

IEEE COM/NetSoft SC - Virtualized and Software Defined Networks, and Services Standards Committee

Chair: Mehmet Ulema; Vice-chair: Mohammad Asad Rehman Chaudhry; Program Manager: Jennifer Santulli (Date updated: 29Jan2022)

WORKING GROUPS, PROJECTS, STANDARDS

	Projects/Standards	Working Group Name	WG Chair	WG Chair's email	WG Website
1	<ul style="list-style-type: none"> ▪ IEEE 1903-2011, IEEE Standard for the Functional Architecture of Next Generation Service Overlay Networks ▪ IEEE 1903.3-2017, IEEE Standard for Self-Organizing Management Protocols of Next Generation Service Overlay Network ▪ IEEE 1903.2-2017, IEEE Standard for Service Composition Protocols of Next Generation Service Overlay Network (NGSON) ▪ IEEE 1903.1-2017, IEEE Standard for Content Delivery Protocols of Next Generation Service Overlay Network (NGSON) 	COM/NetSoft-SC/NGSON WG Next-Generation Service Overlay Networks (NGSON) WG (<i>Currently dormant</i>)	Mehmet Ulema	m.ulema@ieee.org	https://sagroups.ieee.org/netsoft/home/ngson/
2	P1913 - Software-Defined Quantum Communication	COM/NetSoft-SC/QuantumComm WG Software-Defined Quantum Communication WG	Stephen Bush	bushsf@research.ge.com	https://sagroups.ieee.org/netsoft/home/qc/
3	P1916.1 - Standard for Software Defined Networking and Network Function Virtualization Performance	COM/NetSoft-SC/PVE WG Performance for Virtualized Environments WG	Mohammad Asad Rehman Chaudhry	masadch@ieee.org	https://sagroups.ieee.org/netsoft/home/performance/
4	P1930.1 - Recommended Practice for Software Defined Networking (SDN based Middleware for Control and Management of Wireless Networks	COM/NetSoft-SC/SDN-MCM WG SDN based Middleware for Control and Management of Networks WG	Pranav Jha	pranavjha@ieee.org	https://sagroups.ieee.org/netsoft/home/middleware/
5	P1938.1 - Standard for Software Defined Protocol and Functional Requirements for Improvement of the Signal-to-Noise Ratio (SNR in Communications Channels	COM/NetSoft-SC/SNR WG Signal/Noise Ratio WG	Andrew Clasen	andrewsonolutions@gmail.com	https://sagroups.ieee.org/netsoft/home/snr/
6	P1950.1 - Standard for Architectural Functional Framework for Smart Cities	COM/NetSoft-SC/SCA WG Smart Cities Architecture WG	Narendra Mangra	nmangra@ieee.org	https://sagroups.ieee.org/netsoft/home/smartcitiesarch/
7	P1951.1 - Standard for Discovering and Intent Sharing between Smart City Component Systems	COM/NetSoft-SC/DISCCS WG Discovering and Intent Sharing between Smart City Component Systems WG	Subramanian Chidambaram	subramanian.chidambaram@gmail.com	https://standards.ieee.org/ieee/1951.1/10177/
8	P1952 - Resilient Positioning, Navigation, And Timing (PNT User Equipment	COM/NetSoft-SC/INT WG COM/NetSoft SC/Resilient Positioning, Navigation, And Timing User Equipment Working Group	Shelby Savage	ssavage@mitre.org	https://sagroups.ieee.org/p1952/
9	P2784 - Guide for the Technology and Process Framework for Planning a Smart City	COM/SDB/SCTech WG Smart Cities Technology Framework WG	Larissa Paredes Muse	larissaparedes@ieee.org	https://sagroups.ieee.org/netsoft/home/snr/