

Acronyms and Abbreviations

AAA	Autonomous Administrative Authority
AAP	Autonomous Administrative Point
ACSAP	Association Control Service Access Point
ACSE	Association Control Service Element
ACTS	Advanced Communications Technologies and Services
ADF	Access Decision Function
AET	Application Entity Title
AH	Agent Handle
AI	Artificial Intelligence
AIP	Advanced Information Processing
ANSA	Advanced Networked Systems Architecture
API	Application Programming Interface
ASE	Application Service Element
ASN.1	Abstract Syntax Notation One
ATM	Asynchronous Transfer Mode
AVA	Attribute Value Assertion
BAF	Broadband Access Facilities (RACE Project No. 2024)
BEO	Basic Engineering Object
BER	Basic Encoding Rules
B-ISDN	Broadband ISDN
BM	Business Management
BML	Business Management Layer
CDS	Cell Directory Service
CEU	Commission of the European Union
CIOP	Common Inter-Operability Protocol
CLNP	Connection-Less Network Protocol
CMIP	Common Management Information Protocol
CMIS	Common Management Information Service
CMISE	Common Management Information Service Element
CMOL	CMIP Over LLC

Acronyms and Abbreviations

CMOT	CMIP Over TCP
CORBA	Common Object Request Broker Architecture
COSS	Common Object Service Specification
COTP	Connection Oriented Transport Protocol
COTS	Connection Oriented Transport Service
DAF	Directory Access Function
DAP	Directory Access Protocol
DAS	Directory Access Service
DASE	Directory Access Service Element
DCE	Distributed Computing Environment
DCN	Data Communication Network
DCOM	Distributed Component Object Model
DIB	Directory Information Base
DII	Dynamic Invocation Interface
DIT	Directory Information Tree
DME	Distributed Management Environment
DMI	Definition of Management Information
DO	Directory Object
DPE	Distributed Processing Environment
DPL	Distributed Processing Language
DSA	Directory Service Agent
DSF	Directory System Function
DSOM	Distributed Systems: Operations and Management
DSP	Directory System Protocol
DTP	Distributed Transaction Processing
DTS	Distributed Time Service
DUA	Directory User Agent
EFD	Event Forwarding Discriminator
EM	Element Management
EML	Element Management Layer
EP	Event Processing
ER	Encoding Rules
ESPRIT	European Specific Research in Information Technology
ETSI	European Telecommunications Standards Institute

EURESOM	European Institute for Research and Strategic Studies in Telecommunications
FCAPS	Fault Configuration Accounting Performance Security
FTAM	File Transfer Access Method
FTSE	File Transfer Service Element
FU	Functional Unit
GDMO	Guidelines for the Definition of Managed Objects
GIOP	General Inter-Operability Protocol
GMS	Generic Managed System
GOM	Generic Object Model
GRM	General Relationship Model
GSM	Global System for Mobile Telecommunications
GUI	Graphical User Interface
GULS	Generic Upper Layer Security
HTTP	HyperText Transfer Protocol
IBC	Integrated Broadband Communications
ICF	Information Conversion Function
ICM	Integrated Communications Management (RACE Project No. 2059)
IDL	Interface Definition Language
IDMIS	Inter-Domain Management Information Service
IDSMD	Integrated Distributed Systems Management (ESPRIT Project No. 6311)
IETF	Internet Engineering Task Force
IIMC	ISO/ITU-T Internet Management Coexistence
IM	Integrated Management
IMF	Intelligent Monitoring Function
IN	Intelligent Network
INCA	Integrated Network Communications Architecture (ESPRIT Project No. ____)
IOR	Inter-Operable Reference
IP	Internet Protocol
IPC	Inter-Process Communication
IQA	Internet Q-Adapter
ISDN	Integrated Services Digital Network
IS&N	Intelligence in Services and Networks
ISO	International Standards Organisation
ISODE	ISO Development Environment

