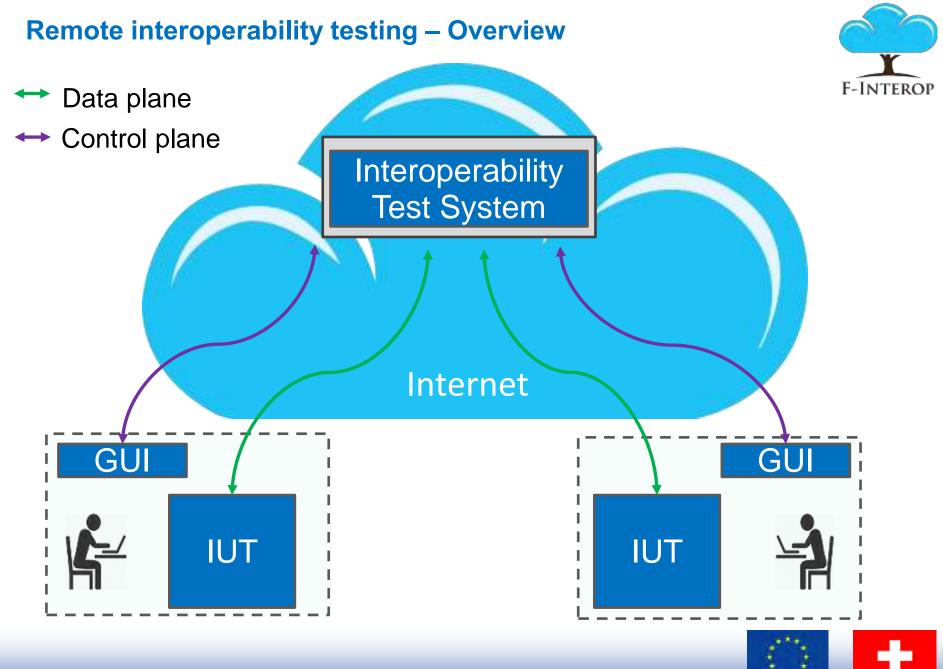




Live Demos and Open Call EUCNC, Athens, June 27-30

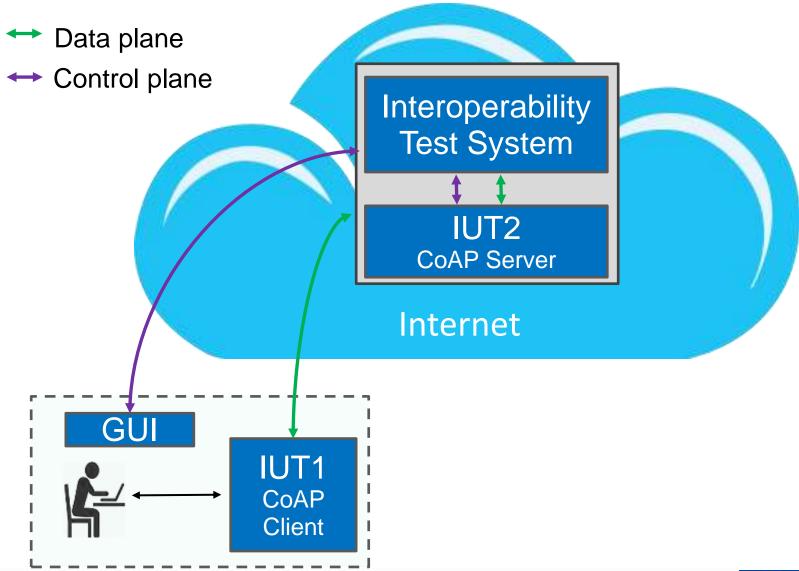






Remote interoperability testing – Demo Use Case



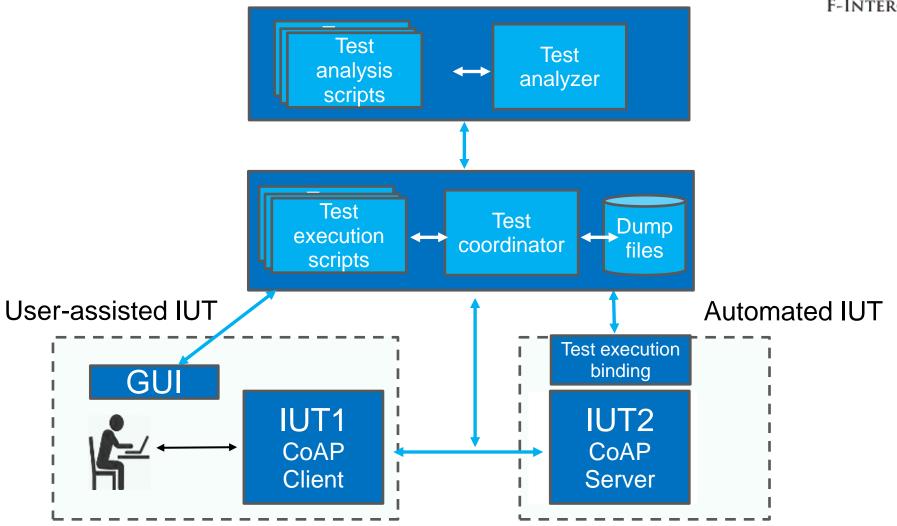






CoAP remote interoperability testing – Main Components

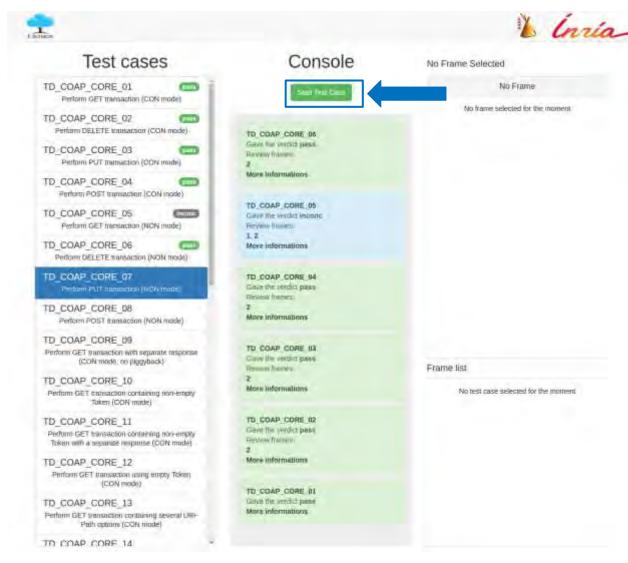










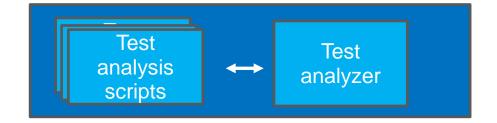


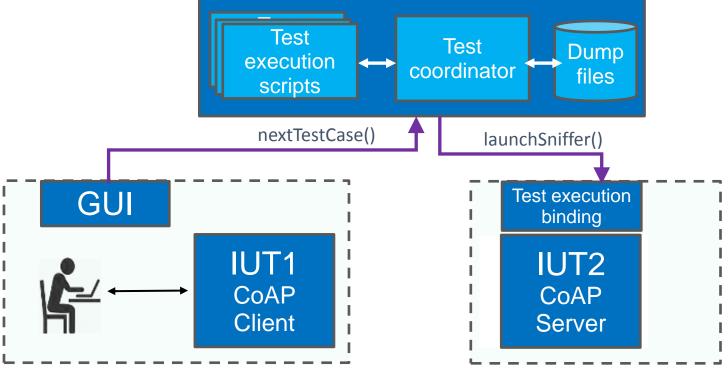






