



INTERNATIONAL STANDARD ISO/IEC 8824-1:1998
TECHNICAL CORRIGENDUM 4

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

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

RECTIFICATIF TECHNIQUE 4

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ITU-T RECOMMENDATIONInformation technology – Abstract Syntax Notation One (ASN.1):
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1) **Table 2 of subclause 10.1**

Add the character "/" to the last row of Table 2 of subclause 10.1.

2) **Subclause 11.6.1 bis**

Add a new subclause 11.6.1 bis after subclause 11.6.1 as follows:

11.6.1 bis The lexical item "comment" can have two forms:

- One-line comments which begin with "--" as explained in 11.6.2;
- Multiple-line comments which begin with "/*" as explained in 11.6.3.

3) **Subclause 11.6.2**

Replace subclause 11.6.2 with:

11.6.2 Whenever a "comment" begins with a pair of adjacent hyphens, it shall end with the next pair of adjacent hyphens or at the end of the line, whichever occurs first. A comment shall not contain a pair of adjacent hyphens other than the pair which starts it and the pair, if any, which ends it. If a comment beginning with "--" includes the adjacent characters "/*" or "*/", these have no special meaning and are considered part of the comment. The comment may include graphic symbols which are not in the character set specified in 10.1 (see 10.3).

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4) **Clause 11.6.3**

Add a new subclause 11.6.3 as follows:

11.6.3 Whenever a "comment" begins with "/*", it shall end with a corresponding "*/", whether this "*/" is on the same line or not. If another "/*" is found before a "*/", then the comment terminates when a matching "*/" has been found for each "/*". If a comment beginning with "/*" includes two adjacent hyphens "--", these hyphens have no special meaning and are considered part of the comment. The comment may include graphic symbols which are not in the character set specified in 10.1 (see 10.3).

NOTE – This allows the user to comment parts of an ASN.1 module that already contain comments (whether they begin with "--" or "/*") by simply inserting "/*" at the beginning of the part to be commented and "*/" at its end.