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| itu_logo | International Telecommunication Union  *Telecommunication Standardization Bureau* |  |

Geneva, 1 November 2017

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-23**  AAP/CL  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | – To Administrations of Member States of the Union;  – To ITU-T Sector Members;  – To ITU-T Associates  **Copy:**  – To the ITU-T Study Group Chairmen and Vice-Chairmen;  – To the Director of the Telecommunication Development Bureau;  – To the Director of the Radiocommunication Bureau |

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| Subject: | **Situation concerning Recommendations under the Alternative Approval Process (AAP)** |

Dear Sir/Madam,

The Alternative Approval Process (AAP) defined in Rec. ITU-T A.8 applies to Recommendations which do not have policy or regulatory implications and which, therefore, do not require formal consultation of Member States (see ITU Convention 246B).

**Annex 1** lists those texts whose status has changed compared with previous TSB AAP Announcements.

If you wish to submit a comment relative to a Recommendation under AAP, you are encouraged to use the on-line AAP comment submission form available on the page of the Recommendation in the AAP area of the ITU-T website at [http://www.itu.int/ITU-T/aap](http://www.itu.int/ITU-T/aap/) (see **Annex 2**). Alternatively, comments can be submitted by completing the form in **Annex 3** and sending it to the secretariat of the concerned study group.

Please note that comments that simply support adoption of the text in question are not encouraged.

Yours faithfully,

Chaesub Lee  
Director of the Telecommunication Standardization Bureau

**Annexes:** 3

Annex 1

(to TSB AAP-23)

Status codes used in the AAP announcements:

LC = Last Call

LJ = Last Call Judgment (includes comment resolution)

AR = Additional Review

AJ = Additional Review Judgment (includes comment resolution)

SG = For Study Group approval

A = Approved

AT = Approved with typographic corrections

AC = Approved after Additional Review of Comments

NA = Not approved

TAP = Moved to TAP (ITU-T A.8 / § 5.2)

ITU-T website entry page:

[http://www.itu.int/ITU-T](http://www.itu.int/ITU-T/)

Alternative approval process (AAP) welcome page:

[http://www.itu.int/ITU-T/aapinfo](http://www.itu.int/ITU-T/aapinfo/)

Note – A tutorial on the ITU-T AAP application is available under the AAP welcome page

ITU-T website AAP Recommendation search page:

<http://www.itu.int/ITU-T/aap/>

Study Group web pages and contacts:

|  |  |  |
| --- | --- | --- |
| SG 2 | <http://www.itu.int/ITU-T/studygroups/com02> | [tsbsg2@itu.int](mailto:tsbsg2@itu.int) |
| SG 3 | <http://www.itu.int/ITU-T/studygroups/com03> | [tsbsg3@itu.int](mailto:tsbsg3@itu.int) |
| SG 5 | <http://www.itu.int/ITU-T/studygroups/com05> | [tsbsg5@itu.int](mailto:tsbsg5@itu.int) |
| SG 9 | <http://www.itu.int/ITU-T/studygroups/com09> | [tsbsg9@itu.int](mailto:tsbsg9@itu.int) |
| SG 11 | <http://www.itu.int/ITU-T/studygroups/com11> | [tsbsg11@itu.int](mailto:tsbsg11@itu.int) |
| SG 12 | <http://www.itu.int/ITU-T/studygroups/com12> | [tsbsg12@itu.int](mailto:tsbsg12@itu.int) |
| SG 13 | <http://www.itu.int/ITU-T/studygroups/com13> | [tsbsg13@itu.int](mailto:tsbsg13@itu.int) |
| SG 15 | <http://www.itu.int/ITU-T/studygroups/com15> | [tsbsg15@itu.int](mailto:tsbsg15@itu.int) |
| SG 16 | <http://www.itu.int/ITU-T/studygroups/com16> | [tsbsg16@itu.int](mailto:tsbsg16@itu.int) |
| SG 17 | <http://www.itu.int/ITU-T/studygroups/com17> | [tsbsg17@itu.int](mailto:tsbsg17@itu.int) |
| SG 20 | <http://www.itu.int/ITU-T/studygroups/com20> | [tsbsg20@itu.int](mailto:tsbsg20@itu.int) |

Situation concerning Study Group 9 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [J.1020 (J.dmobile-sma)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7886) | Downloadable system for Multi-CA/DRM service of mobile broadcasting; Service model and architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ECE0801MSWE.docx&group=9)) | 2017-07-01 | 2017-07-28 | LJ | AR | 2017-10-01 | 2017-10-21 | AC |  | AC |

