

ISO/IEC 9594-6:2014-03 (E)

Information technology - Open Systems Interconnection - The Directory - Part 6: Selected attribute types

Contents		Page
1	Scope	1
2	Normative references	1
2.1	Identical Recommendations International Standards	1
2.2	Other references	2
2.3	ISO/IEC Standards	3
3	Definitions	3
4	Abbreviations	3
5	Conventions	3
6	Definition of selected attribute types	5
6.1	System attribute types	5
6.2	Labelling attribute types	5
6.3	Geographical attribute types	8
6.4	Organizational attribute types	10
6.5	Explanatory attribute types	11
6.6	Postal addressing attribute types	13
6.7	Telecommunications addressing attribute types	14
6.8	Preferences attribute types	18
6.9	OSI application attribute types	18
6.10	Relational attribute types	19
6.11	Domain attribute types	20
6.12	Hierarchical attribute types	20
6.13	Attributes for applications using tag-based identification	21
6.14	Notification attributes	25
6.15	LDAP defined attribute types	29
7	String preparation	30
7.1	Transcode	30
7.2	Map	30
7.3	Normalize	30
7.4	Prohibit	30
7.5	Check bidi	31
7.6	Insignificant Character Removal	31
8	Definition of matching rules	31
8.1	String matching rules	31
8.2	Syntax-based matching rules	34
8.3	Time matching rules	37
8.4	First component matching rules	38
8.5	Word matching rules	39
8.6	Approximate Matching Rules	42
8.7	Special Matching Rules	42
8.8	Zonal Match	42
8.9	uri Match	45
8.10	LDAP defined matching rules	46

9	Definition of syntaxes	47
9.1	Directory syntaxes.....	47
9.2	IETF syntaxes	47
10	Definition of Context Types	53
10.1	Language Context	53
10.2	Temporal Context.....	53
10.3	Locale Context	57
10.4	LDAP Attribute Option Context	57
	Annex A – Selected attribute types in ASN.1.....	58
	Annex B – Summary of attribute types.....	86
	Annex C – Upper bounds	87
	Annex D – Alphabetical index of attributes, matching rules and contexts	88
	Annex E – Examples for zonal match matching rules	90
	Annex F – Mapping Object Identifiers and Uniform Resource Names into Distinguished Names.....	92
	F.1 Scope of this annex	92
	F.2 Object identifier resolution.....	92
	F.3 Uniform Resource Name (URN) resolution.....	93
	Annex G – Object identifier based Directory names	96
	G.1 Scope of annex	96
	G.2 Transformation of object identifiers into Directory names	96
	G.3 The use of object-identifier-based Directory names.....	96
	Annex H – Amendments and corrigenda.....	98