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| **itu-old** | INTERNATIONAL TELECOMMUNICATION UNION | | | JCA-Res178 – Doc – 014 – E |
| **TELECOMMUNICATION STANDARDIZATION SECTOR**  STUDY PERIOD 2013-2016 | |  | |
| **English only**  **Original: English**  10 June 2014 | |
| **DOCUMENT** | | | | |
| **Source:** | | JCA-Res178 Co-Convener | | |
| **Title:** | | Updated Summary of Reponses to JCA-Res178 LS1 from ITU-T SGs | | |
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Annex I of this document is an updated summary compilation (text without editing) as of 10th of June 2014 of the feedback from the responding Study Groups to the JCA-Res178 liaison LS1, as well as an iLS from ISO/IEC-JTC1.

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Annex I

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| SG | Document | Representative(s) | Response on Activities |
| SG2 | **JCA-Res178**  [Doc-008](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx),  [Doc-013](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx),  [Doc-017](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Abdullah AL-MUBADAL**  (Vice Chairman of SG2)  [**amubadal@citc.gov.sa**](mailto:amubadal@citc.gov.sa) | The meeting identified the activities related to ENUM interim procedures as defined in <http://www.itu.int/en/ITU-T/inr/enum/Pages/default.aspx> as a potential topic to refer back to the JCA. All relevant work associated with the interim procedures can be found on the web page.  SG2 has in collaboration with SG3 created a Joint Rapporteur Group to take forward discussions identified in WTSA-12 Resolution 64 and the draft terms of reference as revised by SG2 is contained in [TD 450 (GEN/2)](http://www.itu.int/md/T13-SG02-140528-TD-GEN-0450/en). |
| SG3 | **JCA-Res178**  [Doc-012](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Leslie Martinkovics**  (SG3 Vice-chairman)  **[leslie.j.martinkovics@verizon.com](mailto:leslie.j.martinkovics@verizon.com)** | ITU T SG3 will review its activities and, if appropriate technical standards are identified, will communicate these to a future meeting of the JCA on Res 178. |
| SG5 | **JCA-Res178**  [Doc-006](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Paolo Gemma**  (WP3/5 Chairman)  **[paolo.gemma@huawei.com](mailto:paolo.gemma@huawei.com)** | |  |  |  | | --- | --- | --- | | **Item** | **Title** | **Status** | | Rec. L.1200 | Direct current power feeding interface up to 400 V at the input to telecommunication and ICT equipment | Published | | Rec. L.1300 | Best practices for green data centers | Published | | Guide | Guide on use of low cost sustainable telecommunication infrastructure | On going | |
| SG9 | **JCA-Res178**  [Doc-004](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Cui and Mr. Arthur Webster**  (SG9 Chairman)  [webster@its.bldrdoc.gov](mailto:webster@its.bldrdoc.gov) | |  |  | | --- | --- | | Recomm. | Title | | J.112 | Transmission systems for interactive cable television services | | J.122 | Second-generation transmission systems for interactive cable television services - IP cable modem | | J.125 | Link privacy for cable modem implementations | | J.195.1 | Functional Requirements of high speed transmission over coaxial network connected with Fiber To The Building | | J.HiNoC-phy | PHY layer specification of high performance network over coax | | J.HiNoC-mac | MAC layer specification of high performance network over coax | | J.210 | Downstream RF interface for cable modem termination systems | | J.211 | Timing interface for cable modem termination systems | | J.212 | Downstream external Physical layer interface for modular cable modem termination systems | | J.222.0 | Third-generation transmission systems for interactive cable television services - IP cable modems: Overview | | J.222.1 | Third-generation transmission systems for interactive cable television services - IP cable modems: Physical layer specification | | J.222.2 | Third-generation transmission systems for interactive cable television services - IP cable modems: MAC and Upper Layer protocols | | J.222.3 | Third-generation transmission systems for interactive cable television services - IP cable modems: Security services | |