Situation concerning Study Group 12 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [E.831 (E.CEMI)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7976) | Customer experience management index for popular services in operators' network to score service quality that customer experience in terms of key network performance parameters ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F280801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | LJ |  |  |  |  |  | LJ |
| [G.1032 (G.QoE-gaming)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7977) | Influence Factors on Gaming Quality of Experience ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F290801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [P.804 (P.CQS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7978) | Subjective Diagnostic Test Method for Conversational Speech Quality Analysis ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F2A0801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [P.862.2 Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7979) | Wideband extension to Recommendation P.862 for the assessment of wideband telephone networks and speech codecs - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F2B0801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [P.1203](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7980) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F2C0801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [P.1203.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7981) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - video quality estimation module ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F2D0801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [P.1203.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7982) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - audio quality estimation module ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F2E0801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [P.1203.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7983) | Parametric bitstream-based quality assessment of progressive download and adaptive audiovisual streaming services over reliable transport - quality integration module ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F2F0801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [P.1301](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7984) | Subjective quality evaluation of audio and audiovisual multiparty telemeetings ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F300801MSWE.docx&group=12)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |

Situation concerning Study Group 15 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [G.993.2 (2015) Amd.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7890) | Very high speed digital subscriber line transceivers 2 (VDSL2) - Amendment 3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001ED20801MSWE.docx&group=15)) | 2017-09-16 | 2017-10-13 | LJ |  |  |  |  |  | LJ |

Situation concerning Study Group 16 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [H.810 (V4)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7986) | Interoperability design guidelines for personal connected health systems: Introduction ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F320801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.811](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7987) | Interoperability design guidelines for personal health systems: Personal health devices interface ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F330801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.812](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7992) | Interoperability design guidelines for personal health systems: Services interface: Common certified capability class ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F380801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.812.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7988) | Interoperability design guidelines for personal health systems: Services interface: Observation upload certified capability class ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F340801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.812.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7989) | Interoperability design guidelines for personal health systems: Services interface: Questionnaires ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F350801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.812.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7990) | Interoperability design guidelines for personal health systems: Services interface: Capability exchange certified capability class ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F360801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.812.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7991) | Interoperability design guidelines for personal health systems: Services interface: Authenticated persistent session capability ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F370802MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.813](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7993) | Interoperability design guidelines for personal health systems: Healthcare information system (HIS) interface ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F390801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.830.5 Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7994) | Conformance of ITU-T H.810 personal health system: Services interface Part 5: PCD-01 HL7 messages: Health & Fitness Service sender: Alignment with CDG2016 (Iris) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F3A0801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.830.6 Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7995) | Conformance of ITU-T H.810 personal health system: Services interface Part 6: PCD-01 HL7 messages: Health & Fitness Service receiver: Alignment with CDG2016 (Iris) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F3B0801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.845.10 Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7996) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5J: Insulin pump: Alignment with CDG2016 (Iris) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F3C0801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |
| [H.845.16 Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7997) | Conformance of ITU-T H.810 personal health system: Personal Health Devices interface Part 5P: Continuous glucose monitor: Alignment with CDG2016 (Iris) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F3D0801MSWE.docx&group=16)) | 2017-11-01 | 2017-11-28 |  |  |  |  |  |  | LC |

Situation concerning Study Group 17 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [X.680 Cor.2 (X.680 Cor.2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7946) | Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation - Technical Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F0A0801MSWE.doc&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [X.682 Cor.1 (X.682 Cor.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7947) | Information technology - Abstract Syntax Notation One (ASN.1): Constraint specification - Technical Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F0B0801MSWE.doc&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [X.693 Cor.1 (X.693 Cor.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7948) | Information technology - ASN.1 encoding rules: XML Encoding Rules (XER) - Technical Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F0C0801MSWE.doc&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [X.696 Cor.2 (X.696 Cor.2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7949) | Information technology - ASN.1 encoding rules: Specification of Octet Encoding Rules (OER) - Technical Corrigendum 2 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F0D0801MSWE.doc&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [X.697 (X.jsoner)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7950) | Information technology - ASN.1 encoding rules: Specification of JavaScript Object Notation Encoding Rules (JER) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F0E0801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [X.1040 (X.salcm)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7951) | Security reference architecture for lifecycle management of e-commerce business data ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F0F0801MSWE.doc&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [X.1146 (X.websec-8)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7952) | Secure protection guidelines for value-added services provided by telecommunication operators ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F100801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.161 (Z.161)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7959) | Testing and Test Control Notation version 3: TTCN-3 core language ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F170801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.161.1 (Z.161.1)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7953) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Support of interfaces with continuous signals ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F110801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.161.2 (Z.161.2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7954) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Configuration and deployment support ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F120801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.161.3 (Z.161.3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7955) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced parameterization ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F130801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.161.4 (Z.161.4)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7956) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Behaviour types ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F140801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.161.6 (Z.161.6)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7957) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Advanced matching ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F150801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.164 (Z.164)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7958) | Testing and Test Control Notation version 3: TTCN-3 operational semantics ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F160801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.165 (Z.165)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7960) | Testing and Test Control Notation version 3: TTCN-3 runtime interface (TRI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F180801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.166 (Z.166)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7961) | Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F190801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.167 (Z.167)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7962) | Testing and Test Control Notation version 3: Using ASN.1 with TTCN-3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F1A0801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.168 (Z.168)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7963) | Testing and Test Control Notation version 3: The IDL to TTCN-3 mapping ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F1B0801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.169 (Z.169)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7964) | Testing and Test Control Notation version 3: Using XML schema with TTCN-3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F1C0801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.170 (Z.170)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7965) | Testing and Test Control Notation version 3: TTCN-3 documentation comment specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F1D0801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |
| [Z.171 (Z.171)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7966) | Testing and Test Control Notation version 3: Using JSON with TTCN-3 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F1E0801MSWE.docx&group=17)) | 2017-09-16 | 2017-10-13 | A |  |  |  |  |  | A |