Acronyms and Abbreviations

ISP	Internet Service Provider
ITU-T	International Telecommunications Union
JIDM	NMF - X/Open Joint Inter-Domain Management task force
JNSM	Journal of Network and Systems Management
KS	Knowledge Source
LAN	Local Area Network
LCMIP	Lightweight CMIP
LDAP	Lightweight DAP
LDN	Local Distinguished Name
LLA	Logical Layered Architecture
LLC	Logical Link Control
LPP	Lightweight Presentation Protocol
MAF	Management Application Function
MASIF	Mobile Agent System Interoperability Facility
MB	Management Broker
MCF	Message Communication Function
MD	Mediation Device
MF	Mediation Function
MIB	Management Information Base
MIDAS	Management in a Distributed Application and Service Environment (ESPRIT Project No. ____)
MIM	Management Information Model
MISA	Management of IntegratedSDH and ATM (ACTS Project No. 80)
MIT	Management Information Tree
MO	Managed Object
MOC	Managed Object Class
MOH	Managed Object Handle
MSAP	Management Service Access Point
MUIB	Management Unit Information Base
NE	Network Element
NEF	Network Element Function
NEMESYS	Network Management Using Expert Systems (RACE Project No. 1005)
NM	Network Management
NML	Network Management Layer

NMF	Network Management Forum
NP	Notification Processing
NRIM	Network Resource Information Model
NS	Name Server
ODMA	Object Distributed Management Architecture
ODP	Open Distributed Processing
OID	Object Identifier
OIM	OSI Internet MIB
OMA	Object Management Architecture
OMG	Object Management Group
OMNIPoint	Open Management Interoperability Point
OMT	Object Modelling Technique
OOD	Object-Oriented Design
OOI	Object-Oriented Interface
ORB	Object Request Broker
OS	Operations System
OSF	Operations System Function
OSF	Open Software Foundation
OSI	Open Systems Interconnection
OSI-RM	OSI Reference Model
OSI-SM	OSI Systems Management
OSIMIS	OSI Management Information Service
PC	Personal Computer
PDU	Protocol Data Unit
PE	Presentation Element
PMO	Proxy Managed Object
PREPARE	Pre-Pilot in Advanced Resource Management (RACE Project No. 2004)
PRISM	Pan-European Reference Configuration for IBC Service Management (RACE Project No. 2041)
PROOF	Primary Rate ISDN OSI Office Facilities (ESPRIT Project No. ____)
PROSPECT	It is not an acronym (ACTS Project No. 52)
PSAP	Presentation Service Access Point
QA	Q-Adapter
QAF	Q-Adapter Function

Acronyms and Abbreviations

QoS	Quality of Service
RA	Resource Adapter
RACE	Research in Advanced Communications in Europe
RAM	Read Access Memory
REFORM	REsource and Fault restORation and Management in ATM (ACTS Project No. 10135)
RDN	Relative Distinguished Name
RFC	Request For Comments
RMI	Remote Method Invocation
RMIB	Remote Management Information Base
ROSAP	Remote Operations Service Access Point
ROSE	Remote Operations Service Element
RPC	Remote Procedure Call
SAP	Service Access Point
SDH	Synchronous Digital Hierarchy
SDL	Specification and Description Language
SM	Service Management
SMA	Systems Management Agent
SMAE	Systems Management Application Entity
SMAP	Systems Management Application Process
SMAS	Systems Management Application Service
SMASE	Systems Management Application Service Element
SMF	Systems Management Function
SMI	Structure of Management Information
SMIB	Shadow Management Information Base
SMK	Shared Management Knowledge
SML	Service Management Layer
SMO	Shadow Managed Object
SNMP	Simple Network management Protocol
SONET	Synchronous Optical Network
SS7	Signalling System number 7
SSAP	Session Service Access Point
SSMIP	Simple String-based Management Information Protocol
TBOS	Telemetry Byte-Oriented Serial protocol

TCP	Transmission Control Protocol
TINA	Telecommunications Information Networking Architecture
TL-1	Transaction Language 1
TMN	Telecommunications Management Network
TOMQAT	Total Quality of Service Management in ATM (RACE Project No. 2116)
TP	Transaction Protocol
TSAP	Transport Service Access Point
UCL	University College London
UCL CS	UCL Computer Science
UISF	User Interface Support Function
UTC	Universal Time
VITAL	Validation of Integrated Telecommunications Architecture for the Long-term (ACTS Project No. 187)
VCC	ATM Virtual Channel Connection
VPC	ATM Virtual Path Connection
VPCRM	Virtual Path Connection and Routing Management
VPN	Virtual Private Network
WS	Workstation
WSF	Workstation Function
WSSF	Workstation Support Function
WWW	World Wide Web
XDR	eXternal Data Representation
XMP	X/Open Management Protocols
XOM	X/Open OSI-Abstract-Data Manipulation

