

YANGsters

14 November 2023

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Tuesday, November 14, 1600-1800 HST (UTC -10)

Introduction

- Meeting Agenda: <https://1.ieee802.org/november-2023-plenary-session-honolulu-hi-usa-yangsters/>
- YANGsters: <https://1.ieee802.org/yangsters/>
- YANGsters FAQ: <https://1.ieee802.org/yangsters/yangsters-guidelines/yangsters-faq/>

YANG Status

- Current status as of 10 November 2023

ShortName	Name	github status	Ballot	Draft Ver	YANG Status	Notes
802.1AEdk	MAC Privacy protection	move to pub	Pub			clean-up github
802.1AS-2020 rev	Timing and Synchronization	not created	Editor	None	No YANG	
802.1ASdm	Hot Standby	needs uploaded	WG	D1.3	checked	
802.1ASdn	Timing and Synchronization for Time-Sensitive Applications — Amendment: YANG Data Model	current	WG	D1.2	checked	
802.1ASds	Support for the IEEE Std 802.3 Clause 4 Media Access Control (MAC) operating in half-duplex	not created	Editor	None	No YANG	
802.1AXdz	YANG for LAG	not created	Editor	None	No YANG	
802.1CS-2020/Cor1	Link-local Registration Protocol (LRP)	needs uploaded	WG	D2.0	checked	
802.1DC	Quality of Service Provision by Network Systems	needs uploaded	WG	D3.0	checked	2.2 -> 3.0 no yang change
802.1DG	TSN Profile for Automotive In-Vehicle Ethernet Communications	not created	TG	D2.2	No YANG	
802.1DP	TSN for Aerospace Onboard Ethernet Communications	not created	Editor	D1.0	No YANG	
802.1DU	Cut-thorough forwarding	not created	Editor	D0.2	No YANG	
802.1Q-2022rev	Q-rev	not created	Editor	None	No YANG	current Qdj-d1.2
802.1Qcj	LLDP extension tlv for auto attach	current	Pub	D2.5	checked	
802.1Qcw	Amendment: YANG Data Models for Scheduled Traffic, Frame Preemption, and Per-Stream Filtering and Policing	current	SA	D2.2	checked	
802.1Qcz	Amendment: Congestion Isolation	move to pub	Pub			clean-up github
802.1Qdd	Resource Allocation Protocol	not created	TG	D0.7	No YANG	
802.1Qdj	Amendment: Configuration Enhancements for Time-Sensitive Networking	needs uploaded	WG	D1.3	checked	
802.1Qdt	Priority-based Flow Control Enhancements	not created	TG	D0.2	No YANG	
802.1Qdv	Enhancements to Cyclic Queuing and Forwarding	not created	Editor	D0.3	No YANG	
802.1Qdw	Source Flow Control	not created	Editor	None	No YANG	
802.1Qdx	YANG for CBS	needs uploaded	WG	D1.0	checked	
802.1Qdy	YANG for MSTP	not created	Editor	D0.1	No YANG	
802f	YANG Data Model for Ethertypes	current	SA	D2.4	checked	
IEEE1588e	Precision Clock Synchronization Protocol for Networked Measurement and Control Systems Amendment: MIB and YANG Data Models	current	SA	D1.3	checked	
IEC/IEEE 60802	Industrial Automation	not created	WG	D2.1	No YANG	

Topics for YANGsters

- YANG scalability discussions (with BBF input)
- IETF YANG for Constrained Environments
- New tooling to help instance validation

Nearly Published and Published Work

- 802.1AEdk MAC Privacy protection (Published 18 August)
- 802.1Qcz Congestion Isolation (Published 4 August)
- 802.1Qcj Auto Attach to PBB (Approved 21 September)
- 802.1Qcw TSN (Qbu, Qbv, Qci) YANG (Approved 21 September)
- 802f EtherType YANG (Approved 21 September)

Any Other Business?

- Future YANGsters meetings:
 - Maintain same meeting cadence, don't conflict with DG.
- Topics?
- Thanks!