

SG13: Future networks and emerging network technologies

Last meeting results on Recommendations and Supplements**SG13 meeting, 19 October 2026, fully virtual****Recommendations approved (Resolution 1 - TAP)**

ITU-T Rec. No.	Q	Base text	Status	Title
Y.3839 (Y.QKDN-car-fr)	16/13	Report R29	New	Quantum key distribution networks - Framework of cryptographic application registration

[TSB circular 175](#) (dated 20 October 2026) announced the approval of this Recommendation.

Recommendations consented for Last Call (Recommendation A.8 - AAP)

ITU-T Rec. No.	Q	Base text	Status	Title
Y.2357 (Y.WALNC)	2/13	TD234-R1/PLEN	New	Functional requirements for the controller of wide area lossless network in next generation network evolution (NGNe) to support AI applications
Y.2356 (Y.NGNe-NCI-arch)	2/13	TD233-R2/PLEN	New	Functional architecture of NGN evolution for supporting network and cloud interworking
Y.2355 (Y.NGNe-IBN-arch)	2/13	TD232-R2/PLEN	New	Functional architecture of NGN evolution by adoption of intent-based network
Y.3337 (Y.qos-sre-rf)	6/13	TD244/PLEN	New	Requirements and framework for service rates estimation with packet metadata for stateless admission control
Y.3443 (Y.det-rdcs-fa)	6/13	TD245-R1/PLEN	New	Functional architecture for QoS assurance of deterministic communication for remote device control services over IMT-2020 and beyond
Y.3840 (Y.QKDN-QodrQ)	6/13	TD246/PLEN	New	Quantum key distribution networks - Quantitative objectives for delay-related QoS parameters
Y.3264 (Y.DLT.trust.IMT)	16/13	TD247/PLEN	New	Requirements for DLT-enabled trustworthy network management in IMT-2020 and beyond
Y.3095 (Y.DTN-NPNsp)	22/13	TD242/PLEN	New	Digital twin network - Functional requirements and architecture of service platform for public network integrated non-public network
Y.3233 (Y.FMSC-SE)	23/13	TD238/PLEN	New	Fixed, mobile and satellite convergence - Service enhancements for IMT-2020 networks and beyond

The AAP Last Call for the abovementioned 9 draft new Recommendations starts on 1 November 2026.

-----Tatiana, 20.10.2026-----

Draft new Recommendations ITU-T Y.Benchframe-GenAI (Y.3194) "Benchmarking Framework for Generative AI in telecommunication networks", [TD250/PLEN](#), and Y.det-qos-intwk-wan (Y.3442) "Requirements and framework of deterministic QoS interworking mechanism in wide area network including IMT-2020 and beyond", [TD243/PLEN](#), were deferred for the next SG13 meeting (23 February – 4 March 2027, Geneva).

Supplements agreed to (Recommendation A.13)

ITU-T Supplement No.	Q	Base text	Status	Title
Supplement 115 to ITU-T Y.3800-series (Y.Sup.QN-arch)	16/13	TD248/PLEN	New	Technical considerations of quantum network architecture
Supplement 114 to ITU-T Y.3510 (Y.sup.cni)	17/13	TD241/PLEN	New	Cloud computing - Technical considerations of network infrastructure
Supplement 59 to ITU-T Y.3100-series	21/13	TD240/PLEN	Revised	IMT-2020 and beyond standardization roadmap