

ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

X.680

Corrigendum 1
(05/2005)

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): Specification of basic notation

Technical Corrigendum 1

ITU-T Recommendation X.680 (2002) – Technical
Corrigendum 1

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

Technical Corrigendum 1

Summary

This technical corrigendum to ITU-T Rec. X.680 | ISO/IEC 8824-1 clarifies which "SubtypeElements" are permitted in "PermittedAlphabet" constraint.

Source

Corrigendum 1 to ITU-T Recommendation X.680 (2002) was approved on 14 May 2005 by ITU-T Study Group 17 (2005-2008) under the ITU-T Recommendation A.8 procedure. An identical text is also published as Technical Corrigendum 1 to ISO/IEC 8824-1.

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):
Specification of basic notation****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) Subclause 47.7.3

Replace subclause 47.7.3 with the following:

47.7.3 The "Constraint" ~~is any which could be applied to the parent type (see Table 9), except that it shall use the "SubtypeConstraint" alternative of "ConstraintSpec".~~ Each "SubtypeElements" within that "SubtypeConstraint" shall be one of the three alternatives "SingleValue", "ContainedSubtype", and "ValueRange". The sub-alphabet includes precisely those characters which appear in one or more of the values of the parent string type which are allowed by the "Constraint".

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