

# ITU-T

TELECOMMUNICATION  
STANDARDIZATION SECTOR  
OF ITU

## X.680

**Corrigendum 2**  
(10/2017)

SERIES X: DATA NETWORKS, OPEN SYSTEM  
COMMUNICATIONS AND SECURITY

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

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

**Technical Corrigendum 2**

Recommendation ITU-T X.680 (2015) – Technical  
Corrigendum 2

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**Information 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**

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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>.

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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.

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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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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.*





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