

## Glossary of directory related terms

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ACL	Access Control List; a mechanism to restrict access to data stored in an X.500 Directory Service
ADMD	Administrative Management Domain
ADDMD	Administrative Directory Management Domain
ANSI	American National Standards Institute
ASID	Access and Searching of Internet Directories (IETF-WG)
Attribute	Attributes belong to an entry in the Directory Service, and contain information belonging to that entry
BLT	BulkLoadTool; a tool to download an existing database into a DSA
Centroid	A type of index information used in the Whois++ standard and possibly used in an integrated Directory Service
CRL	Certificate Revocation List
DAP	Directory Access Protocol; protocol used between a DUA and a DSA, to access the Directory Information
DE	Directory Enquiry; an ascii-based DUA interface
DIB	Directory Information Base - the collective distributed information held in the directory
DIT	Directory Information Tree; the hierarchy of the distributed database that makes up an X.500 service
DMD	Directory Management Domain
DNS	Domain Name System
DSA	Directory System Agent - entity that provides DUAs and other DSAs access to the DIB
DSP	Directory System Protocol: the protocol used between two DSAs
DUA	Directory User Agent: the user interface that communicates with the directory

DUI Directory User Interface

EDSG European Directory Services Group

EEMA European Electronic Messaging Association

EIDQ European International Directory Enquiries

EMA Electronic Messaging Association (North America)

Entry A Directory Service contains entries on people, organisations, countries, etc. Entries belong to a certain object class, and information on entries is stored in attributes

EPII European Project on Information Infrastructure

Eurescom European Institute for Research and Strategic Studies in Telecommunications, collaborative research and development institute of European PNOs

EWOS European Workshop for Open Systems

Find Common Indexing Protocol (IETF-WG)

GDA Global Directory Agent

ICE-TEL Interworking Public Key Infrastructure for Europe (EC Telematics project)

IDS Internet Directory Synchronisation (IETF-WG)

IETF Internet Engineering Task Force

IDM Interactive Data Manager; a DUA interface that is useful or maintaining a large set of data

ISO International Standardization Organisation Responsible for a wide range of standards, including networking

ISODE A research tool developed to study the upper layers of OSI

Isode Ltd A consortium of commercial and non-commercial organisations that supports the development of the ISODE software

ITU-T International Telecommunication Union - Telecommunication, a standards-making body for telecommunication operators (PTTs)

LDAP Lightweight Directory Access Protocol, Internet standard for a lightweight version of DAP running over TCP/IP

Master DSA A DSA that serves the entry for a country, and that holds information on all DSAs available within that country

MTA Message Transfer Agent

NADF North America Directory Forum

NIST US National Institute of Standards and Technology

NP NameFLOW-Paradise

Object Class Entries in a Directory Service belong to an Object Class to indicate their type and characteristics; e.g., Object Class 'person'

OSF Open Software Foundation

OSI Open Standards Interconnection; an international standardization program, facilitated by ISO and ITU to develop standards for data networking

PEM Privacy Enhanced Mail; an Internet standard for sending secure E-mail

PGP Pretty Good Privacy; a public key encryption and signature package

PKCS Public Key Cryptography Standards (IETF-WG)

PKIX Public Key Infrastructure using X.509 (IETF-WG)

PP An implementation of the X.400 recommendations built on top of Isode

PRDMD Private Directory Management Domain

PRMD Private Management Domain

QBM Query by Mail

Quipu An implementation of the X.500(1988) recommendations that is build on top of ISODE

RFC Request For Comment, Internet series of publications

RFC 1006 Internet standard that specifies how to run OSI applications over TCP/IP

SMTP Internet Simple Mail Transfer Protocol

TCP/IP Transmission Control Protocol and Internet Protocol, the

two best known Internet protocols, TCP corresponds roughly to layer 4 of the OSI model (the transport layer), IP corresponds to layer 3 (the network layer)

TTP	Trusted Third Party
UFN	User Friendly Naming; an Internet standard for identifying an entry in X.500 by a user friendly name
URL	Uniform Resource Locator; an address for any document on the Internet
Whois++	An Internet directory services protocol; a possible alternative for X.500
WPS	White Pages Service; a Directory Service that contains (addressing) information on people and organisations
X.400	ITU Standard defining electronic mail exchange in open systems
X.500	ITU standard defining electronic distributed directory in open systems