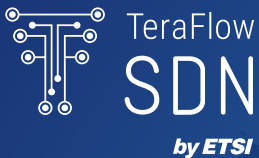


ETSI OSG TeraFlowSDN (TFS)

About



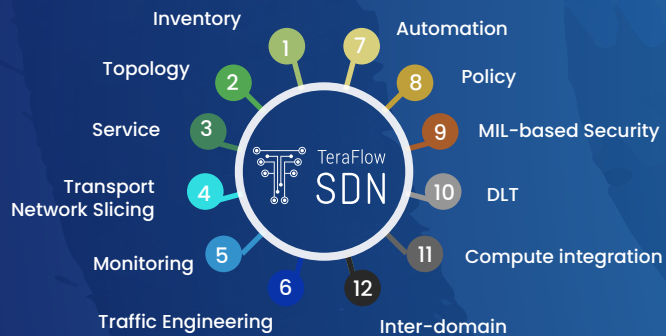
The ETSI Open Source Group for TeraFlowSDN (OSG TFS) is developing an open source cloud native SDN controller enabling smart connectivity services for future networks beyond 5G.





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SECURED AUTONOMIC TRAFFIC MANAGEMENT FOR A TERA OF SDN FLOWS

Requirements



[teraflow-h2020](#) 
[TeraFlow_h2020](#) 
[TeraFlow H2020](#) 
[teraflow-h2020.eu](#) 

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101015857



Objectives



Our main objective is the creation of a novel SDN controller for beyond 5G networks.

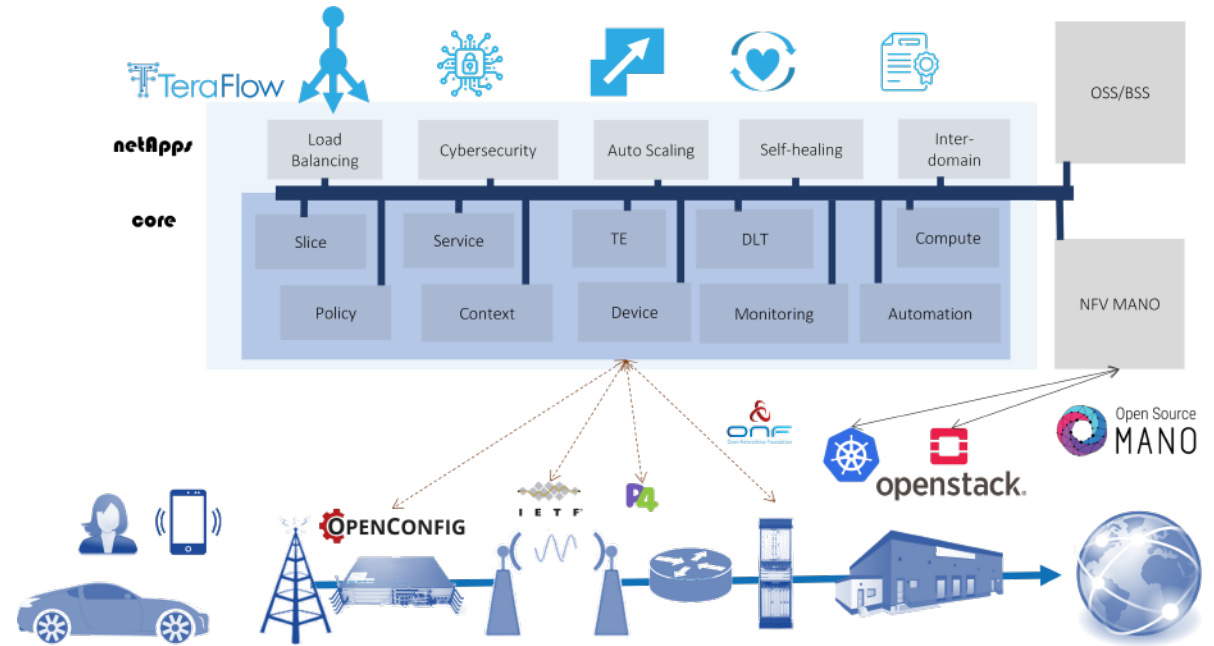


This new SDN controller shall be able to integrate with current NFV and MEC frameworks as well as to provide revolutionary features for both flow management (service layer), and network equipment integration (infrastructure layer), while incorporating ML-based security and PDL-based forensic evidence for multi-tenancy.



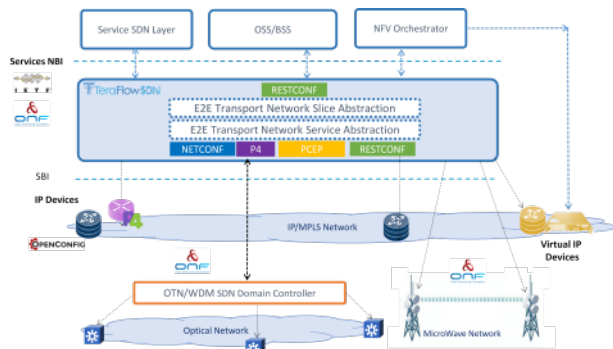
The TeraFlow OS will be the first of a new type of secured cloud-native SDN controllers that will radically advance the SoA in software-defined networks.

Architecture

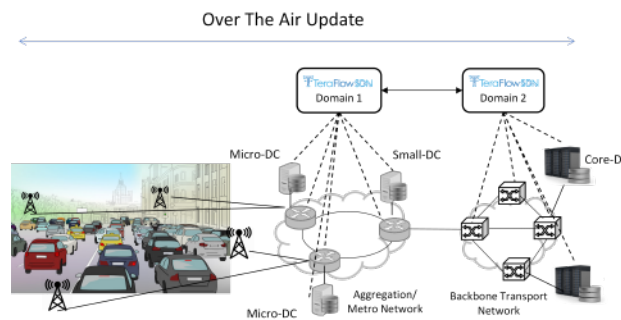


Three scenarios of applicability

Autonomous network beyond 5G



Inter-domain



Cybersecurity

