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TECHNICAL CORRIGENDUM 2

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**Information technology — Abstract Syntax Notation One (ASN.1):
Specification of basic notation**

Part 1:

TECHNICAL CORRIGENDUM 2

Technologies de l'information — Notation de syntaxe abstraite numéro un (ASN.1): Spécification de la notation de base

Partie 1:

RECTIFICATIF TECHNIQUE 2

Technical Corrigendum 2 to this document was prepared by ISO/IEC JTC 1, *Information technology, SC 6, Telecommunications and information exchange between systems*, in collaboration with ITU-T. The identical text is published as ITU-T X.680 (10/2017).

INTERNATIONAL STANDARD ISO/IEC 8824-1
RECOMMENDATION ITU-T X.680Information technology – Abstract Syntax Notation One (ASN.1):
Specification of basic notation

Technical Corrigendum 2

Summary

This technical corrigendum to Rec. ITU-T X.680 | ISO/IEC 8824-1 provides a correction to the algorithm for analysing time type value notation in Annex K as well as some typing errors in Annex G and Annex L.

History

Edition	Recommendation	Approval	Study Group	Unique ID*
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1.2	ITU-T X.680 (1994) Technical Cor. 1	1995-11-21	7	11.1002/1000/3282
1.3	ITU-T X.680 (1994) Technical Cor. 2	1997-12-12	7	11.1002/1000/4180
1.4	ITU-T X.680 (1994) Amd. 1/Technical Cor.1	1997-12-12	7	11.1002/1000/4179
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2.3	ITU-T X.680 (1997) Amd. 2	1999-06-18	7	11.1002/1000/4699
2.4	ITU-T X.680 (1997) Technical Cor. 2	2000-03-31	7	11.1002/1000/5046
2.5	ITU-T X.680 (1997) Technical Cor. 3	2001-02-02	7	11.1002/1000/5331
2.6	ITU-T X.680 (1997) Technical Cor. 4	2001-03-15	7	11.1002/1000/5332
2.7	ITU-T X.680 (1997) Amd. 3	2001-10-29	7	11.1002/1000/5562
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4.2	ITU-T X.680 (2008) Cor. 2	2014-03-01	17	11.1002/1000/12144
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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.

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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/>.

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INTERNATIONAL STANDARD
ITU-T RECOMMENDATION**Information technology – Abstract Syntax Notation One (ASN.1): Specification of basic notation**

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 G.2.8

Replace the last occurrence of **PackedBCDString-AbstractSyntaxId** with `packedBCDString-AbstractSyntaxId` (lowercase the first letter).

2 Clause G.4.3

Replace the first occurrence of **Abstract-Syntax** with **abstract-Syntax** (lowercase the first letter).

3 Clause K.2.6

Replace clause K.2.6 with:

K.2.6 Otherwise, if the string contains a COLON (":"), or has less than four characters, or has more than four characters with the third character being a PLUS ("+") or HYPHEN-MINUS ("-"), then it has the property setting "Basic=Time" and can be analyzed as a string containing a time (see K.7) to determine further property settings.

4 Clause L

Replace **ExensionEndMarker** with **ExtensionEndMarker** in the *ComponentTypeLists* production.