

Heterogeneous Hybrid Networks Reliability Simulation (HeNReS)

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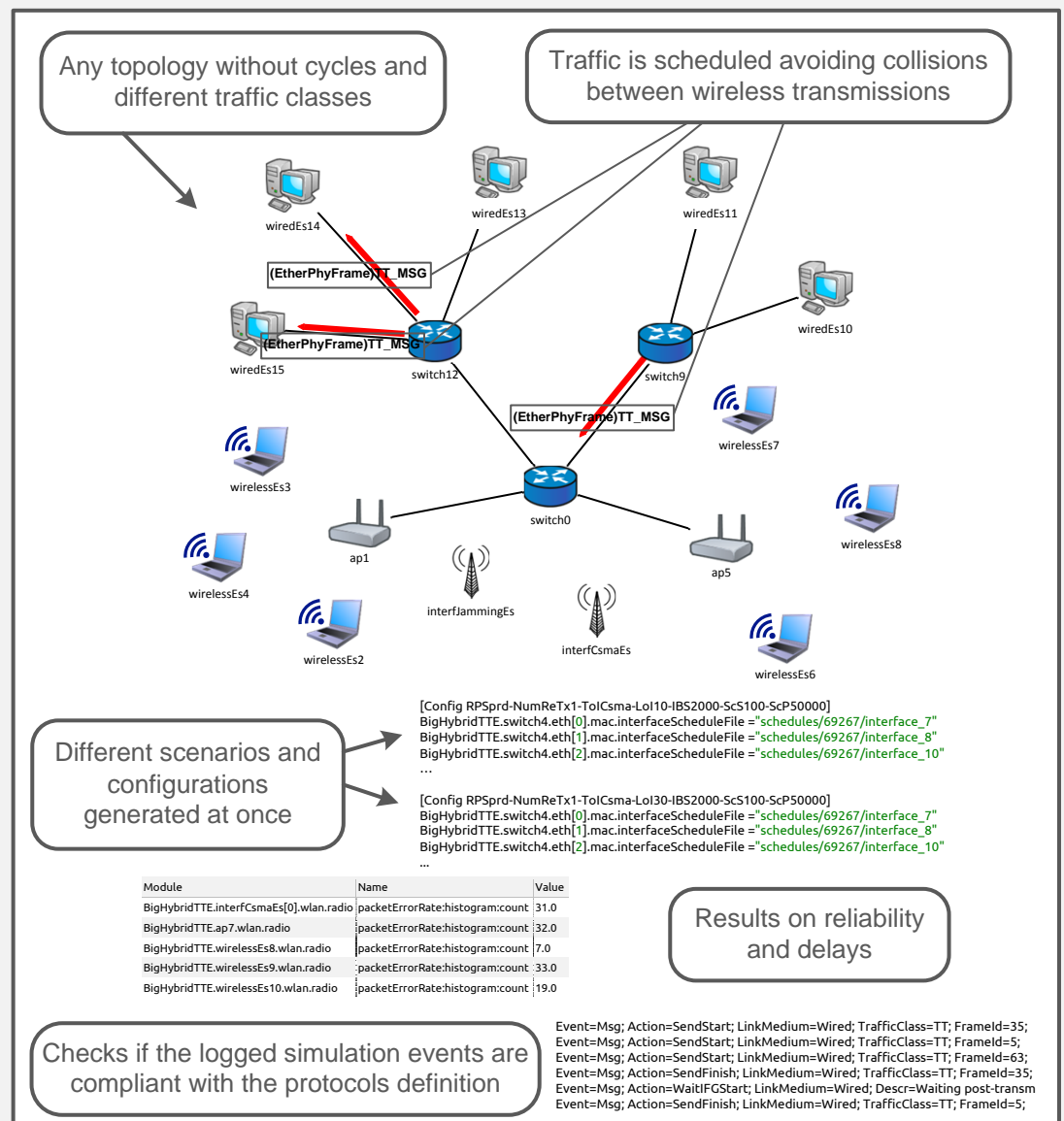
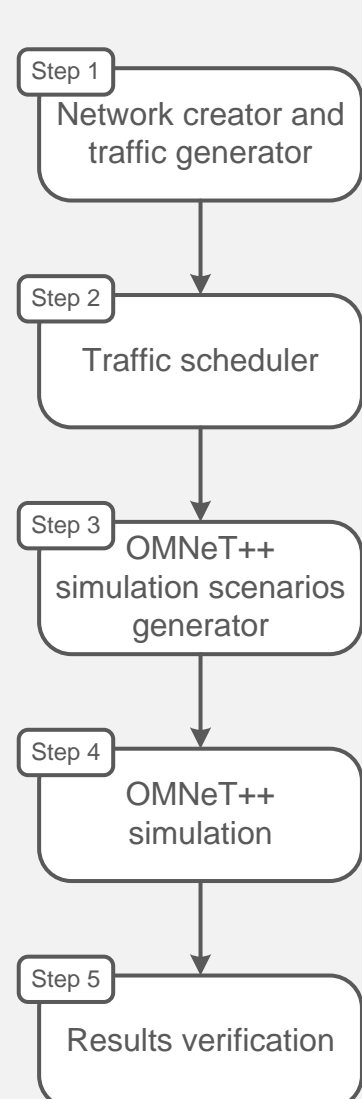
What is it?

Reliability and delays data network simulation.

What does it offer?

- Hybrid wired/wireless networks based on the IEEE 802.3 "Ethernet" and IEEE 802.11 "WiFi" PHY.
- Real-time (time-triggered) and non-real time traffic support.
- Using state of the art tools: OMNeT++ for network simulator, SMT solver for traffic scheduling.
- Scenario creator: topology, traffic and interference. Easy to use, several scenarios simulated at once.
- Simulation results verification.

How does it work?



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