

INTERNATIONAL STANDARD

ISO/IEC
9594-7

First edition
1990-12-15

Information technology — Open Systems Interconnection — The Directory —

Part 7: Selected object classes

Technologies de l'information — Interconnexion de systèmes ouverts — L'annuaire —

Partie 7: Classes d'objets sélectionnés



Reference number
ISO/IEC 9594-7:1990 (E)
Documents
AVA Document Sharing Hub

Contents

	Page
Foreword.....	iv
Introduction	v
SECTION 1: GENERAL	1
1 Scope	1
2 Normative references.....	1
3 Definitions and Abbreviations.....	1
3.1 OSI Reference Model Definitions.....	1
3.2 Directory Model Definitions.....	1
4 Notation	2
SECTION 2: SELECTED OBJECT CLASSES	2
5 Definition of Useful Attribute Sets.....	2
5.1 Telecommunication Attribute Set	2
5.2 Postal Attribute Set	2
5.3 Locale Attribute Set.....	2
5.4 Organizational Attribute Set	2
6 Definition of Selected Object Classes	2
6.1 Top	2
6.2 Alias	2
6.3 Country.....	2
6.4 Locality.....	3
6.5 Organization.....	3
6.6 Organizational Unit.....	3

© ISO/IEC 1990
All rights reserved. No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from the publisher.

ISO/IEC Copyright Office • Case postale 56 • CH-1211 Genève 20 • Switzerland
Printed in Switzerland

6.7	Person.....	3
6.8	Organizational Person.....	3
6.9	Organizational Role.....	3
6.10	Group of Names.....	3
6.11	Residential Person.....	4
6.12	Application Process.....	4
6.13	Application Entity.....	4
6.14	DSA.....	4
6.15	Device.....	4
6.16	Strong Authentication User.....	4
6.17	Certification Authority.....	5
Annex A — Selected Object Classes in ASN.1		6
Annex B — Suggested Name Forms and DIT Structures.....		10

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. Draft International Standards adopted by the joint technical committee are circulated to national bodies for voting. Publication as an International Standard requires approval by at least 75 % of the national bodies casting a vote.

International Standard ISO/IEC 9594-7 was prepared by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

ISO/IEC 9594 consists of the following parts, under the general title *Information technology — Open Systems Interconnection — The Directory*:

- *Part 1: Overview of concepts, models and services*
- *Part 2: Models*
- *Part 3: Abstract service definition*
- *Part 4: Procedures for distributed operation*
- *Part 5: Protocol specifications*
- *Part 6: Selected attribute types*
- *Part 7: Selected object classes*
- *Part 8: Authentication framework*

Annex A forms an integral part of this part of ISO/IEC 9594. Annex B is for information only.

Introduction

0.1 This part of ISO/IEC 9594, together with the other parts, has been produced to facilitate the interconnection of information processing systems to provide directory services. The set of all such systems, together with the directory information which they hold, can be viewed as an integrated whole, called the *Directory*. The information held by the Directory, collectively known as the Directory Information Base (DIB), is typically used to facilitate communication between, with or about objects such as application entities, people, terminals and distribution lists.

0.2 The Directory plays a significant role in Open Systems Interconnection, whose aim is to allow, with a minimum of technical agreement outside of the interconnection standards themselves, the interconnection of information processing systems:

- from different manufacturers;
- under different managements;
- of different levels of complexity; and
- of different ages.

0.3 This part of ISO/IEC 9594 defines (in section two) a number of attribute sets and object classes which may be found useful across a range of applications of the Directory.

0.4 Annex A, which is a part of the standard, provides an ASN.1 module containing all of the type and value definitions which appear in this document.

0.5 Annex B, which is not a part of the standard, provides some common naming and structure rules which may or may not be used by Administrative authorities.

