

INTERNATIONAL STANDARDIZED PROFILE

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Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service —

Part 16:

**Security employing the Network Layer Security
Protocol — Connection-mode with No-header,
for TB, TC, TD and TE profiles**

*Technologies de l'information — Profils normalisés internationaux TB, TC,
TD et TE — Service de transport en mode connexion sur service de réseau
en mode connexion —*

*Partie 16: Sécurité employant le protocole de sécurité de la couche
réseau — Mode connexion avec en-tête NON, pour profils TB, TC, TD et
TE*



Contents

1. SCOPE	1
1.1. General	1
1.2. Position within the Taxonomy	1
1.3. Scenario	1
1.4. Security Services	2
1.5. Security Mechanisms	2
2. NORMATIVE REFERENCES	2
3. DEFINITIONS	2
4. ABBREVIATIONS	2
5. REQUIREMENTS	3
5.1. General	3
5.2. Static Conformance Requirements	3
5.3. Dynamic Conformance Requirements	3
5.4. Placement	4
ANNEX A	5
A.1 Introduction	5
A.2 Notation	5
A.3 Features Common to NLSP-CO and NLSP-CL	6
A.3.1 Major Capabilities (Common)	6
A.3.2 PDUs (Common)	7
A.3.3 SDT PDU Fields Common to CO & CL & Generic to Mechanisms	7
A.3.4 SDT PDU Fields Common to CO & CL with Specific SDT Based Encapsulation Mech.	7
A.3.5 SA PDU Fields Generic to SA-P	7
A.3.6 SA PDU Fields Specific to Key Token Exchange SA-P	7

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A.4 Features Specific to NLSP-CL	7
A.5 Features Specific to NLSP-CO	8
A.5.1 Major Capabilities (NLSP-CO)	8
A.5.2 PDUs (Connection Mode)	8
A.5.3 Modes of Connection Establishment / Release	9
A.5.4 Environment (Connection Mode)	9
A.5.5 Timers and Parameters (Connection Mode)	9
A.5.6 SDT PDU Fields (Connection Mode)	10
A.5.7 CSC PDU Fields - Generic (Connection Mode)	10
A.5.8 Example CSC PDU Content (Connection Mode)	10
ANNEX B- ADDITIONAL AGREEMENTS REQUIRED	11

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.

In the field of information technology, ISO and IEC have established a joint technical committee, ISO/IEC JTC 1. In addition to developing International Standards, ISO/IEC JTC 1 has created a Special Group on Functional Standardization for the elaboration of International Standardized Profiles.

An International Standardized Profile is an internationally agreed, harmonized document which identifies a standard or group of standards, together with options and parameters, necessary to accomplish a function or a set of functions.

Draft International Standardized Profiles are circulated to national bodies for voting. Publication as an International Standardized Profile requires approval by at least 75 % of the national bodies casting a vote.

International Standardized Profile ISO/IEC ISP 10609-16 was prepared with the collaboration of

- Asia-Oceania Workshop (AOW);
- European Workshop for Open Systems (EWOS);
- Open Systems Environment Implementors' Workshop (OIW).

ISO/IEC ISP 10609 consists of the following parts, under the general title *Information technology — International Standardized Profiles TB, TC, TD and TE — Connection-mode Transport Service over connection-mode Network Service*:

- *Part 1: Subnetwork-type independent requirements for Group TB*
- *Part 2: Subnetwork-type independent requirements for Group TC*
- *Part 3: Subnetwork-type independent requirements for Group TD*
- *Part 4: Subnetwork-type independent requirements for Group TE*
- *Part 5: Definition of profiles TB1111/TB1121*
- *Part 6: Definition of profiles TC1111/TC1121*
- *Part 7: Definition of profiles TD1111/TD1121*
- *Part 8: Definition of profiles TE1111/TE1121*

- *Part 9: Subnetwork-type dependent requirements for Network Layer, Data Link Layer and Physical Layer concerning permanent access to a packet switched data network using virtual calls*
- *Part 10: LAN subnetwork-dependent, media-independent requirements*
- *Part 11: CSMA/CD subnetwork-dependent, media-dependent requirements*
- *Part 12: Definition of profile TC51, provision of the OSI connection-mode Transport Service using the OSI connection-mode Network Service in an End System attached to a CSMA/CD/LAN*
- *Part 13: MAC sublayer and physical layer dependent requirements for a token ring local area network*
- *Part 14: Definition of profile TC53, provision of the OSI connection-mode Transport Service using the OSI connection-mode Network Service in an End System attached to a Token Ring LAN*
- *Part 15: Definition of profile TC54, provision of the OSI connection-mode Transport Service using the OSI connection-mode Network Service in an End System attached to an FDDI LAN*
- *Part 16: Security employing the Network Layer Security Protocol — Connection-mode with No-header, for TB, TC, TD and TE profiles*
- *Part 17: Security employing the Network Layer Security Protocol — Connection-mode with SDT-PDU based Protection, for TB/TC/TD/TEnnn profiles*
- *Part 20: Overview of the generalized multi-part ISP structure for TC and TD Group profiles for OSI usage of ISDN*
- *Part 21: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for ISDN B-channel X.25 DTE to DTE operation*
- *Part 22: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for ISDN B-channel X.25 DTE to DCE operation*
- *Part 23: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for Data Transfer concerning a packet switched mode Integrated Services Digital Network using virtual calls: B-channel access case*
- *Part 24: Subnetwork-type dependent requirements for Network Layer and Data Link Layer for Data Transfer concerning a packet switched mode Integrated Services Digital Network using virtual calls: D-channel access case*
- *Part 25: Subnetwork-type dependent requirements for Q.931 circuit-switched operation*
- *Part 26: Subnetwork-type dependent requirements for Network Layer for Call Control procedures concerning the outgoing call of a packet switched mode Integrated Services Digital Network in case B using virtual calls*
- *Part 27: Subnetwork-type dependent requirements for Network Layer for Call Control procedures concerning the incoming call of a packet switched mode Integrated Services Digital Network in case B using virtual calls*
- *Part 28: Subnetwork-type dependent requirements for Data Link Layer for end systems attached to an ISDN subnetwork*
- *Part 30: Definition of profile TC1131*
- *Part 31: Definition of profile TC1231*
- *Part 32: Definition of profile TC4111*
- *Part 33: Definition of profile TC4211*

- *Part 34: Definition of profile TC43111*
- *Part 35: Definition of profile TC43112*
- *Part 36: Definition of profile TC43211*
- *Part 37: Definition of profile TC43212*
- *Part 38: Definition of profile TC4331*
- *Part 40: Definition of profile TD1131*
- *Part 41: Definition of profile TD1231*
- *Part 42: Definition of profile TD4111*
- *Part 43: Definition of profile TD4211*
- *Part 44: Definition of profile TD43111*
- *Part 45: Definition of profile TD43112*
- *Part 46: Definition of profile TD43211*
- *Part 47: Definition of profile TD43212*
- *Part 48: Definition of profile TD4331*

Annex A forms an integral part of this part of ISO/IEC ISP 10609. Annex B is for information only.