- Data plane
- Control plane



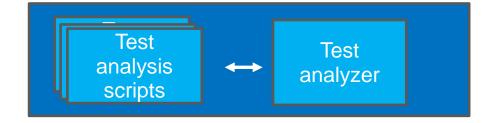


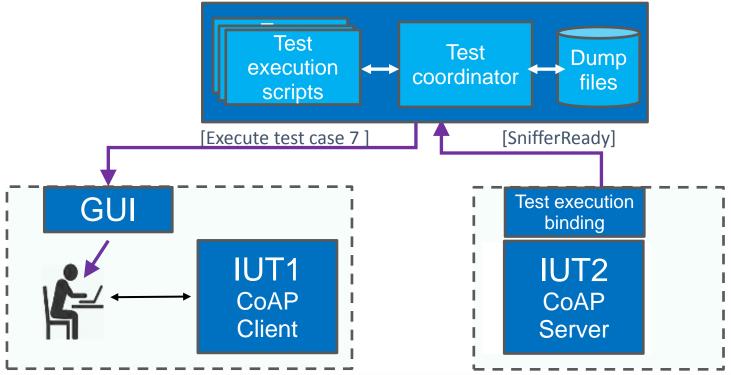






- Data plane
- Control plane



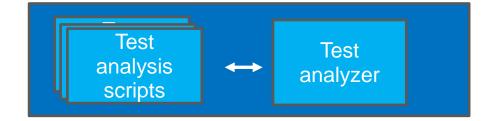


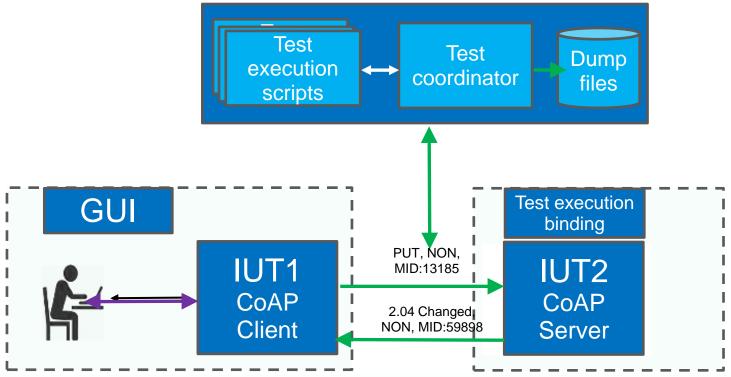






- Data plane
- Control plane

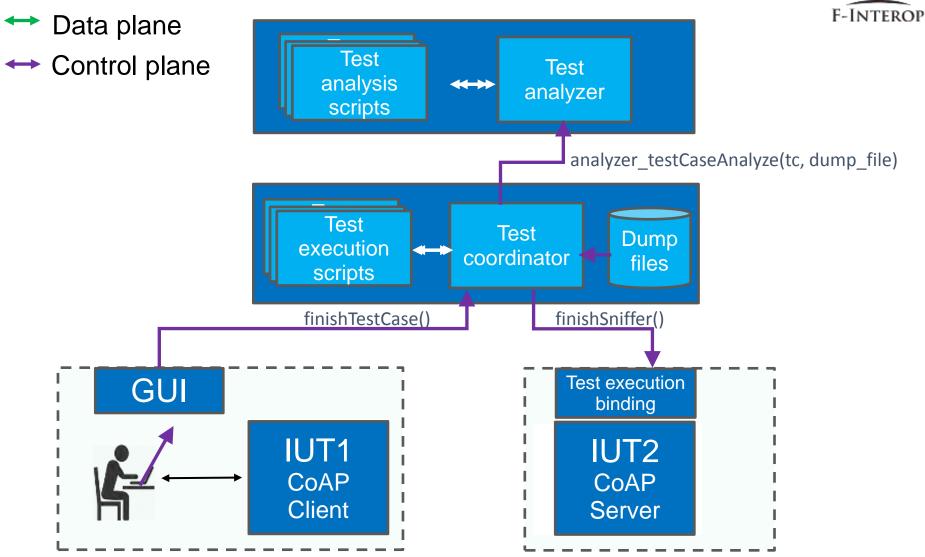








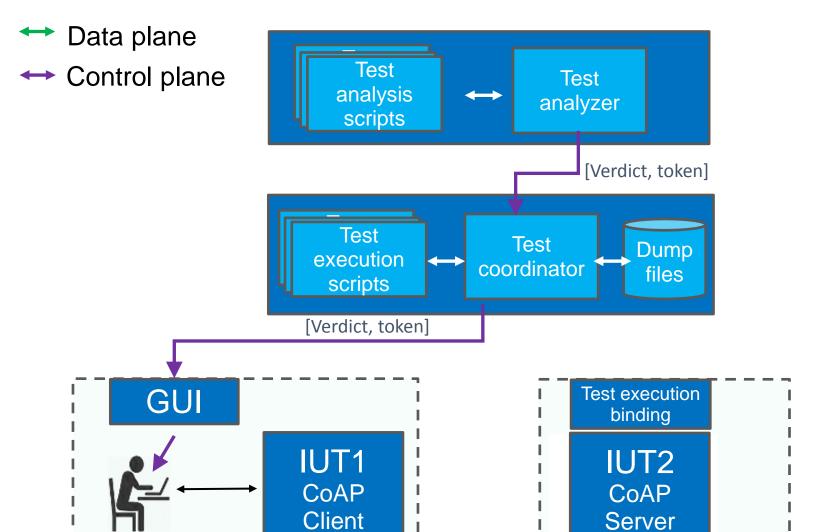










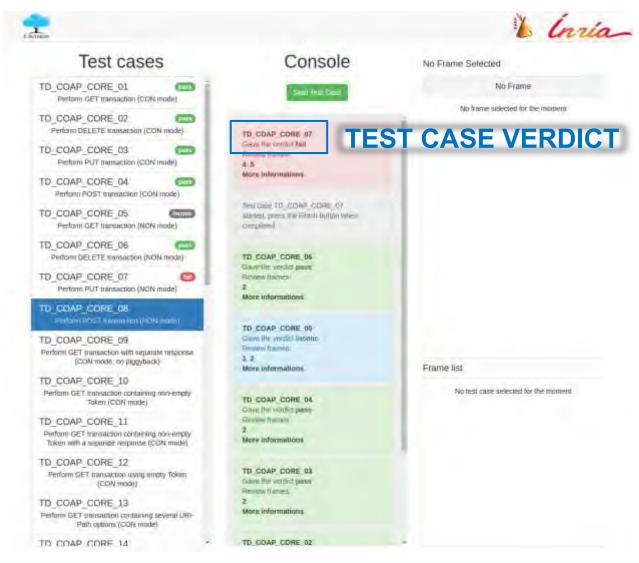






