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

Geneva, 1 October 2015

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| Ref:  Tel:  Fax:  E-mail: | **TSB AAP-66**  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 |

|  |  |
| --- | --- |
| 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-66)

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) |

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.2071 (Y.meg)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3332) | Framework of micro energy grid ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D040801MSWE.docx&group=13)) | 2015-09-01 | 2015-09-28 | A |  |  |  |  |  | A |
| [Y.2075 (Y.EHM-cap-framework)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3328) | Capability framework for e-health monitoring services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D000801MSWE.doc&group=13)) | 2015-09-01 | 2015-09-28 | A |  |  |  |  |  | A |
| [Y.2320 (Y.NGNe-VCN-Reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3329) | Requirements for Virtualization of Control Network entities in Next Generation Network evolution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D010801MSWE.docx&group=13)) | 2015-09-01 | 2015-09-28 | A |  |  |  |  |  | A |
| [Y.3520 Rev.1 (Y.3520 ed2)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3331) | Cloud computing framework for end to end resource management ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D030802MSWE.docx&group=13)) | 2015-09-01 | 2015-09-28 | A |  |  |  |  |  | A |
| [Y.3600 (Y.BigData-reqts)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3330) | Requirements and capabilities for cloud computing based big data ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D020801MSWE.docx&group=13)) | 2015-09-01 | 2015-09-28 | LJ |  |  |  |  |  | LJ |

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.989](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3289) | 40-Gigabit-capable passive optical network (NG PON2): Definitions, abbreviations and acronyms ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000CD90801MSWE.doc&group=15)) | 2015-07-16 | 2015-08-12 | LJ | AR | 2015-10-01 | 2015-10-21 |  |  | AR |
| [G.989.3 (G.ngpon2.3)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3292) | 40-Gigabit-capable passive optical networks (NG PON2): Transmission Convergence Layer Specification ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000CDC0801MSWE.docx&group=15)) | 2015-07-16 | 2015-08-12 | LJ | AR | 2015-10-01 | 2015-10-21 |  |  | AR |

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.1155 (X.sap-5)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3346) | Guidelines on local linkable anonymous authentication for electronic services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D120801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [X.1314 Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3345) | Security requirements and framework of ubiquitous networking - Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D110801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [X.1601](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3344) | Security framework for cloud computing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D100801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.161](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3338) | Testing and Test Control Notation version 3: TTCN-3 core language ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D0A0801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.161.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3339) | 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=T0102000D0B0801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.161.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3340) | 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=T0102000D0C0801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.161.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3341) | 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=T0102000D0D0801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.161.4](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3342) | 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=T0102000D0E0801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.161.5](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3343) | Testing and Test Control Notation version 3: TTCN-3 Language extensions: Performance and real time testing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D0F0801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.165](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3336) | Testing and Test Control Notation version 3: TTCN-3 runtime interface (TRI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D080801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.165.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3337) | Testing and Test Control Notation version 3: TTCN-3 language extensions: Extended TRI ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D090801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.166](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3335) | Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102000D070801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.168](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3334) | 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=T0102000D060801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |
| [Z.169](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=3333) | 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=T0102000D050801MSWE.docx&group=17)) | 2015-10-01 | 2015-10-28 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-66)

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-66)

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.*