

# IEC/IEEE 60802

## Update on YANG for 60802

(Original document:

<https://www.ieee802.org/1/files/public/docs2022/60802-Mittelberger-et-al-YANG-for-60802-1221-v05.pdf>)

Version V01 – March 2022

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# GAP List Status

## **1.5.1 Activate Preemption**

Preemption can be set up in the 802.1 YANG model, but activation in 802.3 YANG Model is missing

Proposed Solution: Augmentation in 60802

## **1.5.2 aLldpXdot3LocAddFragSize attribute**

Proposed Solution: Augmentation in 60802

## **1.5.3 RSTP/MSTP YANG Data Model**

Still missing

## **1.5.4 MAU Types**

Proposed Solution: Augmentation in 60802

## **1.5.5 MEF 10.3/10.4 Configuration**

Still missing

# GAP List Status

## **1.5.6 UNI YANG Module of CNC**

Is being defined in 802.1Qdj

## **1.5.7 Device Capabilities and Quantities YANG**

Proposed Solution: Augmentation in 60802 (see slide 5)

## **1.5.8 On/Offline Configuration of devices**

Proposed Solution: Usage of Instance Data File Format – RFC 9195

## **1.5.9 NETCONF Datastore Architecture for “Namespaces”**

In Work

## **1.5.10 Date-Time format in YANG**

In Work

# GAP List Status

## **1.5.11 String handling (UTF8)**

In Work

## **1.5.12 Missing MIB Data Objects in ietf-system model**

no need for these Objects in 60802

## **1.5.13 Missing MIB Data Objects in ietf-interface model**

no need for these Objects in 60802

# Device Capabilities and Quantities (Examples)

**Following Capabilities will be augmented to the IETF / IEEE YANG models by IEC/IEEE 60802:**

**interfaces/interface/ethernet:**

- mau-type
- add-frag-size
- activate-preemption

**bridges/bridge/component:**

- max-nr-of-streams

**interfaces/interface/dot1q:bridge-port/gate-parameter-table:**

- max-control-list-length

**Location t.b.d.:**

- max-nr-of-buffers
- interpacket-gap

# Next Steps

- prepare and discuss IEC/IEEE augmentations with IEEE YANGster group
- identify possible further capabilities and quantities to be augmented

# Questions ?