**Technical Packages on IMT-2020 by WP1/13**

(Study period 2017-2020)

***Finalized documents and work in progress up to April 2021***

Content

[**1.** **Softwarization** 2](#_Toc66311869)

[2. **IMT-2020** 3](#_Toc66311870)

[3. **FMC** 5](#_Toc66311871)

[4. **ICN** 6](#_Toc66311872)

[5. **QoS** 7](#_Toc66311873)

#

# **Softwarization**

|  |  |  |  |
| --- | --- | --- | --- |
| **Area** | **Full title of document** | **Status(2021.04)** | **Approved/Planned****(Year{.Month})** |
| Softwarization | ITU-T [Y.3100-series Supplement 44 “Standardization and open source activities related to network softwarization of IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13353) | Published | 2017.07 |
| Softwarization | ITU-T [Y.3151 “High level architectural model of network slice support for IMT-2020 - Part: SDN”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13892) | Published | 2019.04 |
| Softwarization | ITU-T [Y.3112 revision1 “Framework for the support of Multiple Network Slicing”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13810)  | Published | 2018.12 |
| Softwarization | ITU-T [Y.3324 ”Requirements and Architectural Framework for Autonomic Management and Control of IMT-2020 Networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13811)  | Published | 2108.12 |
| Softwarization | ITU-T [Y.3152 “Advanced Data Plane Programmability for IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13893)  | Published | 2019.04 |
| Softwarization |  [ITU-T Y.3153 “Network slice orchestration and management for providing network services to 3rd party in the IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14132)  | Published | 2019.12 |
| Softwarization | [ITU-T Y.3154 “Resource pooling for scalable network slice service management and orchestration in the IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14254)   | Published | 2020.04 |
| Softwarization | ITU-T [Y.3150 Rev1 “High level technical characteristic of network softwarization for IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14399)  | Published | 2020.09 |
| Softwarization | [ITU-T Y.3156 “Framework of network slicing with AI-assisted analysis in IMT-2020 networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14401)  | Published | 2020.09 |
| Softwarization | [ITU-T Y.3157 “IMT-2020 network slice configuration”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14597)  | Consented | 2021.02 |
| Softwarization | ITU-T [Y.IMT2020-mAI “Traffic typization IMT-2020 management based on an artificial intelligent approach”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0744)   | New WI (2019.10) | 2021-12 |
| Softwarization | ITU-T [Y.IMT2020-SLOA-arch “Architectural framework of end-to-end service level objective assurance for future networks including IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0745)  | New WI (2020.03) | 2021.12 |
| Softwarization | ITU-T [Y.IMT2020-NSL-fra “Framework for classifying network slice level in future networks including IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0746)  | New WI (2020.03) | 2021.12 |
| Softwarization | ITU-T [Y.IMT2020-EIL “Evaluating intelligence capability for network slice management and orchestration in IMT-2020”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0687)  | New WI (2020) | 2022 |
| Softwarization | ITU-T [Y.DL-AINW-fra “A communication model for AI-based management in IMT-2020 and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0747)   | New WI (2020.07) | 2021-12 |
| Softwarization | [ITU-T Y.ML-IMT2020-ETE-MGMT “Machine learning based end-to-end multi-domain network slice management and orchestration”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0577)  | New WI (2020.07) | 2021.12 |
| Softwarization | [ITU-T Y.ML-IMT2020-VNS “Framework for network slicing management enabled by machine learning including input from verticals”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0579)  | New WI (2020.07) | 2021.12 |
| Softwarization | [ITU-T Y.IMT2020-STI-NS: “Network slicing in satellite-terrestrial integrated in IMT-2020 networks and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0748)  | New WI (2020.12) | 2022-12 |
| Softwarization | [ITU-T Y.IMT2020-IBNMO “Intent-based network management and orchestration for network slicing in IMT-2020 networks and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0750) | New WI (2021.03) | 2022-12 |