CoAP remote interoperability testing – Verdicts

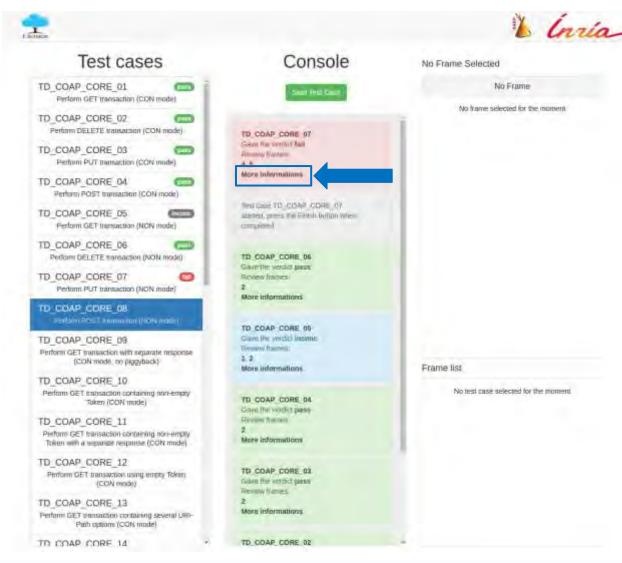








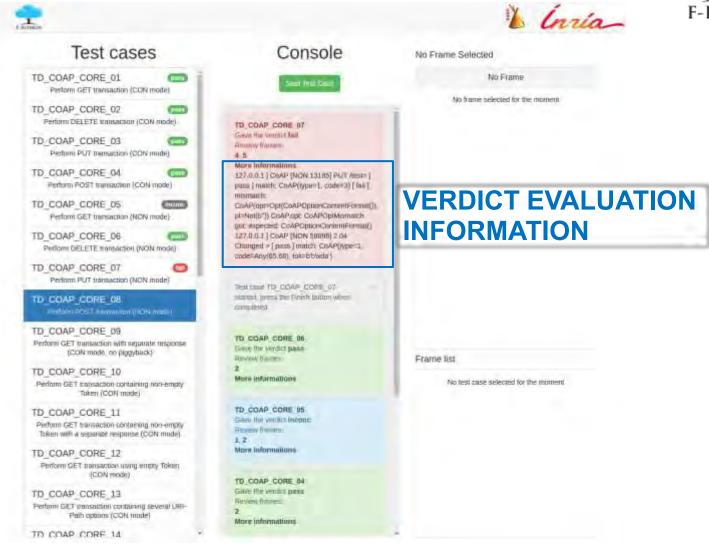








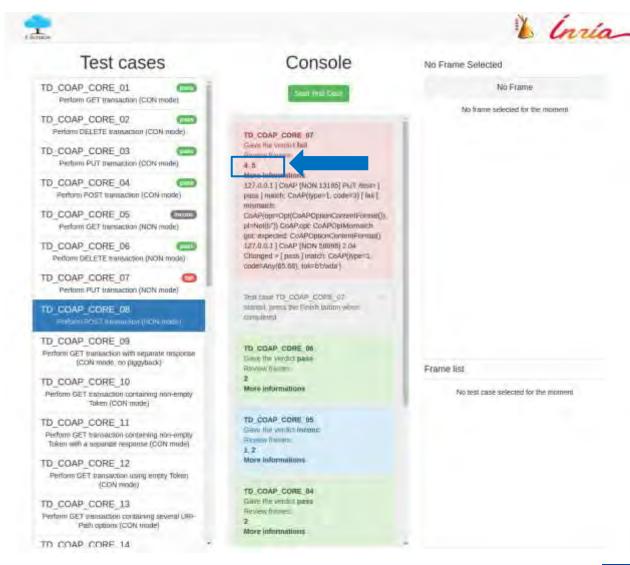








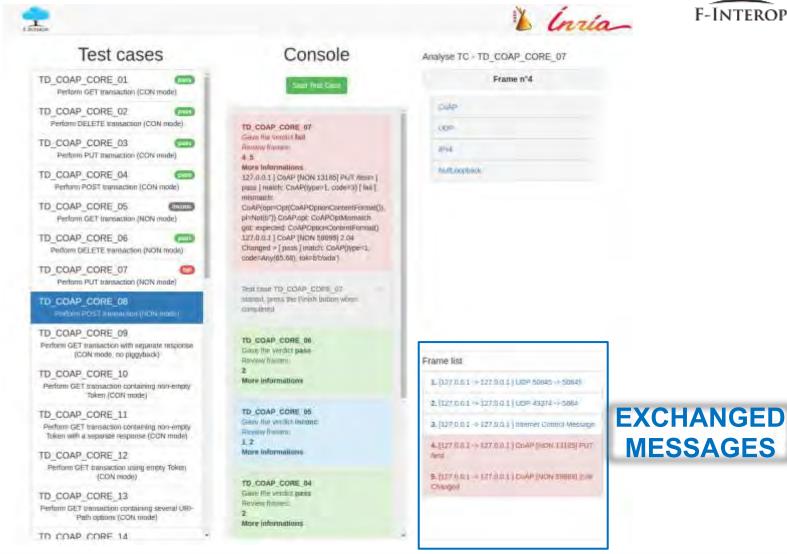










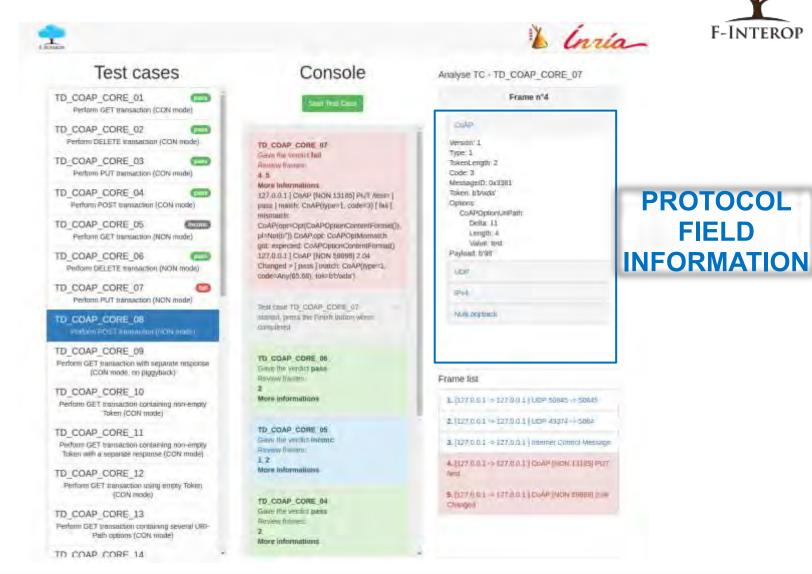








FIELD

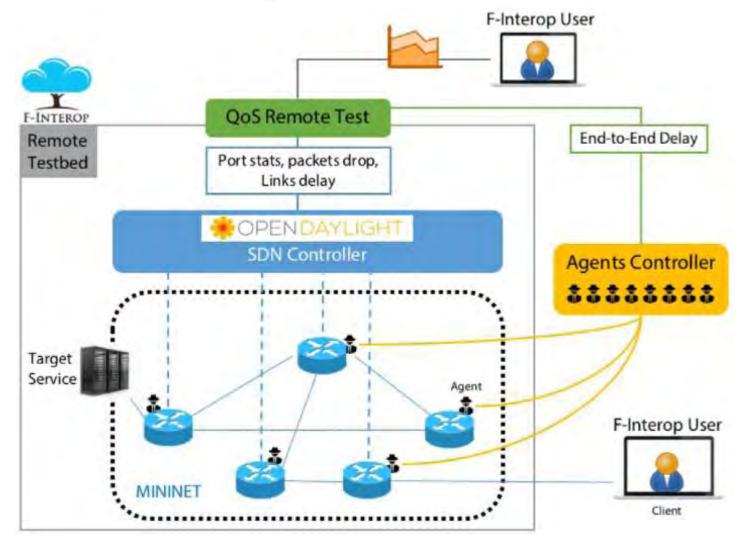






QoS Monitoring Tool - Architecture



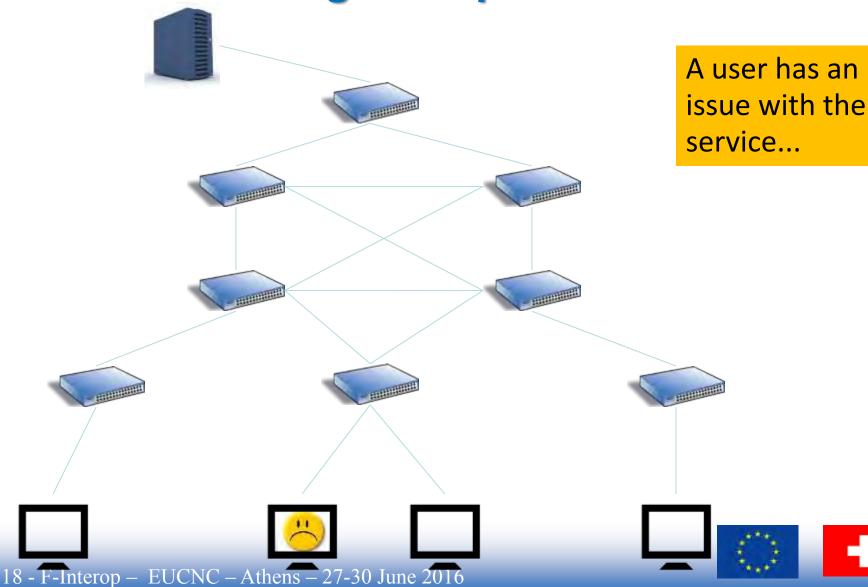






