|  |  |  |
| --- | --- | --- |
|  | الا تحــاد الــدولي للاتصــالات  *مكتب تقييس الاتصالات* | itu_logo |

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| --- | --- | --- |
|  |  | جنيف، 16 سبتمبر 2017 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-20**  AAP/CL  +41 22 730 5860  +41 22 730 5853  tsbdir@itu.int | - إلى إدارات الدول الأعضاء في الاتحاد؛  - إلى أعضاء قطاع تقييس الاتصالات؛  - إلى المنتسبين إلى قطاع تقييس الاتصالات  **نسخة إلى:**  - رؤساء لجان الدراسات في قطاع تقييس الاتصالات ونوابهم؛  - مدير مكتب تنمية الاتصالات؛  - مدير مكتب الاتصالات الراديوية |

الموضوع: **حالة التوصيات الخاضعة لعملية الموافقة البديلة (AAP)**

حضرات السادة والسيدات،

تحية طيبة وبعد،

تنطبق عملية الموافقة البديلة (AAP) المعرفة في التوصية ITU‑T A.8 على التوصيات التي لا تنطوي على بعد سياسي أوتنظيمي ولا تتطلب بالتالي استشارة الدول الأعضاء رسمياً (انظر الرقم 246B من اتفاقية الاتحاد).

ويتضمن **الملحق 1** لائحة بالنصوص التي تغيرت حالتها مقارنة بما جاء في إعلانات عملية الموافقة البديلة السابقة.

إذا رغبتم في تقديم تعليق بشأن توصية ما خاضعة لعملية الموافقة البديلة، فنرجو منكم استعمال استمارة التعليق على الخط المتوفّرة على موقع قطاع تقييس الاتصالات على صفحة عملية الموافقة البديلة [http://www.itu.int/ITU-T/aap](http://www.itu.int/ITU-T/aap/) على المدخل الخاص بالتوصية المعنية (انظر **الملحق** (**2**. وبديلاً من ذلك، يمكنكم تقديم التعليقات باستكمال الاستمارة الواردة في **الملحق 3** وإرسالها إلى أمانة لجنة الدراسات المعنية بالأمر.

وتجدر الإشارة إلى أنه يفضّل عدم إرسال تعليقات تقتصر على تأييد اعتماد النص قيد النظر.

وتفضلوا بقبول فائق الاحترام والتقدير.

تشيساب لي  
مدير مكتب تقييس الاتصالات

**الملحقات:** 3

Annex 1

(to TSB AAP-20)

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 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.2241 (Y.fsul)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7941) | Service framework to support web objects based ubiquitous self-directed learning ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F050801MSWE.docx&group=13)) | 2017-08-16 | 2017-09-12 | A |  |  |  |  |  | A |
| [Y.3100 (Y.IMT2020-terms)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7937) | Terms and definitions for IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F010801MSWE.docx&group=13)) | 2017-08-16 | 2017-09-12 | A |  |  |  |  |  | A |
| [Y.3110 (Y.IMT2020-mgmt-req)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7938) | IMT-2020 Network Management and Orchestration Requirements ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F020801MSWE.docx&group=13)) | 2017-08-16 | 2017-09-12 | A |  |  |  |  |  | A |
| [Y.3111 (Y.IMT2020-mgmt-frame)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7939) | IMT-2020 Network Management and Orchestration Framework ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F030801MSWE.docx&group=13)) | 2017-08-16 | 2017-09-12 | A |  |  |  |  |  | A |
| [Y.3516 (Y.CCIC-arch)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7940) | Cloud computing - Functional architecture of inter-cloud computing ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001F040801MSWE.doc&group=13)) | 2017-08-16 | 2017-09-12 | 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.873.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7913) | Optical Transport Network (OTN): Linear protection ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001EE90801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-09-16 | 2017-10-06 |  |  | AR |
| [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 |  |  |  |  |  |  | LC |
| [G.8271.1/Y.1366.1 (2013)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7926) | Network limits for time synchronization in Packet networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001EF60801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-09-16 | 2017-10-06 |  |  | AR |
| [G.8273.3/Y.1368.3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7930) | Timing characteristics of telecom transparent clocks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001EFA0801MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-09-16 | 2017-10-06 |  |  | AR |
| [G.9807.1 Amd.1 (G.XGS-PON)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=7903) | 10-Gigabit-capable symmetric passive optical network (XGS-PON)- Amendment 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T0102001EDF0802MSWE.docx&group=15)) | 2017-07-16 | 2017-08-12 | LJ | AR | 2017-09-16 | 2017-10-06 |  |  | 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.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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |
| [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 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-20)

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-20)

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.*