ISO/IEC 9594-1:2014-03 (E)

Information technology - Open Systems Interconnection - The Directory - Part 1: Overview of concepts, models and services

Contents

		Page
1	Scope	1
2	Normative references	1
	2.1 Identical Recommendations | International Standards	1
3	Definitions	2
	3.1 Communication model definitions	2
	3.2 Directory model definitions	2
	3.3 Distributed Operation definitions	3
	3.4 Replication definitions	3
	3.5 Basic directory definitions	3
4	Abbreviations	3
5	Conventions	3
6	Overview of the Directory	4
7	The Directory Information Base (DIB)	5
8	The Directory service	7
	8.1 Introduction	7
	8.2 Service qualification	7
	8.3 Directory interrogation	8
	8.4 Directory modification	8
	8.5 Other outcomes	9
9	The distributed Directory	9
	9.1 Functional model	9
	9.2 Organizational model	10
	9.3 Operation of the model	10
10	Access control in the Directory	13
11	Service administration	14
12	Replication in the Directory	15
	12.1 Introduction	15
	12.2 Forms of Directory replication	15
	12.3 Replication and consistency of Directory information	16
	12.4 Views of replication	16
	12.5 Replication and Access Control	17
13	Directory protocols	17
14	Systems management of the Directory	17
	14.1 Introduction	17
	14.2 Management of the DIT domain	18
	14.3 Management of Directory components	18
Annex A – Applying the Directory		19
	A.1 The Directory environment	19
	A.2 Directory service characteristics	19
	A.3 Patterns of use of the Directory	19
Annex B – Amendments and corrigenda		23