Situation concerning Study Group 20 Recommendations under AAP

| **Rec #** | **Title** | **Last Call (LC) Period** | | | | **Additional Review (AR) Period** | | | | Status |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **LC Start** | **LC End** | **LC Result** | **LJ Result** | **AR Start** | **AR End** | **AR Result** | **AJ Result** |
| [Y.4101/Y.2067](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7972) | Common requirements and capabilities of a gateway for Internet of Things applications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F240801MSWE.docx&group=20)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [Y.4116 (Y.TPS-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7970) | Requirements of transportation safety service including use cases and service scenarios ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F220801MSWE.docx&group=20)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [Y.4117 (Y.IoT-WDS-Reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7971) | Requirements and capabilities of Internet of Things for support of wearable devices and related services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F230801MSWE.docx&group=20)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [Y.4200 (Y.SSCP, Y.SCP)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7969) | Requirements for interoperability of smart city platforms ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F210801MSWE.docx&group=20)) | 2017-10-01 | 2017-10-28 | LJ |  |  |  |  |  | LJ |
| [Y.4201 (Y.frame-scc)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7968) | High-level requirements and reference framework of smart city platform ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F200801MSWE.docx&group=20)) | 2017-10-01 | 2017-10-28 | LJ |  |  |  |  |  | LJ |
| [Y.4455 (Y.IoT-NCE)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7974) | Reference architecture for IoT network service capability exposure ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F260801MSWE.docx&group=20)) | 2017-10-01 | 2017-10-28 | A |  |  |  |  |  | A |
| [Y.4500.1 (Y.oneM2M.ARC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7973) | oneM2M- Functional Architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F250801MSWE.docx&group=20)) | 2017-10-01 | 2017-10-28 | LJ |  |  |  |  |  | LJ |

Annex 2

(to TSB AAP-23)

Using the on-line comment submission form

Comment submission

1) Go to AAP search Web page at <http://www.itu.int/ITU-T/aap/>



2) Select your Recommendation



3) Click the "Submit Comment" button



4) Complete the on-line form and click on "Submit"



For more information, read the AAP tutorial on:   
<http://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

Annex 3

(to TSB AAP-23)

Recommendations under LC/AR – Comment submission form

*(Separate form for each Recommendation being commented upon)*

|  |  |
| --- | --- |
| ITU-T AAP comment submission form for the period 2009-2012 | |
| **Study Group:** |  |
| **Announcement number:** |  |
| **Recommendation number:** |  |
| **Recommendation under:** | Last call (LC)   Additional Review (AR) |
| **Country:** |  |
| **Administration/Company:** |  |
| **Name of AAP Contact Person:** |  |
| **Email of AAP Contact Person:** |  |
| **Sender name: (if different from AAP Contact Person)** |  |
| **Sender email address:** |  |
| **Telephone:** |  |
| **Comments: (Choose as applicable)** | We do not support this text. Reasons are given in the attachment.   We support this text on the condition that it be modified as per revision shown in the attachment. |
| **Observations:** |  |

**No attachment:** Comments are given in the Observation field, no attachment needed

*To be returned to: email:* [*tsbsg....@itu.int*](mailto:tsbsg....@itu.int) *[or fax +41 22 730 5853]  
Comments or revised text should be sent as an attachment in RTF or WinWord format.  
Revision marks must be shown relative to the text posted by TSB.*