

Information technology — International Standardized Profiles — OSI Management — Common information for management functions —

**Part 0: Common definitions for
management function profiles**

ICS 35.100.05

National foreword

This British Standard reproduces verbatim ISO/IEC ISP 12059-0:1995 and implements it as the UK national standard.

The UK participation in its preparation was entrusted to Technical Committee IST/21, Open Systems Interconnection, Data Management and Open Distributed Processing, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible international/European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on this committee can be obtained on request.

Cross-references

The British Standards which implement international or European publications referred to in this document may be found in the BSI Standards Catalogue under the section entitled “International Standards Correspondence Index”, or using the “Find” facility of the BSI Standards Electronic Catalogue.

A British Standard does not purport to include all the necessary provisions of a contract. Users of British Standards are responsible for their correct application.

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Summary of pages

This document comprises a front cover, an inside front cover, the ISO/IEC ISP title page, pages ii to iv, pages 1 to 18 and a back cover.

This standard has been updated (see copyright date) and may have had amendments incorporated. This will be indicated in the amendment table on the inside front cover.

Amendments issued since publication

Amd. No.	Date	Comments

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INTERNATIONAL
STANDARDIZED
PROFILE

**ISO/IEC
ISP
12059-0**

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**Information technology — International
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Management — Common information for
management functions —**

Part 0:

Common definitions for management function
profiles

*Technologies de l'information — Profils normalisés internationaux —
Gestion OSI — Information courante pour fonctions de gestion —
Partie 0: Définitions courantes pour profils de fonction de gestion*



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Descriptors: Data processing, information interchange, network interconnection, open systems interconnection, data transmission, communication procedure, management, profiles, definitions.

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 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 12059-0 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 12059 consists of the following parts, under the general title *Information technology — International Standardized Profiles — OSI Management — Common information for management functions*:

- *Part 0: Common definitions for management function profiles*;
- *Part 1: Object management*;
- *Part 2: State management*;
- *Part 3: Attributes for representing relationships*;
- *Part 4: Alarm reporting*;
- *Part 5: Event report management*;
- *Part 6: Log control*.

Annexes A to D form an integral part of this part of ISO/IEC ISP 12059.

Introduction

This part of ISO/IEC ISP 12059 is the first part of one of two multi-part ISPs corresponding to Systems Management functions.

ISO/IEC ISP 12059 consists of the following parts:

- ISO/IEC ISP 12059-0 provides the Common definitions for management function profiles.
- ISO/IEC ISP 12059-1 describes the requirements for the Object management function corresponding to ISO/IEC 10164-1
- ISO/IEC ISP 12059-2 describes the requirements for the State management function corresponding to ISO/IEC 10164-2
- ISO/IEC ISP 12059-3 describes the requirements for the Attributes for representing relationship corresponding to ISO/IEC 10164-3
- ISO/IEC ISP 12059-4 describes the requirements for the Alarm reporting function corresponding to ISO/IEC 10164-4
- ISO/IEC ISP 12059-5 describes the requirements for the Event report management function corresponding to ISO/IEC 10164-5
- ISO/IEC ISP 12059-6 describes the requirements for the Log control function corresponding to ISO/IEC 10164-6.

Other ISP parts maybe added in the future.

ISO/IEC ISP 12060 is a multi-part ISP defining Systems Management Function profiles identified in ISO/IEC TR10000-2 as:

AOM2nn — OSI Management — Management Functions.

ISO/IEC ISP 12060 consists of the following parts:

- ISO/IEC ISP 12060-1, AOM211, describes the General management capabilities profile
- ISO/IEC ISP 12060-2, AOM212, describes the Alarm reporting and state management capabilities profile
- ISO/IEC ISP 12060-3, AOM213, describes the Alarm reporting capability profile
- ISO/IEC ISP 12060-4, AOM221, describes the General event report management profile
- ISO/IEC ISP 12060-5, AOM231, describes the General log control profile.

Other Systems Management Function profiles and other ISP parts may be added in the future.

The relationships between different parts of ISO/IEC ISP 12059, ISO/IEC ISP 12060 and ISO/IEC ISP 11183 are illustrated in Figure 1.

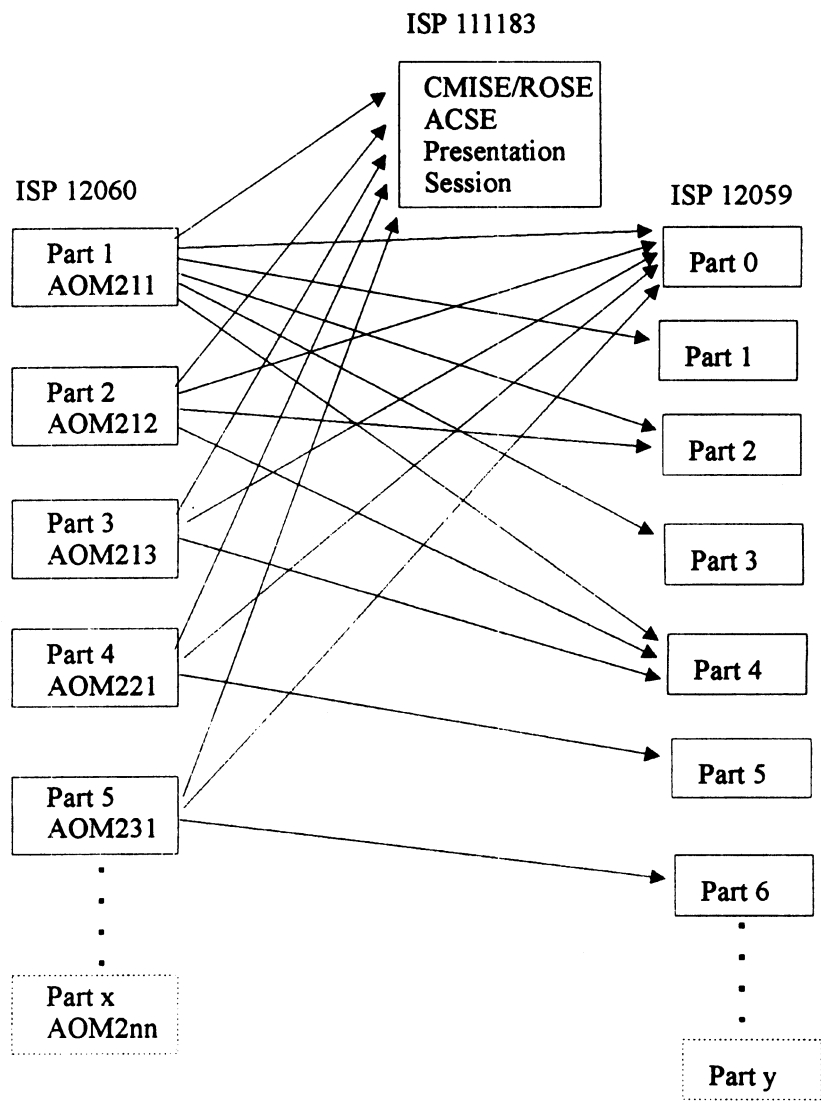


Figure 1 — ISP structure and relationships