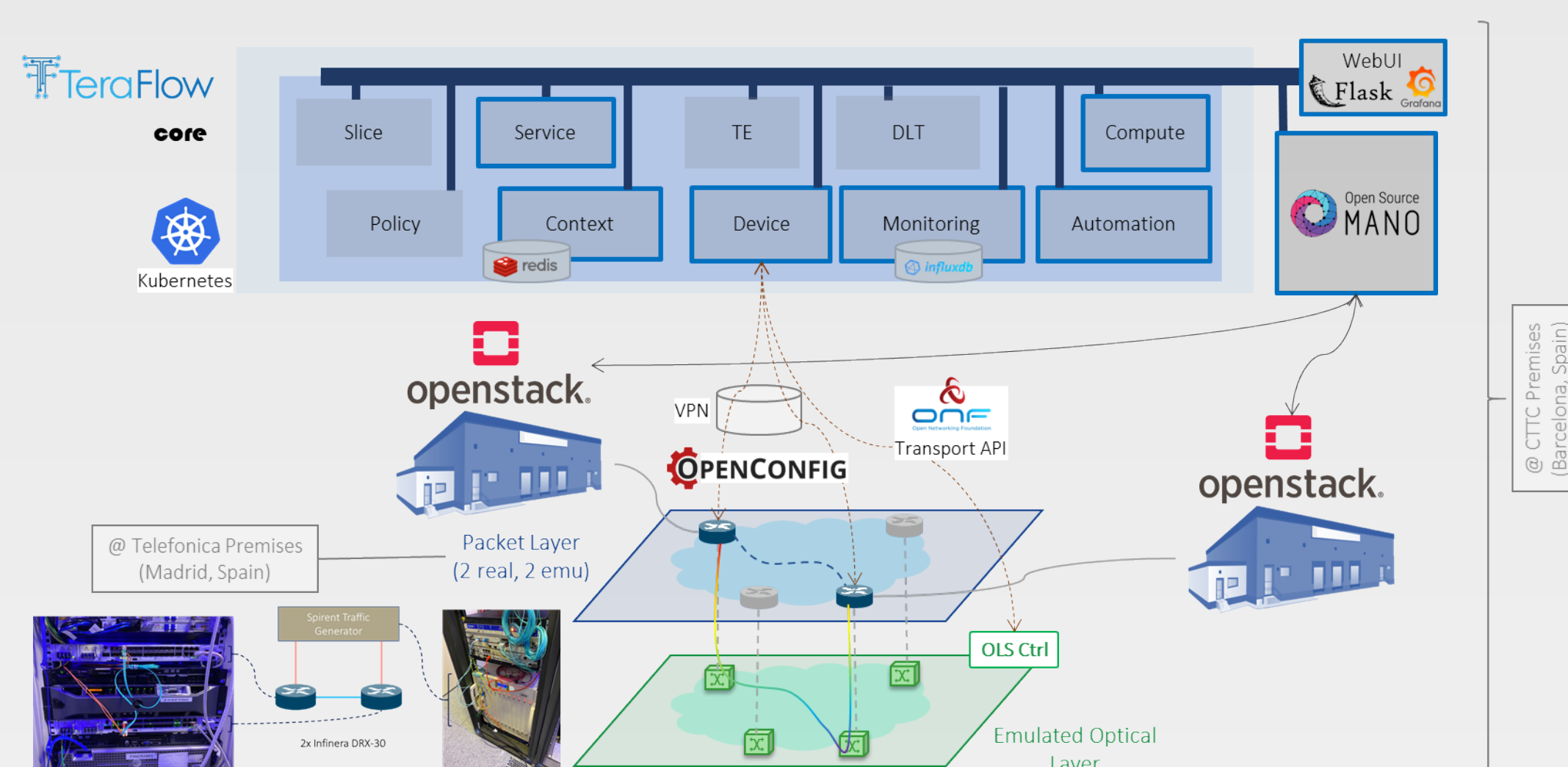
Internal architecture



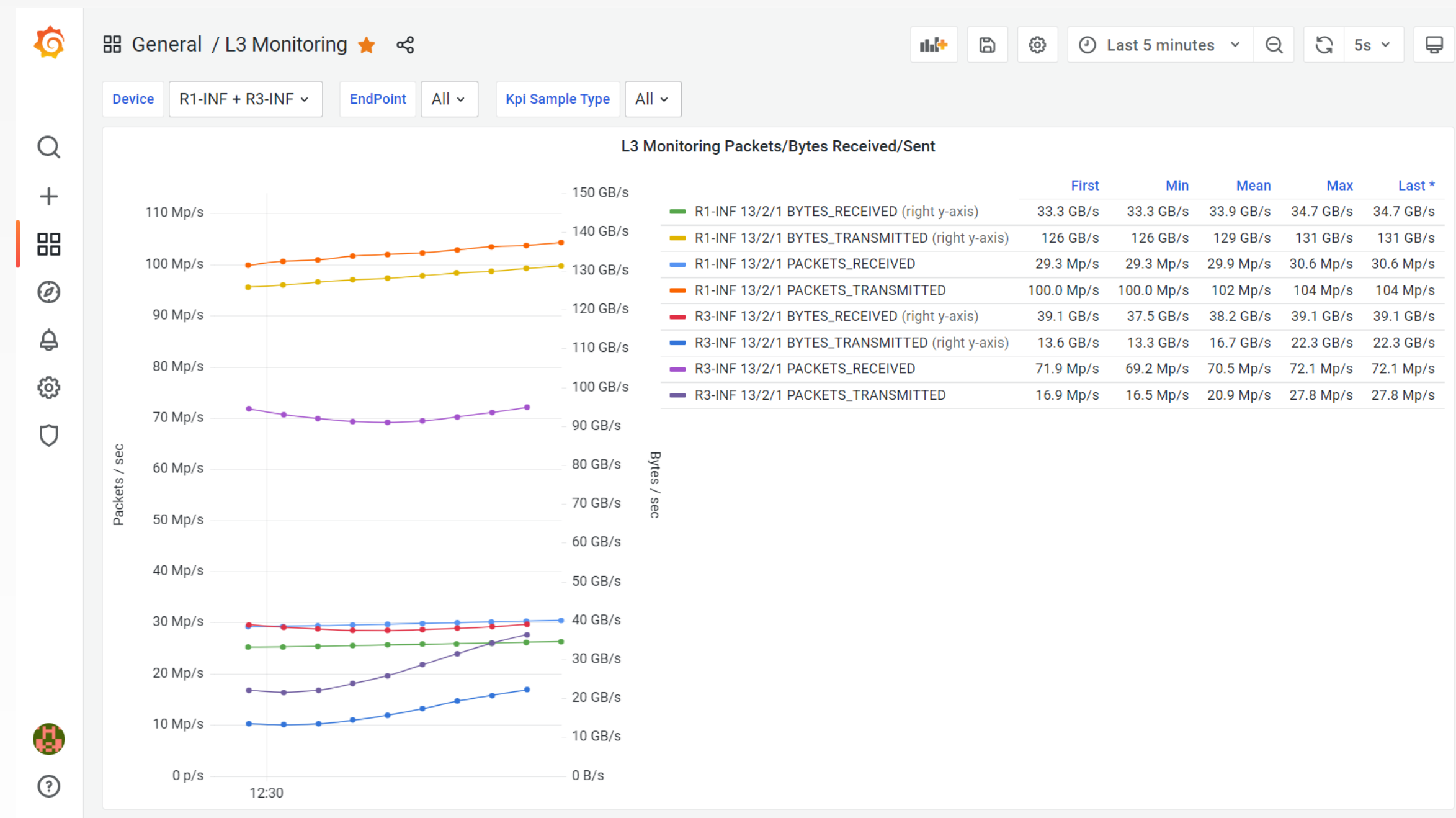
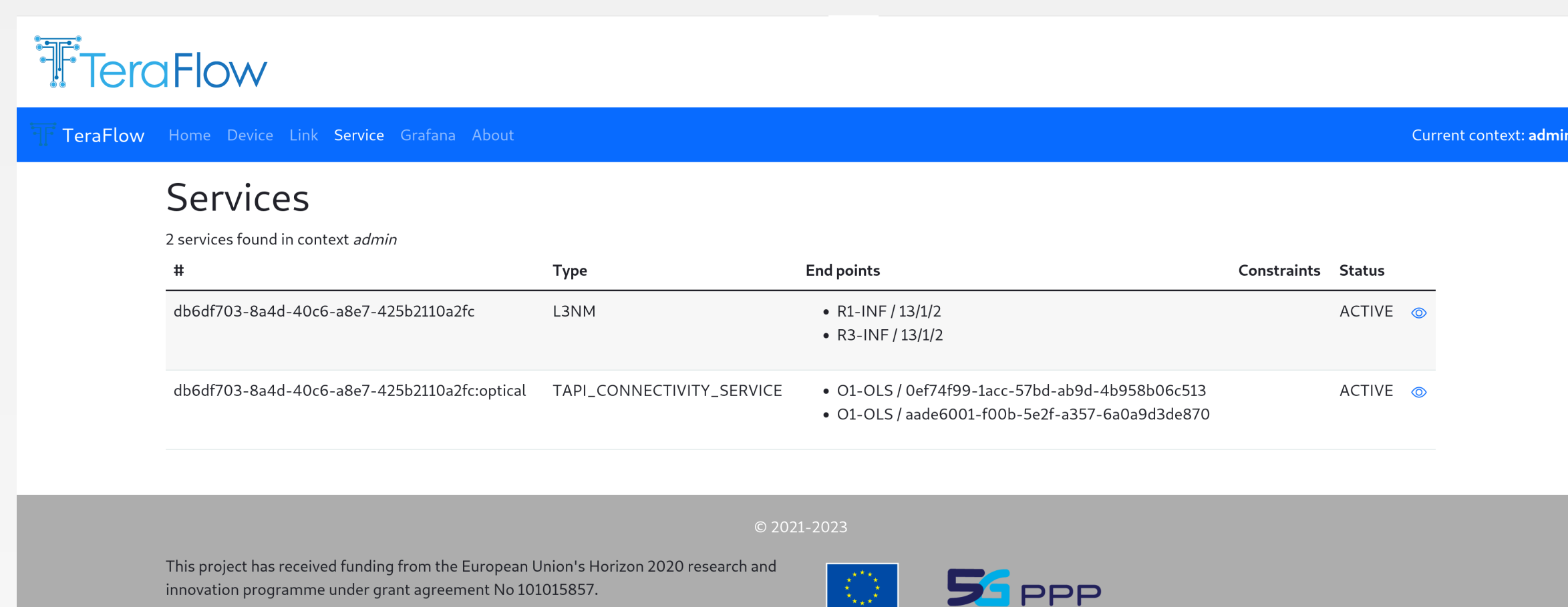
Workflows



Deployment



Visualization and User Interface



Conclusion

Cloud native is a promising architecture for network control and management. We demonstrate how to develop and integrate a cloud native SDN controller.

Try the demo yourself by cloning us on [GitHub](https://github.com/teraflow-h2020/controller)

The project in this demonstration is available as open source. Check us out at: <https://github.com/teraflow-h2020/controller>