# 2. **IMT-2020**

|  |  |  |  |
| --- | --- | --- | --- |
| **Area** | **Full title of document** | **Status(2021.04)** | **Approved/Planned****(Year{.Month})** |
| IMT-2020 | ITU-T [Y.3100 “Terms and definitions for IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13349)  | Published | 2017.09 |
| IMT-2020 | ITU-T [Y.3111 “IMT-2020 Network Management Framework”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13351)  | Published | 2017.09 |
| IMT-2020 | ITU-T [Y.3110 “IMT-2020 Network Management Requirements”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13350) | Published | 2017.09 |
| IMT-2020 | ITU-T [Y.3101 “Requirements of IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13466) | Published | 2018.01 |
| IMT-2020 | ITU-T [Y.3102 “Framework of IMT-2020 network”](https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=13610) | Published | 2018.05 |
| IMT-2020 | ITU-T [Y.3103 “Business models of IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13690) | Published | 2018.12 |
| IMT-2020 | ITU-T [Y.3104 “Architecture of IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13808)  | Published | 2018.12 |
| IMT-2020 | ITU-T [Y.3105 “Requirements of network capability exposure in IMT-2020 networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13809)  | Published | 2018.12 |
| IMT-2020 | [ITU-T Y.3108 “Network capability exposure function in IMT-2020 networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14129)  | Published | 2019.12 |
| IMT-2020 | ITU-T [Y.3172 “Architectural framework for machine learning in future networks including IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13894)  | Published | 2019.06 |
| IMT-2020 | [ITU-T Y.3173 "Method for evaluating intelligence level of future networks including IMT-2020“](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14133)  | Published | 2020.02 |
| IMT-2020 |  [ITU-T Y.3174 "Framework for data handling to enable machine learning in future networks including IMT 2020“](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14134)  | Published | 2020.02 |
| IMT-2020 | [Supplement 55 ITU-T Y.3170-series “Machine learning in future networks including IMT-2020: use cases”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14100)  | Published | 2019.10 |
| IMT-2020 | [Supplement 59 to ITU-T Y.3100 series «IMT-2020 standardization roadmap”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14233)  | Published | 2020.03 |
| IMT-2020 | [ITU-T Y.3155 “Enhanced software-defined networking data plane for IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14400)  | Published | 2020.09 |
| IMT-2020 | [ITU-T Y.3176 “Machine learning marketplace integration in future networks including IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14402)  | Published | 2020.09 |
| IMT-2020 | [ITU-T Y.3177 “Architecture framework of artificial intelligence-based network automation for resource and fault management in future networks including IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14598)  | Published | 2021.02 |
| IMT-2020 | [ITU-T Y.3179 (ex Y.ML-IMT2020-MODEL-SERV) “Architectural framework for ML model serving in future networks including IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-PLEN-0399/en)  | Consented | 2021.03 |
| IMT-2020 | [ITU-T 3178 (ex Y. ML-IMT2020-serv-prov) “Functional framework of AI-based network service provisioning in future networks including IMT-2020"](https://www.itu.int/md/T17-SG13-210301-TD-PLEN-0400/en)  | Consented | 2021.03 |
| IMT-2020 | [ITU-T Y.ML-IMT2020-MLFO “Requirements and architecture for machine learning function orchestrator”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0578)  | New WI (2020.07) | 2021.07 |
| IMT-2020 | [ITU-T Y.ML-IMT2020-SANDBOX “Machine learning sandbox for future networks including IMT-2020: requirements and architecture framework”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0575)  | New WI (2020.07) | 2021.07 |
| IMT-2020 | ITU-T [Y.IMT2020-LC-req-arch “Future networks including IMT-2020: requirements and architecture for lightweight core-based dedicated networks”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0772)  | New WI (2019.10) | 2021.12 |
| IMT-2020 | ITU-T [Y. IMT2020-AIICDN-arch “AI integrated cross-domain network architecture for future networks including IMT-2020](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0771)  | New WI (2019.10) | 2021.12 |
| IMT-2020 | ITU-T [Y.IMT2020-CEFEC “Framework of capability exposure function in edge computing for IMT-2020 networks and beyond”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0678)  | New WI (2020.07) | 2022.09 |
| IMT-2020 | ITU-T [Y.IMT2020-DN-CCF “Future networks including IMT-2020: capability classification framework for dedicated networks”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0773)  | New WI (2020.07) | 2022.06 |
| IMT-2020 | ITU-T [Y.IMT2020-SOCN-req-frame “Future networks including IMT-2020: requirements and framework for self-organizing core network”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0680)  | New WI (2020.12) | 2022.12 |
| IMT-2020 | ITU-T [Y.LSMEC “Local shunting for multi-access edge computing in IMT-2020 networks”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0749)  | New WI | 2021.12 |