QoS Monitoring Tool Troubleshooting Example

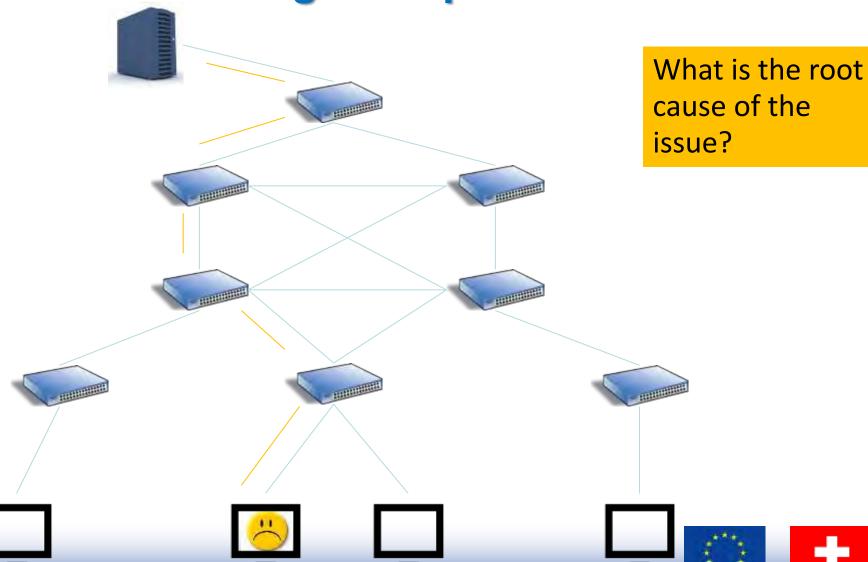




QoS Monitoring Tool Troubleshooting Example

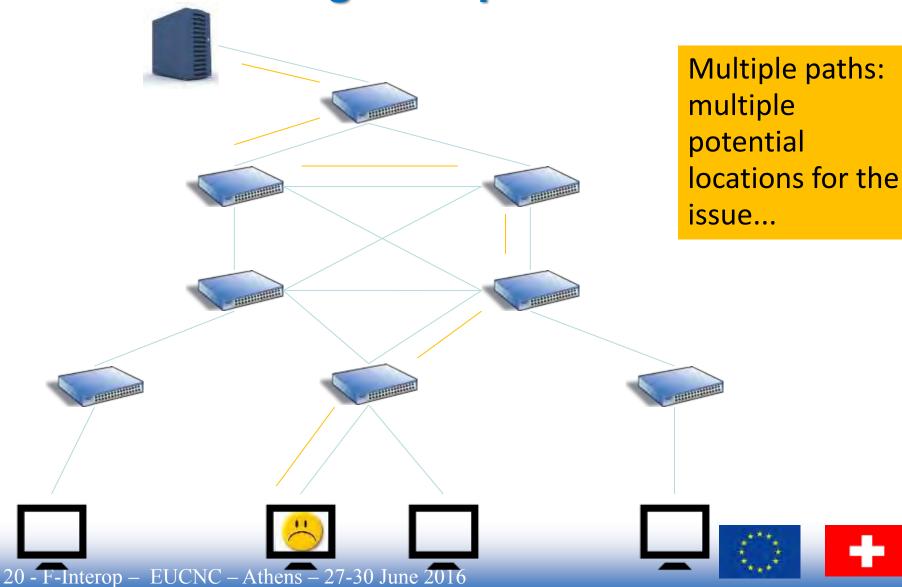
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QoS Monitoring Tool Troubleshooting Example



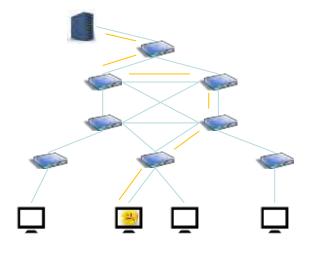


QoS Monitoring Tool Path Extraction



Need to identify the specific **end** to end path followed by the packet from the end user to the target server.

