

LIAISON STATEMENT

Title: Follow Up on SDN SBI YANG models for Service Automation and Plugtest announcement

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From (source): ETSI ISG mWT

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Response to: "mWT(21)000010" Liaison response to mWT(21)019027 Publication of Wireless
(if applicable) Backhaul Network and Services- Automation: SDN SBI YANG models

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Attachments:
(if applicable)

Dear Colleagues,

ETSI ISG mWT would like to thank the IEEE 802.1 working group, for their response and feedback provided in their liaison statement [liaison-response-etsi-ISGmWT-SDNSBIYANG-0721-v01.pdf](#)

ETSI ISG mWT has now progressed further after the publication of its ETSI Group Report 025 [gr_mWT025v010101p](#) and ETSI is currently preparing the fourth mWT (millimetre Wave Transmission) SDN (Software Defined Network) Plugtest™ event, which will take place during Q1 2023. The purpose of this 4th mWT Plugtest is to experimentally establish interoperability in the SBI based on GR025 results. The scope of the Plugtest is based on NETCONF with the corresponding IETF&IEEE DMs related to the following use cases:

Use case 1 – Network and services auto-discovery: the application detects the network elements, their topology and interconnection, and the services already provisioned:

- HW/FW Inventory
- Carrier Inventory
- Port Inventory
- Services Inventory
- Network Discovery.

Use case 2 – E2E L2 Service Provisioning: an E-LINE service is configured E2E, traversing a chain of different Vendors' equipment:

- C-VLAN support
- S-VLAN/C-VLAN support (for future Plugtest).

The exact data model architecture is currently being refined, but the following models are considered as a basis:

- IETF Hardware Management RFC8348
- IETF System Management RFC7317
- IETF Radio Link RFC8561

- IETF Interface Management RFC8343
- IEEE 802-ethernet-interface
- IEEE 802-dot1q-bridge
- IEEE 802.1 ABcu
- IEEE 802-dot1ab-lldp.

More detailed information about the 4th ETSI mWT Plugtest can be found at the following url:
<https://www.etsi.org/events/2086-mwt-plugtests-4#pane-1/>

ETSI ISG mWT Plugtest participants are currently conducting regular conference calls discussing, refining the data models corresponding to the selected use cases, and implementation progress and status by participating vendors that will be tested during this Plugtest.

2. Actions:

ETSI Plugtests are open to third party organisations and non-ETSI members after signing ETSI NDA agreement. ETSI ISG mWT would like to invite participants in both the IEEE802.1 WG and the IETF Common Control and Measurement Plane (ccamp) to consider participating in this Plugtest. ETSI ISG mWT would also like to invite both the IEEE802.1 WG and the IETF ccamp group to participate in this event as partners.

3. Date of next meetings of the originator:

ETSI ISG mWT#23 is currently scheduled from 11 – 13 October 2022.

Renato Lombardi
Chair of ETSI ISG mWT