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| ITU logo | INTERNATIONAL TELECOMMUNICATION UNION**TELECOMMUNICATIONSTANDARDIZATION SECTOR**STUDY PERIOD 2017-2020 | SG17-TD3081 |
| **STUDY GROUP 17** |
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| **Title:** | Organization of ITU-T X-series Recommendations (as of 15 July 2020) |
| **Purpose:** | Discussion |
| **Contact:** | Heung Youl YoumSoonchunhayng Univ.Korea (Republic of) | E-mail: hyyoum@sch.ac.kr  |

There is no change since last update as in [TD2546R1](http://www.itu.int/md/T17-SG17-200317-TD-PLEN-2546) of 26 March 2020.

# Organization of ITU-T X-series Recommendations

DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY

| **Subject** | **Recommendation Series** |
| --- | --- |
| **Public data networks** | **X.1-X.199** |
|    Services and facilities |    X.1-X.19 |
|    Interfaces |    X.20-X.49 |
|    Transmission, signaling and switching |    X.50-X.89 |
|    Network aspects |    X.90-X.149 |
|    Maintenance |    X.150-X.179 |
|    Administrative arrangements |    X.180-X.199 |
| **Open Systems Interconnection** | **X.200-X.299** |
|    Model and notation |    X.200-X.209 |
|    Service definitions |    X.210-X.219 |
|    Connection-mode protocol specifications |    X.220-X.229 |
|    Connectionless-mode protocol specifications |    X.230-X.239 |
|    PICS proformas |    X.240-X.259 |
|    Protocol Identification |    X.260-X.269 |
|    Security Protocols |    X.270-X.279 |
|    Layer Managed Objects |    X.280-X.289 |
|    Conformance testing |    X.290-X.299 |
| **Interworking between networks** | **X.300-X.399** |
|    General |    X.300-X.349 |
|    Satellite data transmission systems |    X.350-X.369 |
|    IP-based networks |    X.370-X.379 |
| **Message Handling Systems** | **X.400-X.499** |
| **Directory** | **X.500-X.599** |
|    PKI |    X.590-X.599 |
| **OSI networking and system aspects** | **X.600-X.699** |
|    Networking |    X.600-X.629 |
|    Efficiency |    X.630-X.639 |
|    Quality of service |    X.640-X.649 |
|    Naming, Addressing and Registration |    X.650-X.679 |
|    Abstract Syntax Notation One (ASN.1) |    X.680-X.699 |
| **OSI management** | **X.700-X.799** |
|    Systems Management framework and architecture |    X.700-X.709 |
|    Management Communication Service and Protocol |    X.710-X.719 |
|    Structure of Management Information |    X.720-X.729 |
|    Management functions and ODMA functions |    X.730-X.799 |
| **Security** | **X.800-X.849** |
| **OSI applications** | **X.850-X.899** |
|    Commitment, Concurrency and Recovery |    X.850-X.859 |
|    Transaction processing |    X.860-X.879 |
|    Remote operations |    X.880-X.889 |
|    Generic applications of ASN.1 |    X.890-X.899 |
| **Open distributed processing** | **X.900-X.999** |
| **Information and network security** | **X.1000-X.1049** |
|    General security aspects |    X.1000-X.1029 |
|    Network security |    X.1030-X.1049 |
| **Security management** | **X.1050-X.1069** |
| **Telebiometrics** | **X.1080-X.1099** |
| **Secure applications and services (1)** | **X.1100-X.1199** |
|    Multicast security |    X.1100-X.1109 |
|    Home network security |    X.1110-X.1119 |
|    Mobile security |    X.1120-X.1139 |
|    Web security |    X.1140-X.1149 |
|    Application Security (1) |    X.1150-X.1159 |
|    Peer-to-peer security |    X.1160-X.1169 |
|    Networked ID security |    X.1170-X.1179 |
|    IPTV security |    X.1180-X.1199 |
| **Cyberspace security** | **X.1200-X.1299** |
|    Cybersecurity |    X.1200-X.1229 |
|    Countering spam |    X.1230-X.1249 |
|    Identity management (IdM) and Authentication |    X.1250-X.1279 |
| **Secure applications and services (2)** | **X.1300-X.1499** |
|    Emergency communications |    X.1300-X.1309 |
|    Ubiquitous sensor network security |    X.1310-X.1319 |
|    Smart Grid security |    X.1330-X.1339 |
|    Certified Mail |    X.1340-X.1349 |
|    IoT security |    X.1350-X.1369 |
|    ITS security |    X.1370-X.1389 |
|    Distributed Ledger Technology security |    X.1400-X.1429 |
|    Application Security (2) |    X.1450-X.1459 |
| **Cybersecurity Information Exchange** | **X.1500-X.1599** |
|    Overview of cybersecurity |    X.1500-X.1519 |
|    Vulnerability/state exchange |    X.1520-X.1539 |
|    Event/incident/heuristics exchange |    X.1540-X.1549 |
|    Exchange of policies |    X.1550-X.1559 |
|    Heuristics and information request |    X.1560-X.1569 |
|    Identification and discovery |    X.1570-X.1579 |
|    Assured exchange |    X.1580-X.1589 |
|    Cyber Defence |    X.1590-X.1599 |
| **Cloud computing security** | **X.1600-X.1699** |
|    Overview of cloud computing security |    X.1600-X.1601 |
|    Cloud computing security design |    X.1602-X.1639 |
|        Cloud computing security requirements, security capabilities |        X.1602-X.1619 |
|        Cloud computing security trust models, security architectures/functions |        X.1620-X.1629 |
|        Cloud computing security controls |        X.1630-X.1639 |
|    Cloud computing security best practices and guidelines |    X.1640-X.1659 |
|    Cloud computing security implementation |    X.1660-X.1679 |
|        Cloud computing security solutions, security mechanisms |        X.1660-X.1669 |
|        Cloud computing incident management, disaster recovery,       security assessment and audit |        X.1670-X.1679 |
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| **Quantum communication** | **X.1700-X.1729** |
|        Terminologies |        X.1700-X.1701 |
|        Quantum random number generator |        X.1702-X.1709 |
|        Framework of QKDN security |        X.1710-X.1711 |
|        Security design for QKDN |        X.1712-X.1719 |
|        Security techniques for QKDN |        X.1720-X.1729 |
| **Data security** | **X.1750-X.1799** |
|  Big Data security | X.1750-X.1759 |
| **5G security** | **X.1800-X.1819** |

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