Tracking **packets** in SDN is not specificially addressed by OpenFlow and OpenDayLight based networks.



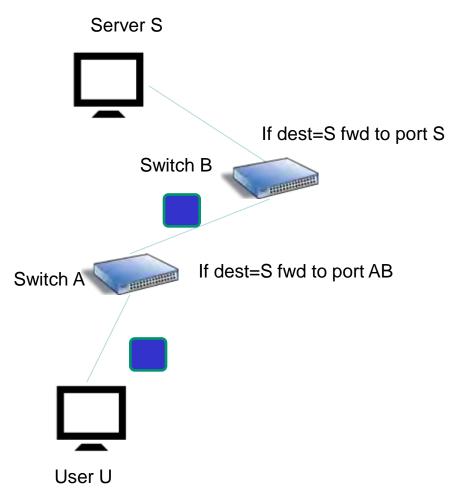




QoS Monitoring Tool Path Extraction



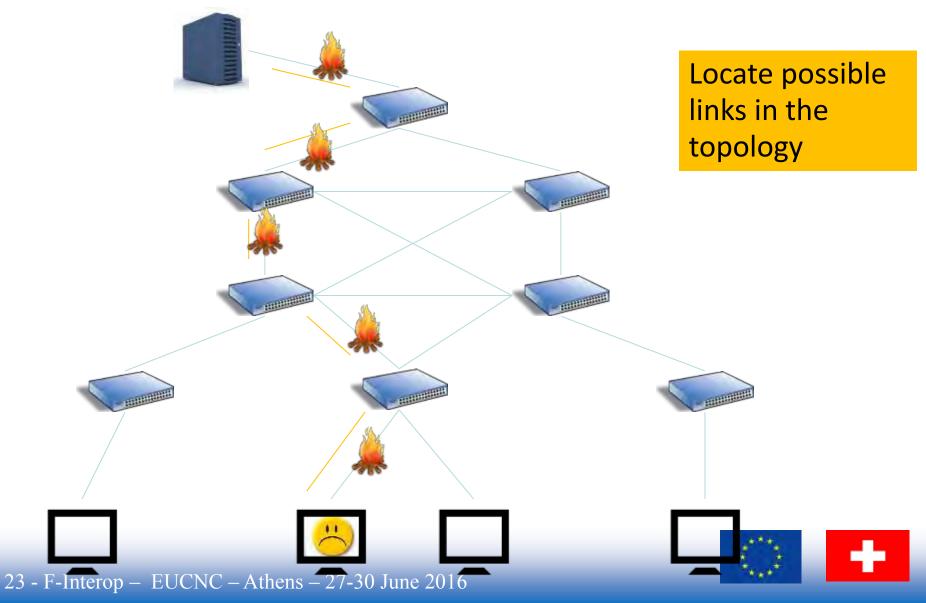
- Based on the SimpleForwarding application (by default in OpenDaylight, Hydrogen)
- Dumping switch rules
- Looking in the rules in search for dest=B
- No need of modifications in the switches



