JT-X500

Overall Architecture of the Directory

1. Relations with international standards

This standard is based upon recommendations X.500, X.501, X.509, X.511, X.518, X.520, X.521, X.525 and section four & Annex B of recommendation x.402 approved by ITU-T SG 7 in 1993 which is enhanced from X.500 series recommendations approved by ITU-T SG 7 in 1988. And this standard is described about the following recommendation by ITU-T SG 7 in 1993.

i recommendation X.500

ii recommendation X.501

iii section four & Annex B of recommendation X.402

Directory specifications that are not covered in this Standard and companion Standard JT-X500 are assumed to be the specifications defined in Recommendations X.500, X.501, X.509, X.511, X.518, X.520, X.521 and X.525.

2.Summary of departures from the international recommendation

2.1 Selection of Options from the international recommendations None

2.2 Selection of national matters from the international standards None

2.3 Technically advanced items than the international recommendations None

2.4 Additions to the international recommendations Japanese names using Chinese characters are introduced (See Annex F).

2.5 Delete parts of the international recommendations None

2.6 Others

None

3.Comparison between ITU-T recommendation and JT-X500Table-A shows the editorial differences between this Standard and the international recommendations.

Table-A comparison between ITU-T Recommendation and JT-X500

TT-X500	Corresponding part of ITU-T Recommendation X.500 series	Change in JT-X500
.Introduction		
2.Scope and field of appl.		
3.Reference		
1.Definition		
5.Abbreviations		
5.Conventions		
7. Overview of the Directory	X.500(\$0) / X.501(\$0)	
3.The Directory Service	X.500(\$1)/X.501(\$1)	
9. The Distributed Directory	X.500(\$2)/X.501(\$2)	
10. Access control in the Directory	X.500(\$3)/X.501(\$3)	
1.Replication in the Directory	X.500(\$4)/X.501(\$4)	
2.Directory protocols	X.500(\$6)	
3.Directory Models	X.500(\$7)	
14.Directory Information Base	X.500(\$8)	
15.Directory Entries	X.500(\$9)	
16.Names	X.500(\$10)	
Directory Administrative Authority Mode	X.500(\$11)	
>	X.500(\$12)	
Model of Directory Administrative and	X.501(\$6)	
Operational Information >	X.501(\$7)	
17. Directory Schema	X.501(\$8)	
< Directory system Schema >	X.501(\$9)	
< Directory Schema administration >	X.501(\$10)	
18. Security model	X.501(\$11)	
< Basic Access Control >		
< DSA Models >	X.501(\$12)	
< Knowledge >	X.501(\$13)X.501(\$14)	
 Basic Elements of DSA Information 	X.501(\$15)	
Model >	X.501(\$16)	
< Representation of DSA Information >	X.501(\$17)	
Overview of DSA Operational Framework	X.501(\$18)	
>	X.501(\$19)	
< Operational Bindings >	X.501(\$20)	
Operational Bindings Specification and	X.501(\$21)	
manegement >	X.501(\$22)	
Operations for operational binding	X.501(\$23)	
manegement >	X.501(\$24)	
19. Naming in MHS	X402 (\$17)	
20. MHS Use of Directory	X402 (\$20-24)	
AxA: Object identifier usage	X.501(AxA)	
AxB : Information Framework in ASN.1	X.501(AxB)	
AxC : SubSchema Administration Schema in	X.501(AxC)	
ASN.1	X.501(AxD)	
< Ax : Basic Access Control in ASN.1 >	X.501(AxE)	
AxD: DSA Operational Attribute Types in	X.501(AxF)	
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ASN.1 < Ax : Operational Binding Management in	X402(Ax B)	

AxE: Introduction of Japanese names AxF: Reference definition of MHS object identifires Ap1: Applying the Directory Ap2: The Mathematics of Trees Ap3: Name Design Criteria < Ap: Examples of various aspects of schema > < Ap: Overview of Basic Access Control Permissions > < Ap: Example of Basic Access Control > < Ap: DSE Type Combinations > < Ap: Modelling of knowledge > Ap4: Alphabetical index of definitions	X.501(AxG) X.501(AxH) X.501(AxJ) X.501(AxK) X.501(AxL) X.501(AxM) X.501(AxN) X.501(AxP)	Newly defined
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Legend Ax : Annex, Ap : Appendix, appl. : application, \$: Section <> : These parts are not covered in this Standard and you need reference of the corresponding parts.