# 3. **FMC**

|  |  |  |  |
| --- | --- | --- | --- |
| **Area** | **Full title of document** | **Status(2021.04)** | **Approved/Planned****(Year{.Month})** |
| FMC |  [ITU-T Y.3130 “Requirements of IMT-2020 fixed- mobile convergence”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13467)  | Published | 2018.01 |
| FMC | [ITU-T Y.2814 “Mobility management framework over reconfigurable networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13689)  | Published | 2018.09 |
| FMC | [ITU-T Y.2815 “Mobility-supporting architecture for mobile peer-to-peer services in heterogeneous wireless networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13806)  | Published | 2018.12 |
| FMC | [ITU-T Y.3133 “Capability exposure enhancement for supporting fixed mobile convergence in IMT-2020 networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14131)  | Published | 2019.12 |
| FMC | [ITU-T Y.3131 “Functional architecture for supporting fixed mobile convergence in IMT-2020 networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13987)  | Published | 2019.08 |
| FMC | [ITU-T Y.3132 “Mobility management for fixed mobile convergence in IMT-2020 networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14130)  | Published | 2019.12 |
| FMC | [ITU-T Y.3134 “IMT-2020 fixed mobile convergence functional requirements for management and orchestration”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14397)  | Published | 2020.09 |
| FMC | [ITU-T Y.3136 ”Session management for fixed mobile convergence in IMT-2020 networks”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14398)  | Published | 2020.09 |
| FMC | [ITU-T Y.3135 “Service scheduling for supporting FMC in IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14596)  | Consented | 2021.02 |
| FMC | ITU-T [Y.FMC-EC “Unified edge computing for supporting fixed mobile convergence in IMT-2020 networks”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0699)  | Candidate for consent | 2021.07 |
| FMSC | [ITU-T Y. FMSC-MM “Mobility Management for fixed mobile, NGSO-satellite convergence in IMT-2020 networks”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0738)  | New WI (2020.03) | 2021.12 |
| FMC | [ITU-T Y.FMC -AAEC-req “Use cases and Technical requirements for supporting application addressing in edge computing for future networks including IMT-2020 network”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0741)  | New WI (2020.03) | 2021.12 |
| FMSC | [ITU-T Y.FMSC-req “Requirements of fixed, mobile and satellite convergence in IMT-2020 network and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0736)   | New WI (2020.03) | 2021.12 |
| FMC | [ITU-T Y.FMC-SDWAN ”Fixed Mobile Convergence enhancements to support IMT-2020 based software-defined wide area networking service”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0740)  | New WI (2020.07) | 2022.12 |
| FMSC | ITU-T [Y.FMSC-CM “Connection Management for fixed, mobile and satellite convergence in IMT-2020 network and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0739)  | New WI (2020.07) | 2022.07 |
| FMSC | [ITU-T Y.FMSC-MEC “Multi-access Edge Computing for fixed, mobile and satellite convergence in IMT-2020 networks and beyond”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0699)   | New WI (2020.07) | 2022.07 |
| FMSC | ITU-T [Y.FMSC-frame “Framework of fixed, mobile and satellite convergence in IMT-2020 network and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0737)  | New WI (2020.12) | 2022.12 |
| FMSC | ITU-T [Y.FMSC-SC “Service continuity for fixed, mobile and satellite convergence in IMT-2020 network and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0742) | New WI (2021.03) | 2023.09 |

