

INTERNATIONAL STANDARDIZED PROFILE

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Information technology — International Standardized Profile RD — Relaying the MAC service using transparent bridging —

Part 4:

Profile RD51.51 (CSMA/CD LAN — CSMA/CD
LAN)

*Technologies de l'information — Profil normalisé international RD —
Transmission du service MAC utilisant un pontage transparent —
Partie 4: Profil RD51.51 (AMDP-DC/AMDC-DP)*



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Contents	Page
Foreword	iii
Introduction	v
1 Scope	1
1.1 General	1
1.2 Position within the taxonomy	1
1.3 Scenario	1
2 Normative references	2
3 Definitions	3
4 Abbreviations	3
5 Requirements	3
5.1 Static conformance requirements	3
5.2 Dynamic conformance requirements	3
Annex A: ISPICS Requirements List (normative)	4
A.1 General options of the profile	4
A.2 Base standards selected and combined in the profile	4
A.3 Constraints on base standards	4

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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.

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 processing 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 10612-4 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 10612 consists of several parts, under the general title *Information technology - International Standardized Profile RD - Relaying the MAC service using transparent bridging*:

- *Part 1: Subnetwork-independent requirements*
- *Part 2: CSMA/CD LAN subnetwork-dependent, media-dependent requirements*
- *Part 3: Token Ring LAN subnetwork-dependent, media-dependent requirements*
- *Part 4: Profile RD51.51 (CSMA/CD LAN - CSMA/CD LAN)*
- *Part 5: Profile RD51.54 (CSMA/CD LAN - FDDI LAN)*

- Part 6: Profile RD54.54 (FDDI LAN - FDDI LAN)
- Part 7: Profile RD51.53 (CSMA/CD LAN - Token Ring LAN)
- Part 8: Profile RD53.53 (Token Ring LAN - Token Ring LAN)
- Part 9: Profile RD53.54 (Token Ring LAN - FDDI LAN)

Annex A forms an integral part of this part of ISO/IEC ISP 10612.