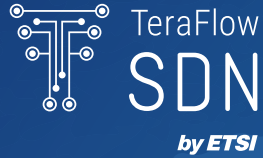


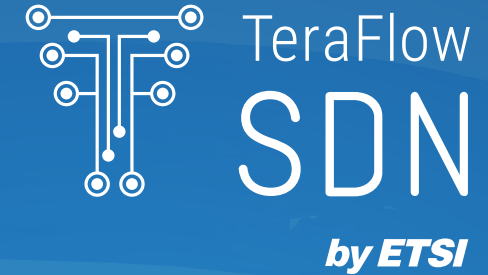
ETSI TeraFlowSDN (OSG TFS)



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.

Join us @ tfs.etsi.org


About



SECURED AUTONOMIC
TRAFFIC MANAGEMENT FOR A TERA OF
SDN FLOWS

Use cases

- Inventory
- Topology
- Context
- SBI (Formerly Device)
- Services
- Forecaster
- Monitoring
- Traffic Engineering
- Path Computation
- Automation
- Policy
- Transport Network Slicing
- Centralized Attack Detector
- Distributed Attack Detector
- Attack Inference
- Attack Mitigator
- NBI (Including the former Compute)
- Web User Interface
- Inter-Domain

teraflowsdn 
TeraFlowSDN 
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Objectives



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



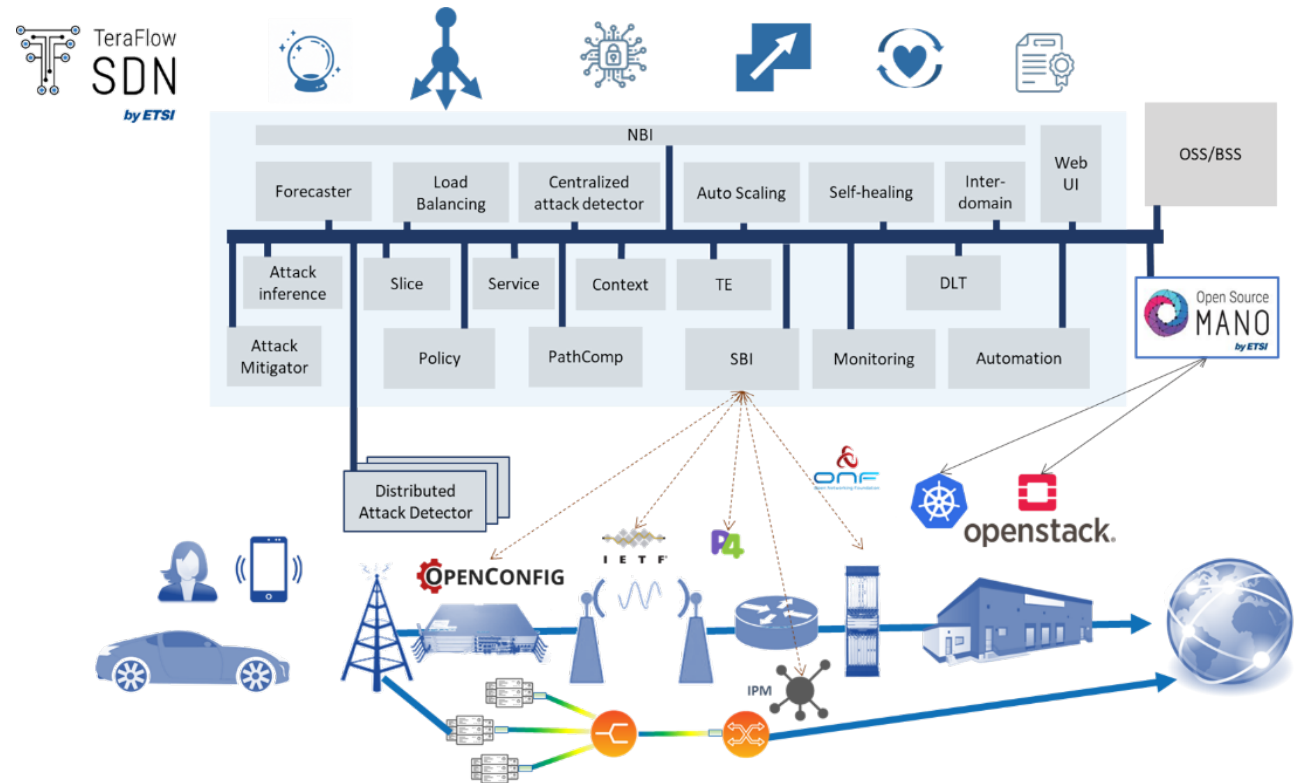
This new SDN controller will be able to integrate with current NFV and MEC frameworks as well as provide revolutionary features for both flow management (service layer), and optical/microwave network equipment integration (infrastructure layer), while incorporating security using ML and forensic evidence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



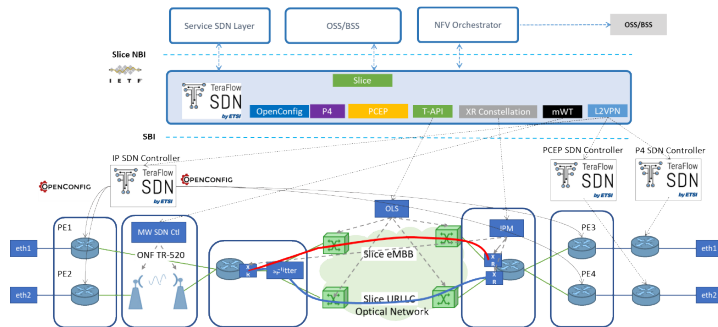
The TeraFlowSDN will be the first of a new type of secured cloud-native SDN controllers that will radically advance the SoA in software-defined networks.

Three scenarios of applicability

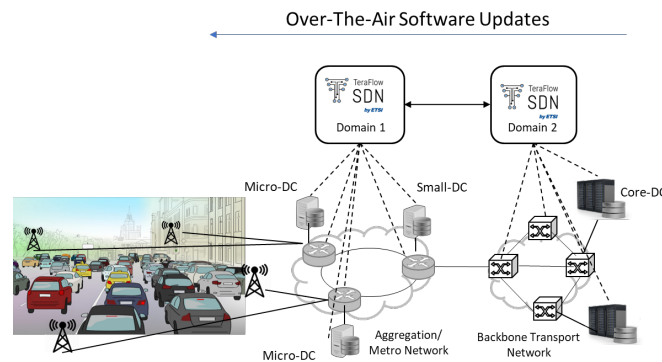
Architecture



Autonomous network beyond 5G



Inter-domain



Cybersecurity

