



EANTC's MPLS SDN & NETCONF Interoperability Test 2022 – Results and Live Showcase of Industry's Biggest Telecom Transport Multi-Vendor Event Published

Paris, April 4, 2022. Today, EANTC AG, the European Advanced Networking Test Center, published the results of the annual multi-vendor MPLS SDN and NETCONF interoperability testing.

Arista, Arrcus, Calnex, Ciena, Cisco, Huawei, Juniper, Keysight, Microchip, Nokia, Ribbon, Spirent, UfiSpace, and ZTE jointly executed extensive tests at EANTC's Lab in Berlin, Germany. More than 80 attendees from these 14 vendors teamed up to validate the interoperability and integration of state-of-art telecom transport network technologies.

The results are showcased live at Upperside's [MPLS SD & AI Net World Congress](#) in Paris this week. Detailed descriptions of each test and their results are published in a 60-page [test report](#).

EANTC designed the interoperability test cases to probe the maturity of transport network solutions to support 5G network services, data center networking evolution, and multi-vendor domain orchestration. The event covered more than 110 test cases evaluated in many multi-vendor combinations. More than 635 test case combinations were evaluated.

The latest innovations in the following technology areas were covered:

- Ethernet VPNs, including advanced service and routing options
- Segment Routing (MPLS, VXLAN, SRv6 Domain Interworking, 400ZR testing)
- Traffic engineering and policing with Flex Algo
- Clock synchronization
- Network management and orchestration

For the first time, EANTC integrated equipment of the *i14y Lab*, a joint research initiative for Open RAN testing hosted by the project partner Deutsche Telekom in Berlin. Real end-to-end O-RAN solutions from the i14y Lab were used to verify O-RAN fronthaul requirements as implemented by routers of participating vendors.

"We witnessed strong vendor support across all technology areas covered in our event; SDN technology is well-established and reliable in multi-vendor combinations," said Carsten Rossenhövel, CTO and Co-Founder of EANTC. "SDN service diversity, telemetry, manageability, and high-precision clock synchronization have further improved since our interop test last year. Specifically, x-haul transport support is being enhanced towards the needs of 5G Standalone slicing and traffic engineering."

The EANTC team highly appreciates the outstanding commitment of all participating vendors to standards-based solutions and independent, transparent interoperability verification.

About EANTC

EANTC (European Advanced Networking Test Center) is internationally recognized as one of the world's leading independent test centers for telecommunication technologies. Based in Berlin, Germany, the company offers vendor-neutral consultancy and realistic, reproducible, high-quality testing services since 1991. Customers include leading network equipment manufacturers, tier-1 service providers, large enterprises, and governments worldwide. EANTC's proof of concept, acceptance tests, and network audits cover established and next-generation fixed and mobile network technologies.

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