| SG12 | **JCA-Res178**  [Doc-005](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Kwame Baah-Acheamfuor** (SG12 Chairman) [kwame.baah-acheamfuor@nca.org.gh](mailto:kwame.baah-acheamfuor@nca.org.gh) | No response on activities provided by SG12 in Doc-005 |
| SG13 | **JCA-Res178**  [Doc-015](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) |  | SG13’s understanding is that Internet comprises various sets of networks using IP technology which build on top of various L1 and L2 networks.  Since SG13 was involved in development of various networks such as ISDN, ATM, IP-based, NGN, Cloud and Future Networks, we think all of SG13 work has relevance to Internet aspects.  For your information, our work programme should be found at the following link: <http://www.itu.int/itu-t/workprog/wp_search.aspx?sg=13> |
| SG15 | **JCA-Res178**  [Doc-011](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) |  | Regarding the terms of reference of JCA-Res 178, and the request for technical standardization activities that are currently being studied, SG15’s scope of work is relevant for the work of the JCA.  SG15’s title “Networks, Technologies and Infrastructures for Transport, Access and Home” implies a broad range of technologies, many of which are essential to the support of the Internet.  Transport Recommendations developed in SG15 support increasing bandwidth demands of the Internet by defining higher capacity technologies such as 100G and beyond OTN and optical wavelength plans that are increasing the amount of information that can be transferred on optical fibres. SG 15 Recommendations also contribute to the increased affordability of solutions towards access for all. SG15 develops specifications for technologies that help to drive down cost of implementation for the network components as well as the copper and fibre infrastructure.  SG 15 also develops handbooks that help developing countries understand the technologies and infrastructures which are required to access the Internet  Access Recommendations developed in SG15 such as DSL are found in millions of locations and enable users to access the Internet. Increasing access speeds enhance the user experience. Passive optical networks are also studied and reduce operators’ costs in providing broadband access.  In summary, technologies produced by SG15 support the Internet by contributing to its reach, capacity, scalability, reliability and affordability. |
| SG16 | **JCA-Res178**  [Doc-002](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Mohannad El-Megharbel** (SG16 vice-chairman)  [melmegharbel@tra.gov.eg](mailto:melmegharbel@tra.gov.eg) | The aspects of telecommunication networks, as we understand the terms of reference, may include optical switching, MPLS, traffic engineering, and other advanced network-related technologies.  ITU-T SG16 is focused on multimedia services and applications that may use the Internet, though SG16 is not doing work on network aspects directly. For example, SG16 is actively working on technologies such as video conferencing that may operate over the Internet at the application layer.  This includes signaling systems, voice and video codecs, fax and modem relay, media gateways (including signal processing functionality considering codecs, echo control, etc.), media gateway controllers, and so on.  SG16 is also actively involved in work related to IPTV, e-health, digital signage, IoT applications, and vehicle gateway platforms. Many standards produced in SG16 might be used in IP networks, comprising both private IP networks and the Internet.  *It is not clear to the experts in SG16 that any of this work is the kind of work for which the JCA is trying to identify, though our assumption is that it is not. If our assumption is incorrect, please indicate which areas outlined above the JCA feels is within the scope of its ToR and we will certainly provide the JCA with any information it seeks.* |
