SERIES X: DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY

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

Information technology – Specification of Packed Encoding Rules (PER)

Technical Corrigendum 3

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DATA NETWORKS, OPEN SYSTEM COMMUNICATIONS AND SECURITY

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INTERNATIONAL STANDARD ISO/IEC 8825-2
RECOMMENDATION ITU-T X.691

Information technology – Specification of Packed Encoding Rules (PER)

Technical Corrigendum 3

Summary

This Technical Corrigendum 3 to Rec. ITU-T X.691 (2008) | ISO/IEC 8825-2:2008 provides corrections and clarifications to various minor problems.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
1.0	ITU-T X.691	1995-04-10	7	11.1002/1000/3047
1.1	ITU-T X.691 (1995) Technical Cor. 1	1997-12-12	7	11.1002/1000/4184
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2.0	ITU-T X.691	1997-12-12	7	11.1002/1000/4448
2.1	ITU-T X.691 (1997) Technical Cor. 1	1999-06-18	7	11.1002/1000/4707
2.2	ITU-T X.691 (1997) Amd. 1	1999-06-18	7	11.1002/1000/4706
2.3	ITU-T X.691 (1997) Technical Cor. 2	2001-02-02	7	11.1002/1000/5337
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3.1	ITU-T X.691 (2002) Amd. 1	2003-10-29	17	11.1002/1000/7022
3.2	ITU-T X.691 (2002) Technical Cor. 1	2005-05-14	17	11.1002/1000/8513
3.3	ITU-T X.691 (2002) Technical Cor. 2	2005-11-29	17	11.1002/1000/8638
3.4	ITU-T X.691 (2002) Amd. 2	2006-06-13	17	11.1002/1000/8839
3.5	ITU-T X.691 (2002) Amd. 3	2007-05-29	17	11.1002/1000/9109
4.0	ITU-T X.691	2008-11-13	17	11.1002/1000/9609
4.1	ITU-T X.691 (2008) Cor. 1	2011-10-14	17	11.1002/1000/11379
4.2	ITU-T X.691 (2008) Cor. 2	2012-04-13	17	11.1002/1000/11585
4.3	ITU-T X.691 (2008) Cor. 3	2014-11-13	17	11.1002/1000/12337
4.4	ITU-T X.691 (2008) Cor. 4	2014-11-13	17	11.1002/1000/12339

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* 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

The International Telecommunication Union (ITU) is the United Nations specialized agency in the field of telecommunications, information and communication technologies (ICTs). The ITU Telecommunication Standardization Sector (ITU-T) is a permanent organ of ITU. ITU-T is responsible for studying technical, operating and tariff questions and issuing Recommendations on them with a view to standardizing telecommunications on a worldwide basis.

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.

Compliance with this Recommendation is voluntary. However, the Recommendation may contain certain mandatory provisions (to ensure, e.g., interoperability or applicability) and compliance with the Recommendation is achieved when all of these mandatory provisions are met. The words "shall" or some other obligatory language such as "must" and the negative equivalents are used to express requirements. The use of such words does not suggest that compliance with the Recommendation is required of any party.

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As of the date of approval of this Recommendation, ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementers are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database at http://www.itu.int/ITU-T/ipr/.

INTERNATIONAL STANDARD
RECOMMENDATION ITU-T

Information technology – Specification of Packed Encoding Rules (PER)

Technical Corrigendum 3

Conventions used in this corrigendum: Original, unchanged, text is in normal font; deleted text has been struck through, thus: deleted text; inserted text is underlined, thus: inserted text.

1) Clause 19.1

Update clause 19.1 as shown:

19.1 If the sequence type ~~has~~ definition contains an extension marker in the "ComponentTypeLists" or in the "SequenceType" productions, then a single bit shall first be added to the field-list in a bit-field of length one. The bit shall be one if values of extension additions are present in this encoding, and zero otherwise. (This bit is called the "extension bit" in the following text.) If there is no extension marker in the "ComponentTypeLists" or in the "SequenceType" productions, there shall be no extension bit added.

2) Clause 23.5

Update clause 23.5 as shown:

23.5 If the choice type definition has an extension marker in the "AlternativeTypeLists" production, then a single bit shall first be added to the field-list in a bit-field of length one. The bit shall be 1 if a value of an extension addition is present in the encoding, and zero otherwise. (This bit is called the "extension bit" in the following text.) If there is no extension marker in the "AlternativeTypeLists" production, there shall be no extension bit added.

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