# 4. **ICN**

|  |  |  |  |
| --- | --- | --- | --- |
| **Area** | **Full title of document** | **Status(2021.04)** | **Approved/Planned****(Year{.Month})** |
| ICN | [ITU-T Y.3071 “Data Aware Networking (Information Centric Networking) - Requirements and Capabilities”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13253)  | Published | 2017.03 |
| ICN | [ITU-T Y.3070-series supplement 47 “Information-Centric Networking - Overview, Standardization Gaps and Proof-of-Concept](https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=13588) | Published | 2018.04 |
| ICN | [ITU-T Y.3070-series Suppl.48: “Proof-of-concept for data service using information centric networking in IMT-2020”](https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=13655) | Published | 2018.07 |
| ICN | ITU-T [Y.3072 “Requirements and Capabilities of Name Mapping and Resolution for Information Centric Networking in IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13890)  | Published | 2019.04 |
| ICN | [ITU-T Y.3073 "Framework for service function chaining in ICN"](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13984)  | Published | 2019.08 |
| ICN | [ITU-T Y.3074 "Framework for Directory Service for Management of a Huge Number of Heterogeneously Named Objects in IMT-2020"](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13985)   | Published | 2019.08 |
| ICN | [ITU-T Y.3075 “Requirements and capabilities of information-centric networking routing and forwarding based on control and user plane separation in IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14394)  | Published | 2020.09 |
| ICN | [ITU-T Y.3076 “Architecture of ICN-enabled Edge network in IMT-2020”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14395)  | Published | 2020.09 |
| ICN | [ITU-T Y.ICN-TL “Requirements and Capabilities of Transport Layer for ICN in IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0756)  | New WI (2018.10) | 2021.12 |
| ICN | ITU-T [Y.ICN-interworking “Framework on internetworking of heterogeneous application domain connected objects through information-centric networking in IMT-2020”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0695)  | Candidate for consent | 2021.07 |
| ICN | ITU-T [Y.ICN-NMR “Framework of Locally Enhanced Name Mapping and Resolution for Information Centric Networking in IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0757)  | New WI (2019.06) | 2021.12 |
| ICN | ITU-T [Y.ICN-DOS “Requirements and Capabilities of Data Object Segmentation in Information Centric Networking for IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0758)  | New WI (2019.06) | 2021.12 |
| ICN | ITU-T [Y.ICN-core-arch, “Requirements and architecture of information-centric core network”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0595)  | New WI (2019.10) | 2021.12 |
| ICN | ITU-T [Y.ICN-inc-arch, “Architecture of in-network computing in information centric networking”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0595)  | New WI (2019.10) | 2021.12 |
| ICN | ITU-T [Y.ICN-pubsub-arch “Architecture of distributed broker-based publish/subscribe in information-centric network”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0759) | New WI (2019.10) | 2021.12 |
| ICN | [ITU-T Y.ICN-SEAN “Architecture and Functional Framework for on-Site Elastic and Autonomous ICN»](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0697)  | New WI (2020.12) | 2022.12 |

