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

Geneva, 16 August 2021

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-110**  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;  – To ITU Academia  **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 Recommendation ITU-T A.8 applies to Recommendations that 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.

Any member wishing to submit a comment relative to a Recommendation under AAP is encouraged to use the on-line AAP comment submission form available on the page of the Recommendation via [https://www.itu.int/ITU-T/aap](https://www.itu.int/ITU-T/aap/) (see **Annex 2**). Alternatively, comments may 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-110)

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:

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

Alternative approval process (AAP) welcome page:

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

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

Study Group web pages and contacts:

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

Situation concerning Study Group 13 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.2086 (Y.DNI-fr)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10055) | Framework and Requirements of Decentralized Trustworthy Network Infrastructure ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027470801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.2246 (Y.sfes)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10059) | Smart Farming Education Service based on u-learning environment ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200274B0801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.2501 (Y.CPN-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10056) | Computing Power Network - framework and architecture ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027480801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.3057 (Y.trust-index)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10058) | A trust index model for ICT infrastructures and services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200274A0801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.3077 (Y.ICN-interworking)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10051) | Framework for interworking of heterogeneous application domain connected objects through information-centric networking in IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027430801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.3526 (Y.ccecm-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10054) | Cloud computing - Functional requirements of edge cloud management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027460801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.3527 (Y.e2efapm)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10053) | Cloud computing - End-to-end fault and performance management framework of network services in inter-cloud ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027450801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.3606 (Y.bDPI-Mec)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10052) | Big data - deep packet inspection mechanism for network big data ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027440801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.3805 (Y.QKDN\_SDNC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10057) | Quantum Key Distribution Networks - Software Defined Networking Control ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027490801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |
| [Y.3806 (Y.QKDN-qos-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10050) | Quantum key distribution networks - Requirements for QoS assurance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027420801MSWE.docx&group=13)) | 2021-08-16 | 2021-09-12 |  |  |  |  |  |  | LC |

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.988 (2017) Amd.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9953) | ONU management and control interface (OMCI) specification: Amendment 4 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026E10801MSWE.docx&group=15)) | 2021-05-01 | 2021-05-28 | LJ | AR | 2021-08-16 | 2021-09-05 |  |  | AR |
| [G.8052.2/Y.1346.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9970) | Resilience Information/Data Models for Ethernet Transport Network Element ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026F20801MSWE.docx&group=15)) | 2021-05-01 | 2021-05-28 | LJ | AR | 2021-07-16 | 2021-08-05 | AC |  | AC |
| [G.9802.1 (G.WDMPON.req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9963) | Wavelength division multiplexed passive optical networks (WDM PON): General requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026EB0803MSWE.docx&group=15)) | 2021-05-01 | 2021-05-28 | LJ | AR | 2021-07-16 | 2021-08-05 | AC |  | AC |
| [G.9804.1 Amd.1 (G.hsp.req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9952) | Higher Speed Passive Optical Networks: Requirements - Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026E00801MSWE.docx&group=15)) | 2021-05-01 | 2021-05-28 | LJ | AR | 2021-07-16 | 2021-08-05 | AC |  | AC |
| [G.9804.2 (G.hsp.comTC)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=9955) | Higher Speed Passive Optical Networks: Common Transmission Convergence layer Specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020026E30801MSWE.docx&group=15)) | 2021-05-01 | 2021-05-28 | LJ | AR | 2021-08-16 | 2021-09-05 |  |  | AR |
| [G.9804.3 (G.hsp.50Gpmd)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=10039) | 50-Gigabit-capable passive optical networks (50G-PON): Physical media dependent (PMD) layer specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020027370801MSWE.docx&group=15)) | 2021-06-01 | 2021-06-28 | LJ | AR | 2021-08-16 | 2021-09-05 |  |  | AR |

Annex 2

(to TSB AAP-110)

Using the on-line comment submission form

Comment submission

1) Go to AAP search Web page at <https://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:   
<https://www.itu.int/ITU-T/aapinfo/files/AAPTutorial.pdf>

Annex 3

(to TSB AAP-110)

Recommendations under LC/AR – Comment submission form

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

|  |  |
| --- | --- |
| ITU-T AAP comment submission form | |
| **Study Group:** |  |
| **Announcement number:** |  |
| **Recommendation number:** |  |
| **Date consented:** |  |
| **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.*