| SG17 | **JCA-Res178**  [Doc-007](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Hua Jiang**  (Associate Rapporteur of Q1/17)  [jianghua@catr.cn](mailto:jianghua@catr.cn) | All work items under development in Q4/17 - Cybersecurity, Q8/17 - Cloud computing security, and Q11/17 - Generic technologies to support secure applications, are relevant work items of interest to JCA-Res178.  In addition, some work items in Q2/17, Q6/17, and Q9/17 may also be relevant.   | **Question** | **Work item** | **Title** | **Start of work** | **Timing** | | --- | --- | --- | --- | --- | | 2/17, (3/17) | X.mgv6 | ITU-T X.1037 – Supplement on security management guideline for implementation of IPv6 environment in telecommunications organizations | 2011-04 | 2014-09 | | 4/17 | X.cee | Common event expression | 2009-09 | 2015 | | 4/17 | X.cee.1 | CEE overview | 2009-09 | 2015 | | 4/17 | X.cee.2 | CEE profile | 2009-09 | 2015 | | 4/17 | X.cee.3 | CEE common log syntax (CLS) | 2009-09 | 2015 | | 4/17 | X.cee.4 | CEE common log transport (CLT) requirements | 2009-09 | 2015 | | 4/17 | X.csmc | An iterative model for cybersecurity operation using CYBEX techniques | 2011-04 | 2015 | | 4/17 | X.cybex-beep | Use of BEEP for cybersecurity information exchange | 2009-09 | 2015 | | 4/17 | X.sbb | Security capability requirements for countering smartphone-based botnet | 2014-01 | 2015-09 | | 6/17 | X.msec-7 | Guidelines on the management of infected terminals in mobile networks | 2012-03 | 2014-09 | | 6/17 | X.msec-8 | Secure application distribution framework for communication devices | 2012-03 | 2014-09 | | 6/17 | X.unsec-1 | Security requirements and framework of ubiquitous networking | 2010-12 | 2014-09 | | 7/17, (10/17) | X.1141 Amd.1 | Security Assertion Markup Language (SAML) 2.0 – Amendment 1: Errata | 2011-04 | 2015-04 | | 7/17, (10/17) | X.1142 Amd.1 | eXtensible Access Control Markup Language (XACML 2.0) – Amendment 1: Errata | 2011-04 | 2015-04 | | 7/17 | X.p2p-3 | Security requirements and mechanisms of peer-to-peer based telecommunication network | 2009-09 | 2015-04 | | 7/17 | X.sap-5 | Guideline on local linkable anonymous authentication for electronic services | 2009-09 | 2014-09 | | 7/17 | X.sap-9 | Delegated non-repudiation architecture based on ITU-T X.813 | 2012-09 | 2014-09 | | 8/17, (3/17) | X.cc-control | Information technology – Security techniques – Code of practice for information security controls for cloud computing services based on ISO/IEC 27002 | 2013-04 | 2015-09 | | 8/17 | X.goscc | Guidelines of operational security for cloud computing | 2012-03 | 2015-09 | | 9/17, (11/17) | X.bhsm | Information technology – Security Techniques – Telebiometric authentication framework using biometric hardware security module | 2010-12 | 2014-09 | | 10/17 | X.iamt | Identity and access management taxonomy | 2012-09 | 2016 | | 10/17, (8/17) | X.idmcc | Requirements of IdM in cloud computing | 2010-12 | 2014-09 | | 10/17 | X.scim-use  (Joint with Q8/13) | Application of system for cross identity management (SCIM) in telecommunication environments | 2012-09 | 2016 | | 11/17 | X.500 (eighth edition) | Information technology – Open Systems Interconnection – The Directory: Overview of concepts, models and services | 2014-04 | 2016 | | 11/17 | X.501 (eighth edition) | Information technology – Open Systems Interconnection – The Directory – Models | 2014-04 | 2016 | | 11/17 | X.509 (eighth edition) | Information technology – Open Systems Interconnection – The Directory – Public-key and attribute certificate frameworks | 2014-04 | 2016 | | 11/17 | X.511 (eighth edition) | Information technology – Open Systems Interconnection – The Directory – Abstract Service Definition | 2014-04 | 2016 | |
| iLS from:  ISO/IEC JTC 1 | **JCA-Res178**  [Doc-003](https://www.itu.int/en/ITU-T/jca/Res178/Pages/documents.aspx) | **Dae-Young Kim** [dykim@cnu.kr](mailto:dykim@cnu.kr) , and  **ShinGak Kang** [sgkang@etri.re.kr](mailto:sgkang@etri.re.kr) ;  ( JTC 1 - SC 6C) | **JTC 1 Proposed action:**  **“JCA-Res178 to add** [dykim@cnu.kr](mailto:dykim@cnu.kr) **and** [sgkang@etri.re.kr](mailto:sgkang@etri.re.kr) **to the JCA-Res178 *mailing-lists*”.** |

Note: SG11 has met since the circulation of the JCA-Res178 LS1, however no feedback Liaison was received from SG11 till the date of this document.

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