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

AMENDMENT 1: ASN.1 semantic model

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*Technologies de l'information — Notation de syntaxe abstraite numéro un
(ASN.1): Paramétrage des spécifications ASN.1*

AMENDEMENT 1: Modèle sémantique ASN.1

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Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
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Foreword

ISO (the International Organization for Standardization) and IEC (the International Electrotechnical Commission) form the specialized system for worldwide standardization. National bodies that are members of ISO or IEC participate in the development of International Standards through technical committees established by the respective organization to deal with particular fields of technical activity. ISO and IEC technical committees collaborate in fields of mutual interest. Other international organizations, governmental and non-governmental, in liaison with ISO and IEC, also take part in the work.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this Amendment may be the subject of patent rights. ISO and IEC shall not be held responsible for identifying any or all such patent rights.

Amendment 1 to International Standard ISO/IEC 8824-4:1998 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, Subcommittee SC 6, *Telecommunications and information exchange between systems*, in collaboration with ITU-T. The identical text is published as ITU-T Rec. X.683/Amd.1.

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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

**INFORMATION TECHNOLOGY –
ABSTRACT SYNTAX NOTATION ONE (ASN.1):
PARAMETERIZATION OF ASN.1 SPECIFICATIONS**

**AMENDMENT 1
ASN.1 semantic model**

1) New subclauses 8.12 and 8.13

Add two new subclauses after 8.11 as follows:

8.12 When a value or value set is supplied to a parameterized type as an actual parameter, the type of the actual parameter is required to be compatible with the governor of the corresponding dummy parameter. (See ITU-T Rec. X.680 | ISO/IEC 8824-1, subclauses F.6.2 and F.6.3 for details.)

8.13 In defining a parameterized type with a value or a value set dummy parameter, the type used to govern that dummy parameter shall be a type, all of whose values are valid for use in all places to the right of the assignment where the dummy parameter is used. (See ITU-T Rec. X.680 | ISO/IEC 8824-1, subclause F.6.5 for details.)

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