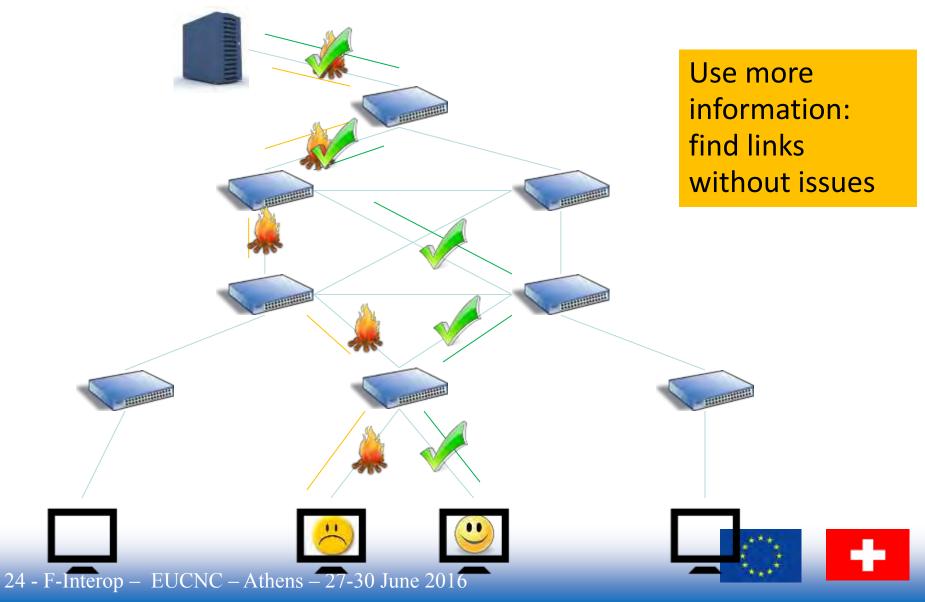




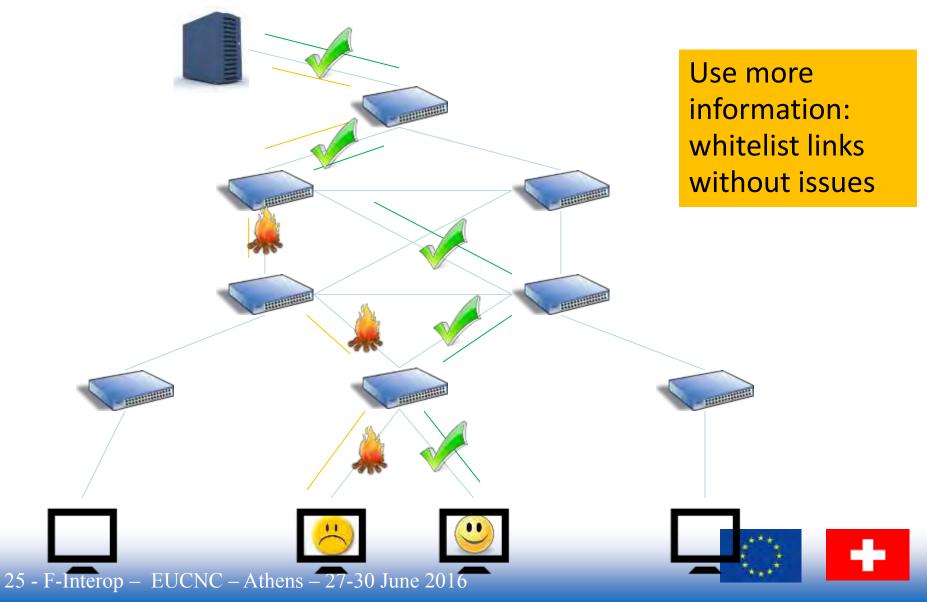








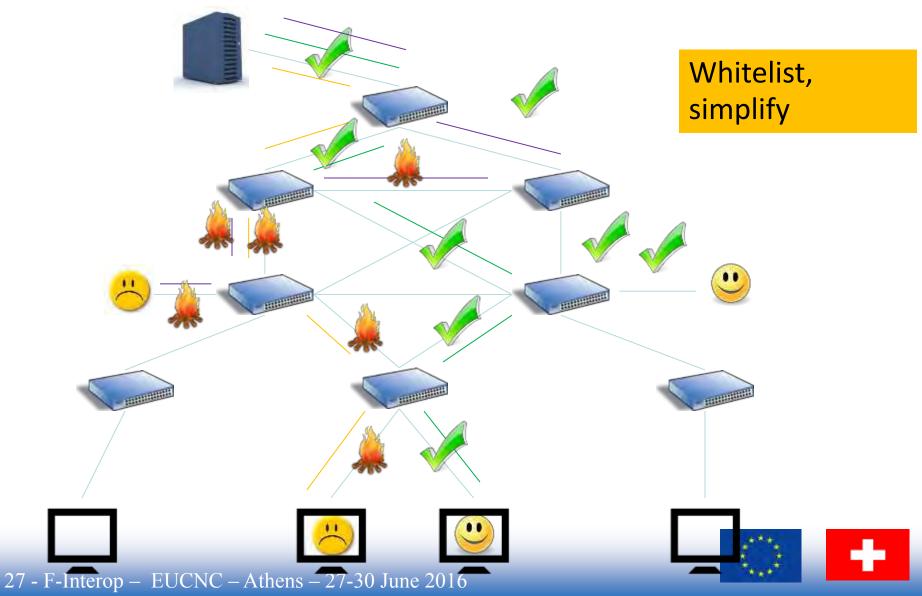




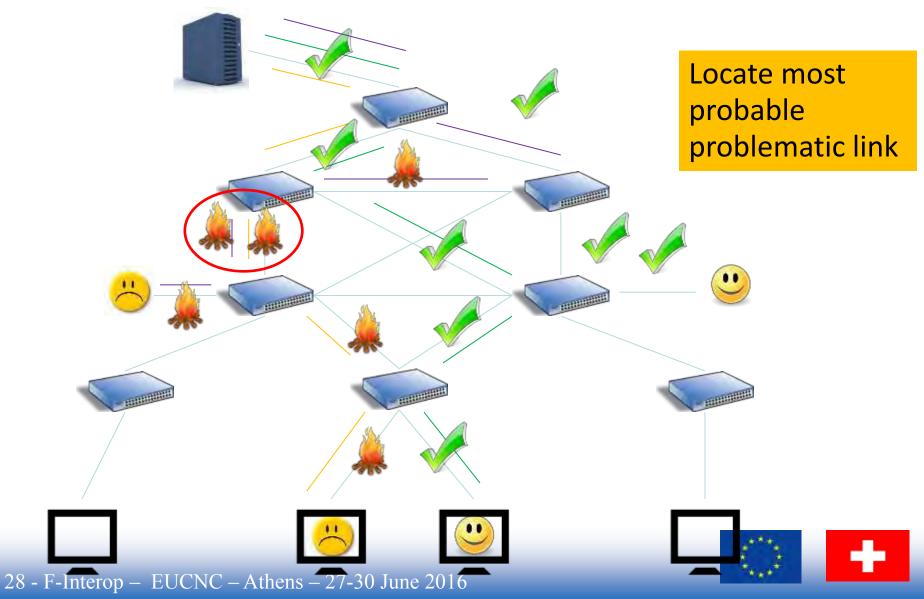
QoS Monitoring Tool: Cause Analysis Use even more information... From other users

