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

|  |  |  |
| --- | --- | --- |
|  |  | جنيف، 1 اكتوبر 2022 |
| المرجع:    الهاتف:  الفاكس:  البريد الإلكتروني: | **TSB AAP-14**  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-14)

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 5 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** |
| [L.1333 (L.NCIe)](https://www.itu.int/t/aap/recdetails/10264) | Carbon data intensity for network energy performance monitoring ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028180802MSWE.docx&group=5)) | 2022-07-16 | 2022-08-12 | LJ | AR | 2022-09-01 | 2022-09-21 | AC |  | AC |
| [L.1481 (L.Connect2030)](https://www.itu.int/t/aap/recdetails/10273) | Guidance on how to address Connect2030 targets on net abatement ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028210801MSWE.docx&group=5)) | 2022-10-01 | 2022-10-28 |  |  |  |  |  |  | LC |

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.1](https://www.itu.int/t/aap/recdetails/10320) | Terms, definitions and acronyms for television and sound transmission and integrated broadband cable networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028500801MSWE.docx&group=9)) | 2022-10-01 | 2022-10-28 |  |  |  |  |  |  | LC |
| [J.224](https://www.itu.int/t/aap/recdetails/10321) | Fifth-generation transmission systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028510801MSWE.docx&group=9)) | 2022-10-01 | 2022-10-28 |  |  |  |  |  |  | LC |
| [J.225](https://www.itu.int/t/aap/recdetails/10322) | Fourth-generation transmission systems for interactive cable television services - IP cable modems ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028520801MSWE.docx&group=9)) | 2022-10-01 | 2022-10-28 |  |  |  |  |  |  | LC |
| [J.1611](https://www.itu.int/t/aap/recdetails/10323) | Functional requirements for Smart Home Gateway ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028530801MSWE.docx&group=9)) | 2022-10-01 | 2022-10-28 |  |  |  |  |  |  | LC |

Situation concerning Study Group 11 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** |
| [Q.3062 (Q.Pro-Trust)](https://www.itu.int/t/aap/recdetails/10276) | Signalling procedures and protocols for enabling interconnection between trustable network entities in support of existing and emerging networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028240801MSWE.docx&group=11)) | 2022-09-01 | 2022-09-28 | AT |  |  |  |  |  | AT |
| [Q.3063 (Q.CIDA)](https://www.itu.int/t/aap/recdetails/10277) | Signalling procedures of calling line identification authentication ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028250801MSWE.docx&group=11)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Q.3406 (Q.telemetry-VBNS)](https://www.itu.int/t/aap/recdetails/10274) | Signalling requirements for telemetry of virtual broadband network services ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028220801MSWE.docx&group=11)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Q.3721 (Q.BNG-P4switch)](https://www.itu.int/t/aap/recdetails/10275) | Procedures for Programming Protocol-Independent Packet Processors (p4) Switch-based vBNG ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028230801MSWE.docx&group=11)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Q.4069 (Q.GDC-IoT-test)](https://www.itu.int/t/aap/recdetails/10279) | Testing requirements and procedures for Internet of Things based green data centres ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028270801MSWE.docx&group=11)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Q.5025 (Q.PMUPF)](https://www.itu.int/t/aap/recdetails/10278) | Protocol for managing User Plane function in IMT-2020 network ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028260801MSWE.docx&group=11)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |

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.2344 (Y.IBN-reqts)](https://www.itu.int/t/aap/recdetails/10280) | Scenarios and requirements of Intent-Based Network for network evolution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028280801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | LJ |  |  |  |  |  | LJ |
| [Y.3079 (Y.ICN-NMR)](https://www.itu.int/t/aap/recdetails/10293) | Information-Centric Networking in networks beyond IMT-2020: Framework of locally enhanced name mapping and resolution ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028350801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3080 (Y.ICN-TL)](https://www.itu.int/t/aap/recdetails/10294) | Information-Centric Networking in networks beyond IMT-2020: Requirements and Mechanisms of Transport Layer ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028360801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3081 (Y.SCid-fr)](https://www.itu.int/t/aap/recdetails/10295) | Self-Controlled Identity based on Blockchain: Requirements and Framework ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028370801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3117 (Y.IMT2020-qos-req-se)](https://www.itu.int/t/aap/recdetails/10281) | Quality of service assurance-related requirements and framework for smart education supported by IMT-2020 and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028290801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3118 (Y.IMT2020-jg-lsn)](https://www.itu.int/t/aap/recdetails/10282) | Requirements and framework for jitter guarantee in large scale networks including IMT-2020 and beyond ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200282A0801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3137 (Y.FMC -AAEC-req)](https://www.itu.int/t/aap/recdetails/10296) | Technical requirements for supporting application addressing in edge computing for future networks including IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028380801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3138 (Y.FMC-EC)](https://www.itu.int/t/aap/recdetails/10297) | Unified multi-access edge computing for supporting fixed mobile convergence in IMT-2020 networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028390801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3139 (Y.FMC-SDWAN)](https://www.itu.int/t/aap/recdetails/10298) | Fixed mobile convergence enhancements to support IMT-2020 based software-defined wide area networking service ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200283A0801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3158 (Y.LSMEC)](https://www.itu.int/t/aap/recdetails/10292) | Local shunting for multi-access edge computing in IMT-2020 networks ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028340801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3181 (Y.ML-IMT2020-SANDBOX)](https://www.itu.int/t/aap/recdetails/10290) | Architectural framework for Machine Learning Sandbox in future networks including IMT-2020 ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028320801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3182 (Y.ML-IMT2020-E2E-MGMT)](https://www.itu.int/t/aap/recdetails/10291) | Machine learning based end-to-end multi-domain network slice management and orchestration ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028330801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3537 (Y.mc-reqts)](https://www.itu.int/t/aap/recdetails/10287) | Cloud computing – Functional requirements of cloud service partner for multi-cloud ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200282F0801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3538 (Y.ccgmfdc)](https://www.itu.int/t/aap/recdetails/10289) | Cloud computing - Global management framework of distributed cloud ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028310801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3602 (Y.3602 (Rev))](https://www.itu.int/t/aap/recdetails/10288) | Big data - Functional requirements for data provenance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T01020028300801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | LJ |  |  |  |  |  | LJ |
| [Y.3655 (Y. bDDN-MCMec)](https://www.itu.int/t/aap/recdetails/10285) | Big data driven networking - management and control mechanisms ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200282D0801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3810 (Y.QKDN-iwfr)](https://www.itu.int/t/aap/recdetails/10286) | Quantum key distribution network interworking - framework ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200282E0801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3811 (Y.QKDN-qos-fa)](https://www.itu.int/t/aap/recdetails/10283) | Quantum key distribution networks - Functional architecture for quality of service assurance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200282B0801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | A |  |  |  |  |  | A |
| [Y.3812 (Y.QKDN-qos-ml-req)](https://www.itu.int/t/aap/recdetails/10284) | Quantum key distribution networks - Requirements for machine learning based quality of service assurance ([Summary](https://www.itu.int/ITU-T/aap/dologin_aap.asp?id=T010200282C0801MSWE.docx&group=13)) | 2022-09-01 | 2022-09-28 | LJ |  |  |  |  |  | LJ |

Annex 2

(to TSB AAP-14)

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-14)

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.*