|  |  |  |
| --- | --- | --- |
|  | الا تحــاد الــدولي للاتصــالات  *مكتب تقييس الاتصالات* | ITU official logo_blue_RGB |

|  |  |  |
| --- | --- | --- |
|  |  | جنيف، 16 سبتمبر 2019 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-66**  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؛  - الهيئات الأكاديمية المنضمة إلى الاتحاد  **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 [https://www.itu.int/ITU-T/aap](https://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-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:

[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 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.1600 (J.pcnp-fmw)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8469) | Premium Cable Network Platform (PCNP) - Framework ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021150801MSWE.docx&group=9)) | 2019-07-01 | 2019-07-28 | LJ | AR | 2019-09-16 | 2019-10-06 |  |  | AR |

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** |
| [G.1033 (G.DFS)](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8551) | QoS and QoE aspects of digital financial services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021670801MSWE.docx&group=12)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Y.1540](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8439) | Internet protocol data communication service - IP packet transfer and availability performance parameters ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020020F70801MSWE.docx&group=12)) | 2019-06-01 | 2019-06-28 | LJ | AR | 2019-09-16 | 2019-10-06 |  |  | 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.500](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8527) | Edition 9 of Rec. ITU-T X.500 | ISO/IEC 9594-1 Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200214F0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.501](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8528) | Edition 9 of Rec. ITU-T X.501 | ISO/IEC 9594-2 Information technology - Open Systems Interconnection - The Directory: Models ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021500801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.509](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8529) | Edition 9 of Rec. ITU-T X.509 | ISO/IEC 9594-8 Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021510801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.511](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8530) | Edition 9 of Rec. ITU-T X.511 | ISO/IEC 9594-3 Information technology - Open Systems Interconnection - The Directory: Abstract service definition ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021520801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.518](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8531) | Edition 9 of Rec. ITU-T X.518 | ISO/IEC 9594-4 Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021530801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.519](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8532) | Edition 9 of Rec. ITU-T X.519 | ISO/IEC 9594-5 Information technology - Open Systems Interconnection - The Directory: Protocol specifications ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021540801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.520](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8533) | Edition 9 of Rec. ITU-T X.520 | ISO/IEC 9594-6 Information technology - Open Systems Interconnection - The Directory: Selected attribute types ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021550801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.521](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8534) | Edition 9 of Rec. ITU-T X.521 | ISO/IEC 9594-7 Information technology - Open Systems Interconnection - The Directory: Selected object classes ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021560801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.525](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8535) | Edition 9 of Rec. ITU-T X.525 | ISO/IEC 9594-9 Information technology - Open Systems Interconnection - The Directory: Replication ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021570801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.694 (2015) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8536) | Information technology - ASN.1 encoding rules: Mapping W3C XML schema definitions into ASN.1 Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021580802MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [X.893 (2007) Cor.1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8537) | Information technology - Generic applications of ASN.1: Fast infoset security Technical Corrigendum 1 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021590801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.100](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8552) | Specification and Description Language - Overview of SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021680801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.100 Annex F1](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8556) | Specification and Description Language - Overview of SDL-2010 - SDL formal definition: General overview ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200216C0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.100 Annex F2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8557) | Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Static semantics ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200216D0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.100 Annex F3](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8558) | Specification and Description Language - Overview of SDL-2010 - SDL formal definition: Dynamic semantics ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200216E0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.101](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8538) | Specification and Description Language - Basic SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215A0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.102](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8539) | Specification and Description Language - Comprehensive SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215B0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.103](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8540) | Specification and Description Language - Shorthand notation and annotation in SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215C0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.104](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8541) | Specification and Description Language - Data and action language in SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215D0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.105](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8542) | Specification and Description Language - SDL-2010 combined with ASN.1 modules ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215E0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.106](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8543) | Specification and Description Language - Common interchange format for SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200215F0801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.107](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8544) | Specification and Description Language - Object-oriented data in SDL-2010 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021600801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.161](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8545) | Testing and Test Control Notation version 3: TTCN-3 core language ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021610801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.161.2](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8546) | 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=T01020021620801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.161.6](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8547) | 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=T01020021630801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.161.7](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8550) | Testing and Test Control Notation version 3: TTCN-3 Language Extensions: Object-Oriented Features ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021660801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.166](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8548) | Testing and Test Control Notation version 3: TTCN-3 control interface (TCI) ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020021640801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |
| [Z.169](http://www.itu.int/itu-t/aap/AAPRecDetails.aspx?AAPSeqNo=8549) | 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=T01020021650801MSWE.docx&group=17)) | 2019-09-16 | 2019-10-13 |  |  |  |  |  |  | LC |

Annex 2

(to TSB AAP-66)

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-66)

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.*