

ISO/IEC 7498-3:1997-04 (E)

Information technology - Open Systems Interconnection - Basic reference model: Naming and addressing

Contents		Page
1	Scope.....	1
2	Normative references.....	1
2.1	Identical Recommendations International Standards	1
2.2	Paired Recommendations International Standards equivalent in technical content.....	1
2.3	Additional references.....	1
3	Definitions	2
4	Abbreviations.....	4
5	Basic Concepts of Naming.....	5
6	OSI naming and addressing concepts and the correct use of addresses	5
6.1	The naming of real open systems	5
6.2	The naming and addressing of elements of an (N)-layer	6
6.3	The correct use of (N)-addresses	6
7	OSI addressing model	7
7.1	Associations between peer (N)-entities	7
7.2	Attachment of (N)-entities to (N)-SAPs	7
7.3	(N)-addresses and (N)-SAPs	8
7.4	(N)-Directory-Functions and Directory Facilities	9
8	Addressing Information and (N)-services.....	9
8.1	Introduction.....	9
8.2	Address Parameters	9
8.3	Called-(N)-address	10
8.4	Calling-(N)-address	10
8.5	Responding-(N)-address 1	1
9	Addressing information and (N)-protocols.....	11
9.1	Introduction.....	11
9.2	Addressing information in (N)-PAI 1	1
9.3	Assignment of values to elements of (N)-PAI	12
9.4	Network-Addresses and Network-PAI.....	12
9.5	(N)-Addresses and (N)-PAI above the Network Layer	12
9.6	Obtaining (N)-PAI.....	13
10	(N)-directory-functions	13
10.1	Introduction.....	13
10.2	The initiator (N)-directory-functions.....	14
10.3	The recipient (N)-directory-functions	15
11	Addressing in specific OSI layers	15
11.1	Application-processes and the Application Layer.....	15
11.2	Presentation Layer	17
11.3	Session Layer	18
11.4	Transport Layer	18
11.5	Network Layer.....	19
11.6	Data Link Layer.....	21
11.7	Physical Layer	22

12	Naming domains and authorities	22
13	Registration procedures for naming within OSI.....	23
14	Directory Facility requirements.....	23
14.1	Introduction.....	23
14.2	The Application Title Directory Facility.....	23
14.3	The Network Address Directory Facility	24