# 5. **QoS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Area** | **Full title of document** | **Status(2021.04)** | **Approved/Planned****(Year{.Month})** |
| QoS | [ITU-T Y.3170 “Requirements for machine learning-based quality of service assurance for IMT-2020 network”](https://www.itu.int/ITU-T/recommendations/rec.aspx?rec=13691) | Published | 2018.09 |
| QoS | [ITU-T Y.3106 “QoS functional requirements for the IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13891)  | Published  | 2019.04 |
| QoS | [ITU-T Y.3107 “Functional architecture for QoS assurance management in the IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=13986)  | Published | 2019.08 |
| QoS | [ITU-T Y.3175 “Functional architecture of machine learning-based quality of service assurance for the IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14255)  | Published  | 2020.04 |
| QoS | [ITU-T Y.3109 “QoS requirements and architecture for virtual reality delivery using edge computing in IMT-2020”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0690) | Published | 2021.04 |
| QoS | [ITU-T Y.3113 “Requirements and framework for latency guarantee in large scale networks including IMT-2020 network”](https://www.itu.int/itu-t/recommendations/rec.aspx?rec=14595)  | Published  | 2021.02 |
| QoS | [ITU-T Y.IMT-2020.qos-mon “IMT-2020 network QoS monitoring architectural framework”](https://www.itu.int/md/T17-SG13-190628-TD-WP1-0365)  | Ongoing | 2022.03 |
| QoS | ITU-T [Y.IMT2020-QoS-II-req “QoS assurance requirements and framework for industrial internet supported by IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0725)   | New WI (2019.06) | 2022.03 |
| QoS | ITU-T [Y.IMT2020-QoS-map “QoS mapping mechanisms between subscribers and the IMT-2020 network”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0599)   | New WI(2019.06) | 2022.03 |
| QoS | ITU-T [Y.IMT2020-qos-tcn “QoS requirements for train communication network supported by IMT-2020”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0601)  | New WI(2019.10) | 2022.03 |
| QoS | ITU-T [Y.QKDN-qos-gen “General Aspects of QoS on the Quantum Key Distribution Network”](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0668)   | New WI(2019.10) | 2021.07 |
| QoS | ITU-T [Y.QKDN-qos-req “Requirements for QoS Assurance of the Quantum Key Distribution Network”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0727)   | Candidate for consent | 2021.07 |
| QoS | [ITU-T Y.IMT2020-qos-req-sg "QoS requirements for smart grid supported by IMT-2020"](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0602)  | New WI(2020.03) | 2022.10 |
| QoS | [ITU-T Y.IMT2020-qos-req-sh "QoS requirements for smart healthcare supported by IMT-2020"](https://www.itu.int/md/meetingdoc.asp?lang=en&parent=T17-SG13-201217-TD-WP1-0666)   | New WI(2020.03) | 2021.11 |
| QoS | ITU-T [Y.IMT2020-qos-req-cg “QoS requirements for cloud gaming supported by IMT-2020”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0726)   | New WI(2020.07) | 2021.12 |
| QoS | ITU-T [Y.IMT2020-qos-req-ti “QoS requirements for the tactile internet](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0607)”  | New WI(2020.07) | 2023.12 |
| QoS | ITU-T [Y.QKDN.qos-fa “Functional architecture of QoS assurance for quantum key distribution networks](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0728)”  | New WI(2020.07) | 2022.07 |
| QoS | ITU-T [Y.QKDN.qos-ml-req “Requirements of machine learning based QoS assurance for quantum key distribution networks”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0729)   | New WI(2020.07) | 2022.12 |
| QoS | ITU-T [Y.IMT-2020-qos-lstn-req “Requirements and framework of Deterministic QoS in large-scale telecommunications networking for IMT-2020 networks and beyond”](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0724)   | New WI(2020.07) | 2021.12 |
| QoS | ITU-T [Y.IMT2020-qos-req-se “QoS requirements for smart education supported by IMT-2020”](https://www.itu.int/md/T17-SG13-200720-TD-WP1-0611)  | New WI(2020.07) | 2022.12 |
| QoS | ITU-T [Y.IMT2020-det-qos-reqts-lan "Framework and QoS requirements to support of inter-domain deterministic communication services in local area network for IMT-2020"](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0732) | New WI(2021.03) | 2022.12 |
| QoS | ITU-T [Y.IMT2020-fa-lg-lsn "Functional architecture for latency guarantee in large scale networks including IMT-2020 and beyond"](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0731) | New WI(2021.03) | 2022.12 |
| QoS | ITU-T [Y.IMT2020-jg-lsn "Requirements and framework for jitter guarantee in large scale networks including IMT-2020 and beyond"](https://www.itu.int/md/T17-SG13-210301-TD-WP1-0730) | New WI(2021.03) | 2022.12 |

**Prepared by WP1/13 management team (12.4.2021)**