

ACRONYMS

A

AA	Active Application
AC	Active Code
ACC	Authorisation Check component
AIN	Advanced Intelligent Networks
AN	Active Network
ANN	Active Network Node
ANDROID	Active Network DistRibuted Open Infrastructure Development
ANEP	Active Network Encapsulation Protocol
A-PBM	Active Policy-Based Management
API	Application Programming Interface
ASP	Active Service Provisioning system (FAIN system)

C

CAC	Call Admission Control
CE	Control Element
CIA	Code Installing Application
CIM	Code Information Model
CLI	Command Line Interface
CMIP	Common Management Information Protocol
CNF	Conjunctive Normal Form
COPS	Common Open Policy Service
CORBA	Common Object Request Broker Architecture

D

DB	Database
DiffServ	Differentiated Services

DmMs	Decision-making Monitoring system
DNF	Disjunctive Normal Form
DPE	Distributed Processing Environment
E	
EE	Execution Environment
EL	Element-level
F	
FE	Forwarding Element
G	
GUI	Graphical User Interface
I	
IDL	Interface Definition Language
IETF	Internet Engineering Task Force
IM	Information Model
IMO	Information Model Object
IN	Intelligent Networks
IntServ	Integrated Services
IOR	Interoperable Object Reference
IOS	CISCO Operating System
IS	Individual Statement
ISP	Internet Service Provider
ITU	International Telecommunication Union
J	
JMF	Java Media Framework
JVM	Java Virtual Machine

L

LAN	Local Area Network
LDAP	Light Directory Access Protocol

M

MANBoP	Management of Active Networks Based on Policies. (The Management Framework targeted in this thesis).
MIB	Management Information Base
MM	Monitoring Meter
MPLS	MultiProtol Label Switching

N

NACK	Not Acknowledged
NE	Network element
NGI	Next Generation Internet
NL	Network-level
NO	Network Operator

O

OMG	Object Management Group
ORB	Object Request Broker
OS	Operating System

P

PBM	Policy-based Management
PBNM	Policy-based Network Management
PCC	Policy Conflict Check
PCIM	Policy Core Information Model
PCM	Policy Consumer Manager
PC	Policy Consumer
PDP	Policy Decision Point

PE	Policy Editor
PEP	Policy Enforcement Point
PGES	Policy Group Execution Strategy
PIB	Policy Information Base
POA	Portable Object Adapter
PSTN	Public Switched Telephone Network
PxP	Policy extension by Policy
Q	
QoS	Quality of Service
R	
RMI	Remote Method Invocation
RSVP	Resource Reservation Protocol
S	
SigDemux	Signalling requests demultiplexer
SLA	Service Level Agreement
SNMP	Simple Network Management Protocol
SP	Service Provider
T	
TEManager	Traffic Engineering Manager
TINA	Telecommunications Information Networking Architecture
TMF	Telecommunications Management Forum
TMN	Telecommunications Management Network
TOM	Telecommunications Operations Map
ToS	Type of Service
U	
UML	Unified Modelling Language

UTC Universal Time Coordinated

V

VAN Virtual Active Network

VE Virtual Environment

VoIP Voice over IP

VPN Virtual Private Network

W

WAN Wide Area Network

X

XML eXtensible Markup Language