

INTERNATIONAL
STANDARD

ISO/IEC
8327-1

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AMENDMENT 2
1998-12-15

**Information technology — Open Systems
Interconnection — Connection-oriented
Session protocol: Protocol specification**

**AMENDMENT 2: Nested connections
functional unit**

*Technologies de l'information — Interconnexion de systèmes ouverts
(OSI) — Protocole de session en mode connexion: Spécification du
protocole*

AMENDEMENT 2: Unité fonctionnelle de connexions nichée



Reference number
ISO/IEC 8327-1:1996/Amd.2:1998(E)

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.

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Amendment 2 to ISO/IEC 8327-1:1996 was prepared by ITU-T (as ITU-T Rec. X.225/Amd.2) and was adopted, under a special "fast-track procedure", by Joint Technical Committee ISO/IEC JTC 1, *Information technology*, in parallel with its approval by national bodies of ISO and IEC. The identical text is published as ITU-T Rec. X.225/Amd.2.

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INTERNATIONAL STANDARD

ITU-T RECOMMENDATION

**INFORMATION TECHNOLOGY – OPEN SYSTEMS INTERCONNECTION –
CONNECTION-ORIENTED SESSION PROTOCOL:
PROTOCOL SPECIFICATION**

**AMENDMENT 2
Nested connections functional unit**

1) Subclause 2.1

Insert a new reference in numerical order:

- ITU-T Recommendation X.207 (1993) | ISO/IEC 9545:1994, *Information technology – Open Systems Interconnection – Application layer structure.*

NOTE – ITU-T Rec. X.207 | ISO/IEC 9545 is not essential for the application of this Recommendation | International Standard, but is included in the list of references as it has been referred to, for information, in relation to the applicability of the nested connections functional unit.

2) Subclause 3.2

Add after item i):

- j) nested session connection;
- k) nested session exception.

3) Subclause 5.6.10

Add to Table 3 a new row just before the Notes:

Nested connections		No additional associated SPDUs	
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4) New subclause 5.6.15

Add a new subclause as follows:

5.6.15 Nested Connections functional unit

The nested connections functional unit supports the use of nested session connections.

NOTE – Nested session connections enable a new Application Service Object specification (see ITU-T Rec. X.207 | ISO/IEC 9545) to specify the inclusion within the Object of an Application Service Object governed by an existing specification. The nested session connection permits the inner Application Service Object to have full and independent access to session services (through the use of presentation services) while enabling the outer Application Service Object specification, through actions on the containing connection to retain control of synchronization, resynchronization, and aborting. The sequence of primitives issued for nested connections and for enclosing connections is preserved by the session layer.