ITU-T

TELECOMMUNICATION STANDARDIZATION SECTOR OF IT! X.683

Corrigendum 1 (05/2018)

SERIES X: DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY

OSI networking and system aspects – Abstract Syntax Notation One (ASN.1)

Information technology – Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications

Technical Corrigendum 1

Recommendation ITU-T X.683 (2015) – Technical Corrigendum 1



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For further details, please refer to the list of ITU-T Recommendations.

INTERNATIONAL STANDARD ISO/IEC 8824-4 RECOMMENDATION ITU-T X.683

Information technology – Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications

Technical Corrigendum 1

Summary

Technical corrigendum 1 to Rec. ITU-T $X.683 \mid ISO/IEC \mid 8824-4 \mid Provides corrections which prevent parameterization from producing infinite ASN.1 definitions.$

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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2.1	ITU-T X.683 (1997) Amd. 1	1999-06-18	7	11.1002/1000/4703
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3.1	ITU-T X.683 (2002) Technical Cor. 1	2007-05-29	17	11.1002/1000/9107
4.0	ITU-T X.683	2008-11-13	17	11.1002/1000/9607
4.1	ITU-T X.683 (2008) Cor. 1	2014-03-01	17	11.1002/1000/12146
5.0	ITU-T X.683	2015-08-13	17	11.1002/1000/12482
5.1	ITU-T X.683 (2015) Cor. 1	2018-05-14	17	11.1002/1000/13601

^{*} To access the Recommendation, type the URL http://handle.itu.int/ in the address field of your web browser, followed by the Recommendation's unique ID. For example, http://handle.itu.int/11.1002/1000/11830-en.

FOREWORD

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The World Telecommunication Standardization Assembly (WTSA), which meets every four years, establishes the topics for study by the ITU-T study groups which, in turn, produce Recommendations on these topics.

The approval of ITU-T Recommendations is covered by the procedure laid down in WTSA Resolution 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

In this Recommendation, the expression "Administration" is used for conciseness to indicate both a telecommunication administration and a recognized operating agency.

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INTERNATIONAL STANDARD ITU-T RECOMMENDATION

Information technology – Abstract Syntax Notation One (ASN.1): Parameterization of ASN.1 specifications

Technical Corrigendum 1

Conventions used in this corrigendum: Original, unchanged, text is in normal font. Deleted text is struck-through, thus: deleted text. Inserted text is underlined, thus: inserted text.

1 Clause 8.7

Replace clause 8.7 with:

8.7 In the definition of a "ParameterizedType", "ParameterizedValueSet", or "ParameterizedObjectClass", a "DummyReference" shall not be passed as a tagged type (as an actual parameter) to a recursive reference to that "ParameterizedType", "ParameterizedValueSet", or "ParameterizedObjectClass"Given a set of parameterized assignments (one or more) and a recursive path of parameterized references crossing one or more of those parameterized assignments, all the parameterized references along that path shall satisfy the following condition: Each actual parameter present in the parameterized reference shall either consist solely of a dummy reference (with no lexical items or comments preceding or following the dummy reference) or shall not contain any dummy reference (see A.3).

Rec. ITU-T X.683 (2015)/Cor.1 (05/2018)

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