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| ITU official logo_blue_RGB | Международный союз электросвязи  *Бюро стандартизации электросвязи* |  |

Женева, 16 сентября 2019

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| --- | --- | --- |
| Осн.:  Тел.:  Факс:  Эл. почта: | **TSB AAP-66**  AAP/CL  +41 22 730 5860  +41 22 730 5853  [tsbdir@itu.int](mailto:tsbdir@itu.int) | – Администрациям Государств – Членов Союза;  – Членам Сектора МСЭ-Т;  – Ассоциированным членам МСЭ-Т;  – Академическим организациям − Членам МСЭ  **Копии:**  – Председателям и заместителям председателей Исследовательских комиссий МСЭ-Т;  – Директору Бюро Развития Электросвязи;  – Директору Бюро Радиосвязи |

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| Предмет: | **Положение относительно Рекомендаций, рассматриваемых в соответствии с альтернативным процессом утверждения (АПУ)** |

Уважаемая госпожа,  
уважаемый господин,

Альтернативный процесс утверждения (АПУ), определенный в Рекомендации МСЭ-Т А.8, распространяется на Рекомендации, которые не имеют политических или регламентарных последствий и которые поэтому не требуют официальных консультаций с Государствами-Членами (см. п. 246B Конвенции МСЭ).

В **Приложении 1** содержится перечень текстов, статус которых изменился по сравнению с предыдущими объявлениями об АПУ БСЭ.

Если вы желаете представить замечания относительно какой-либо Рекомендации, рассматриваемой в соответствии с АПУ, рекомендуем Вам использовать онлайновую форму для представления замечаний по АПУ, которая размещена на странице этой Рекомендации в разделе веб-сайта МСЭ-Т, посвященном АПУ, по адресу: [http://www.itu.int/ITU-T/aap/](https://www.itu.int/ITU-T/aap/) (см. **Приложение 2**). Замечания можно представить иным способом, заполнив приведенную в **Приложении 3** форму и направив ее в секретариат заинтересованной исследовательской комиссии.

Просим принять к сведению, что не рекомендуется представлять замечания, являющиеся не чем иным, как поддержкой рассматриваемого текста.

С уважением,

Чхе Суб Ли  
Директор Бюро стандартизации электросвязи

**Приложения**: 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.*