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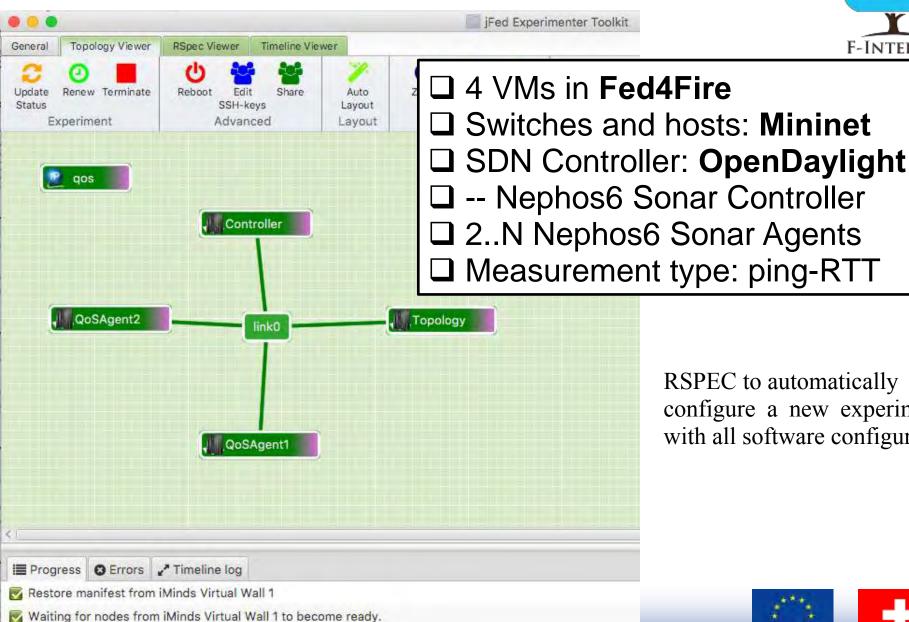




QoS Monitoring Tool: Testbed

Testing connectivity to nodes from iMinds Virtual Wall 1.





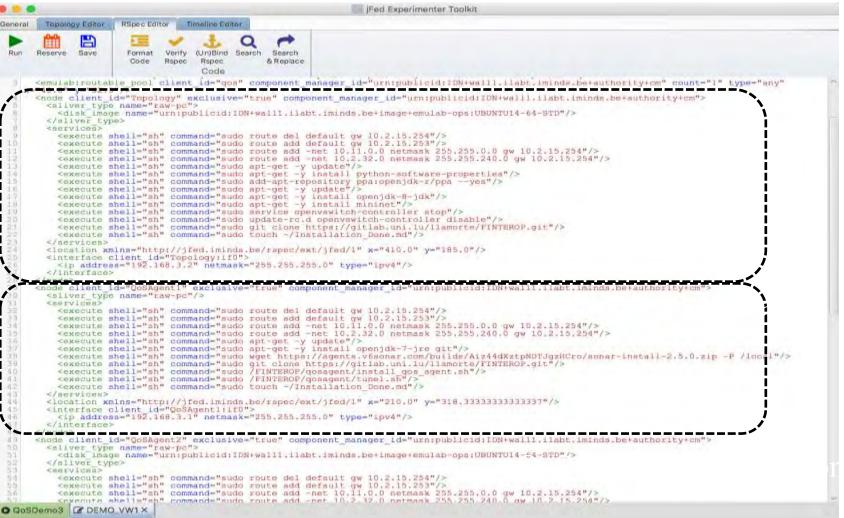
RSPEC to automatically configure a new experiment with all software configured.





