

YANGsters Status

2023-07 Berlin Plenary

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YANGsters Chair

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v2

YANGsters Agenda (July 2023 Plenary)

- <https://1.ieee802.org/july-2023-plenary-session-berlin-germany-yangsters/>
 - 1600-1800 (CEST) 11 July
- Status
 - YANG Status Presentation
- IEEE 802.3 YANG progress on LLDP work
- IEEE 802.3 MAC Merge work
- IEEE 802.1AX information
- Discussion Topics
 - Git Repository
 - Information on YANG revision importing
- Request for Next Calls
 - Continue with calls every two weeks (Motion)
- Any Other Business

- IEEE 802.3 YANG Session
 - 1400-1800 (CEST) 12 July
 - <https://listserv.ieee.org/cgi-bin/wa?A2=index&L=STDS-802-3-MAINT&O=D&P=250804>

YANGsters Summary

- YANGsters
 - <https://1.ieee802.org/yangsters/>
 - <https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-faq/>
- Since May Interim 2023
 - MAC Merge input
 - <https://www.ieee802.org/1/files/public/docs2023/yangsters-gutierrez-mac-merge-0623-v01.pdf>
 - 802.3 LLDP YANG input
 - <https://www.ieee802.org/1/files/public/docs2023/yangsters-smansfield-ldp-802dot3-0523-v02.pdf>
 - AX YANG input
 - <https://www.ieee802.org/1/files/public/docs2023/yangsters-hartley-1AX-yang-modeling-v01.pdf>
- To Do
 - UML-like documentation discussion

Requested Meetings

- Electronic meetings requested between the July Plenary and November Plenary
 - 25 July
 - 8 Aug
 - 22 Aug
 - 5 Sept
 - 26 Sept
 - 10 Oct
 - 24 Oct
 - 7 Nov
- September Interim meeting TBD
 - 12 Sept?
- November Plenary meeting TBD
 - 14 Nov?
- Call Details
 - <https://1.ieee802.org/yangsters/yangsters-call-information/>
- A plenary slide with the motion will be available

YANG "sanity"

- Published YANG is up to date
- Draft YANG should be reviewed to determine what YANG needs to be updated in repository
- Contact YANGsters if help is needed to validate or interact with the repository

ShortName	Name	github status	Ballot	Draft Ver
802.1AEdk	MAC Privacy protection	update needed	SA->Pub	D2.2
802.1AS-2020 rev	Timing and Synchronization	not created	Editor	None
802.1ASdm	Hot Standby	not created	WG	D1.1
802.1ASdn	Timing and Synchronization for Time-Sensitive Applications – Amendment: YANG Data Model	current	WG	D1.1
802.1ASds	Support for the IEEE Std 802.3 Clause 4 Media Access Control (MAC) operating in half-duplex	not created	Editor	None
802.1AXdz	YANG for LAG	not created	Editor	None
802.1CS-2020/Cor1	Link-local Registration Protocol (LRP)	update needed	WG	D1.3
802.1DC	Quality of Service Provision by Network Systems	update needed	WG	D2.2
802.1DF	TSN Profile for Service Provider Networks	not created	TG	D0.1
802.1DG	TSN Profile for Automotive In-Vehicle Ethernet Communications	not created	TG	D2.0
802.1DP	TSN for Aerospace Onboard Ethernet Communications	not created	Editor	D1.0
802.1DU	Cut-thorough forwarding	not created	Editor	None
802.1Q-2022rev	Q-rev	update needed	Editor	None
802.1Qcj	LLDP extension tlv for auto attach	update needed	SA	D2.5
802.1Qcw	Amendment: YANG Data Models for Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing	update needed	SA	D2.2
802.1Qcz	Amendment: Congestion Isolation	update needed	SA->Pub	D2.7
802.1Qdd	Resource Allocation Protocol	not created	TG	D0.7
802.1Qdj	Amendment: Configuration Enhancements for Time-Sensitive Networking	update needed	WG	D1.1
802.1Qdt	Priority-based Flow Control Enhancements	not created	TG	D0.2
802.1Qdv	Enhancements to Cyclic Queuing and Forwarding	not created	Editor	None
802.1Qdw	Source Flow Control	not created	Editor	None
802.1Qdx	YANG for CBS	not created	Editor	None
802.1Qdy	YANG for MSTP	not created	Editor	None
802f	YANG Data Model for Ethertypes	not created	SA	D2.1
IEEE1588e	Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: MIB and YANG Data Models	current	SA	D1.1

YANG Validation

- Items To Do
 - Validate yang in each draft as it enters a ballot
 - Comment on YANG if it doesn't validate
 - Store validated YANG in the draft directory of the repository
- When a project completes (is published)
 - During the staff editing
 - Support with validating YANG as editorial changes are made
 - When document is published
 - Extract YANG from published standard and update the published directory
 - Delete the YANG from drafts