

Australian Standard[®]

**Information technology—Open
Systems Interconnection—
Common management
information protocol**

Part 1: Specification

This Australian Standard was prepared by Committee IT/1, Information Systems—Interconnection. It was approved on behalf of the Council of Standards Australia on 2 March 1992 and published on 16 April 1992.

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PREFACE

This Standard was prepared by the Standards Australia Committee on Information Technology—Interconnection to remedy defects in the first edition AS 3964—1991. It is identical with and has been reproduced from ISO/IEC 9596-1:1991, *Information technology—Open Systems Interconnection—Common management information protocol, Part 1: Specification*.

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<i>Reference to International Standard</i>		<i>Australian Standard</i>	
ISO		AS	
8326	Information processing systems—Open Systems Interconnection—Basic connection oriented session service definition	3591	Information processing systems—Open Systems Interconnection—Basic connection oriented session service definition
8649	Information processing systems—Open Systems interconnection—Service definition for the Association Control Service Element	3663	Information processing systems—Open Systems Interconnection—Service definition for the Association Control Service Element
8650	Information processing systems—Open Systems Interconnection—Protocol specification for the Association Control Service Element	3684	Information processing systems—Open Systems Interconnection—Protocol specification for the Association Control Service Element
8822	Information processing systems—Open Systems Interconnection—Connection oriented presentation service definition	3615	Information processing systems—Open Systems Interconnection—Connection oriented presentation service definition
8823	Information processing systems—Open Systems Interconnection—Connection oriented presentation protocol specification	3616	Information processing systems—Open Systems Interconnection—Connection oriented presentation protocol specification
ISO/IEC			
7498	Information processing systems—Open Systems Interconnection—Basic Reference Model	2777	Information processing systems—Open Systems Interconnection—Basic reference model
7498-4	Part 4: Management Framework	2777.4	Part 4: Management framework
8824	Information technology—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1)	3625	Information technology—Open Systems Interconnection—Specification of Abstract Syntax Notation One (ASN.1)
8825	Information technology—Open Systems Interconnection—Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1)	3626	Information technology—Open Systems Interconnection Specification of basic encoding rules for Abstract Syntax Notation One (ASN.1)

9072	Information processing systems—Text Communication—Remote Operations	3893	Information processing systems—Text communication—Remote Operations
9072-1	Part 1: Model, Notation and Service Definition	3893.1	Part 1: Model, notation and service definition
9072-2	Part 2: Protocol Specification	3893.2	Part 2: Protocol specification
9595	Information technology—Open Systems Interconnection—Common Management Information Service Definition	3965	Information technology—Open Systems Interconnection—Common management information service definition

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Information technology—Open Systems Interconnection—Common management information protocol

Part 1: Specification

1 Scope

This part of ISO/IEC 9596 specifies a protocol which is used by application layer entities to exchange management information.

This part of ISO/IEC 9596 specifies

- procedures for the transmission of management information between application entities;
- the abstract syntax of the Common Management Information Protocol and the associated encoding rules to be applied;
- procedures for the correct interpretation of protocol control information;
- the conformance requirements to be met by implementation of this part of ISO/IEC 9596.

This part of ISO/IEC 9596 does not specify

- the structure or meaning of the management information that is transmitted by means of CMIP;
- the manner in which management is accomplished as a result of CMIP exchanges;
- the interactions which result in the use of CMIP.

2 Normative references

2.1 Identical CCITT Recommendations | International Standards

CCITT Recommendation X.712 (1992) | ISO/IEC 9596-2:1992, *Information technology - Open Systems Interconnection - Common management information protocol: Protocol implementation conformance statement (PICS) proforma*.

2.2 Additional references

The following standards contain provisions which, through reference in this text, constitute provisions of this part of ISO/IEC 9596. At the time of publication, the editions indicated were valid. All standards are subject to revision, and parties to agreements based on this part of ISO/IEC 9596 are encouraged to investigate the possibility of applying the most recent editions of the standards listed below. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 7498:1984, *Information processing systems - Open Systems Interconnection - Basic Reference Model*.

ISO/IEC 7498-4: 1989, *Information processing systems - Open Systems Interconnection - Basic Reference Model - Part 4: Management Framework*.

ISO 8326:1987, *Information processing systems - Open Systems Interconnection - Basic connection oriented session service definition*.

ISO 8649:1987, *Information processing systems - Open Systems Interconnection - Service definition for the Association Control Service Element*.

ISO 8690:1987, *Information processing systems - Open systems Interconnection - Protocol specification for the Association Control Service Element*.

ISO 8822:1987, *Information processing systems - Open Systems Interconnection - Connection oriented presentation service definition*.

ISO 8823:1987, *Information processing systems - Open Systems Interconnection - Connection oriented presentation protocol specification*.

ISO/IEC 8824:1990, *Information technology - Open Systems Interconnection - Specification of Abstract Syntax Notation One (ASN.1)*.

ISO/IEC 8825:1990, *Information technology - Open Systems Interconnection - Specification of Basic Encoding Rules for Abstract Syntax Notation One (ASN.1)*.