QoS Monitoring Tool: Fed4Fire RSPEC



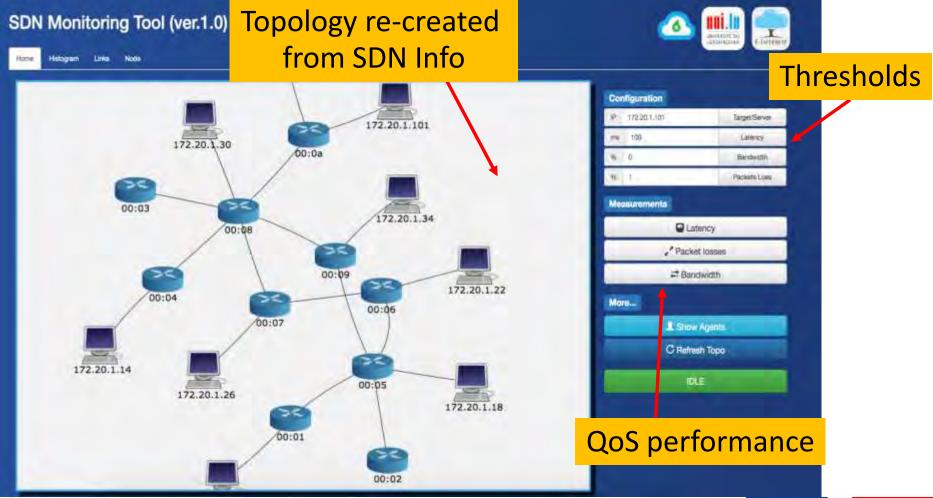






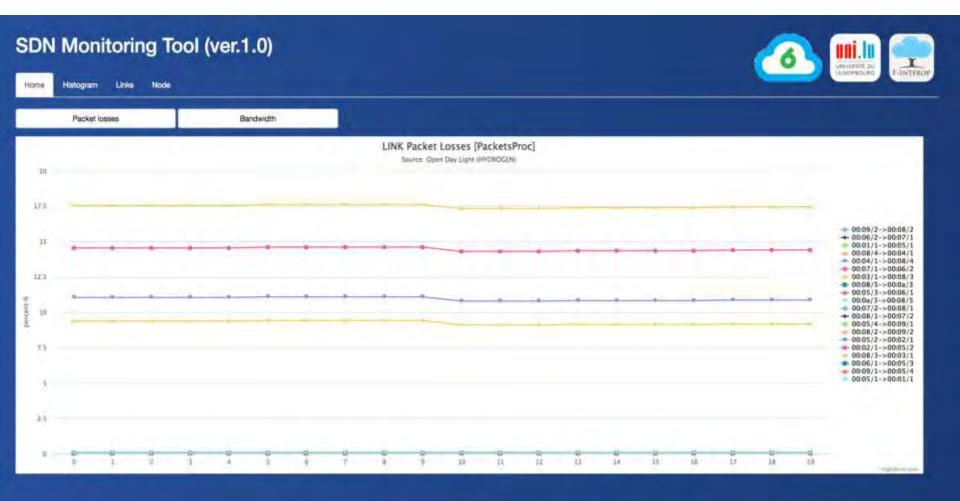
QoS Monitoring Tool: Prototype GUI





QoS Monitoring Tool: Packet Loss Data



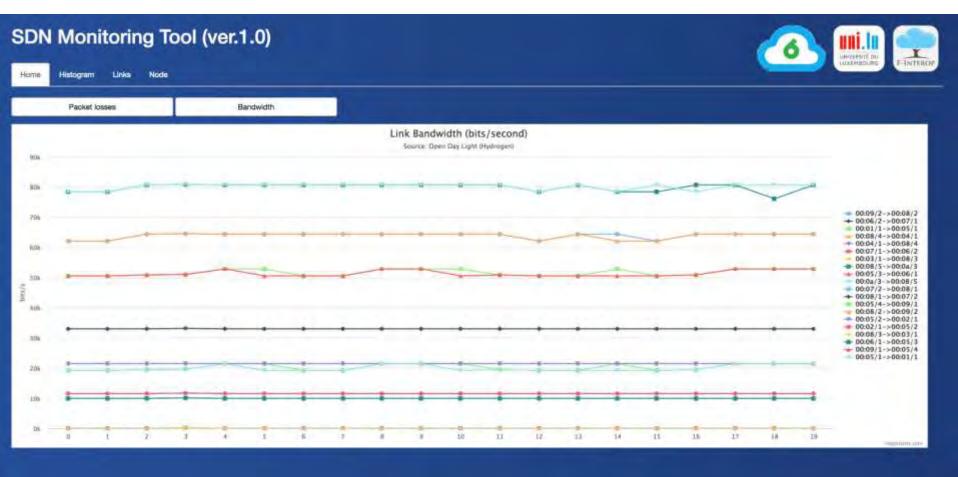






QoS Monitoring Tool: Link Bandwidth Data



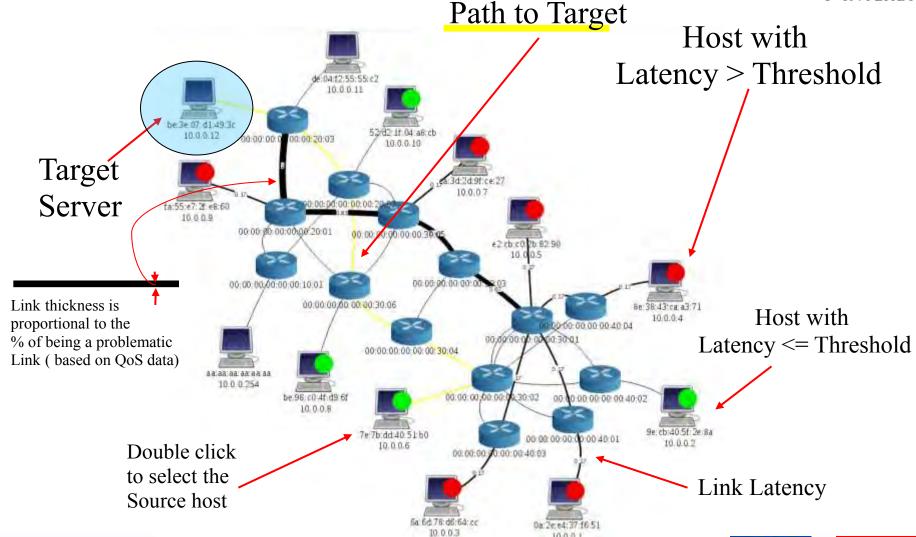






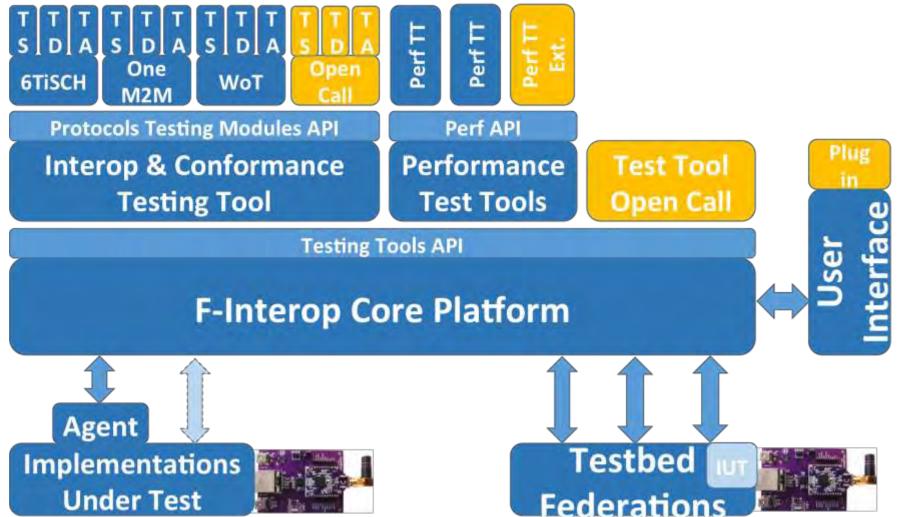
QoS Data Visualization





Open Call: Current Base Platform









Open Call Categories



- New testing tools to extend capabilities of F-Interop
- New tests designs to test interoperability & other measures
- SME device Interop tests to test F-Interop platform
- Plugtests to conduct 3 remote online plugtest events





Open Call: Supported Activities & Budget



List of Categories	Grants	Award
New F-Interop tools extensions	3	100 000
New interop test design and implementation	3	60 000
Plugtests	3	10 000
SME devices F-Interop tests and report	10	10 000





Open Call: Community Support & Impact



- Follow-up selected proposals submitted to the open call
- Management of project startups throughout the life cycle of the experiments
- Support for tools development & test design projects
- Cascade funding payments





Open Call: Important Dates



