# **Appendix A** Graphic View of Object Class Definitions

Overview	A-2
Graphic View Index	A-2
Graphic View Diagrams	A-4

## **Overview**

The purpose of this appendix is to provide a graphic view of the base NDS<sup>TM</sup> schema, showing the object classes, super classes, and inheritance. Each object class is represented by a box that contains the name of the object class, its immediate super class, and a listing of the containment rules and attributes that are defined for that object class. This view does not show the default ACL templates, nor does it provide comments about the attributes.

In this view, the object class that is placed above another object class is its super class. The object classes that are below another object class are its subordinates. An object class inherits the rules and the attributes defined by all of its super classes, but they do not inherit from their subordinates. The arrows show the direction of flow for inheritance.

Each object class has the following information listed:

- Effective/Non-effective status
- Subclass Of (immediate super class)
- Contained By classes
- Named By attributes
- Must Contain attributes (Mandatory)
- May Contain attributes (Optional)

# **Graphic View Index**

Table A.1 provides a quick index to the object classes in the graphic views that follow. Both the figure number(s) and page number(s) are given to facilitate easy location of the object class you may be looking for.

Table A.1 Graphic View Index

Figure	Page Number
Figure A.10	page 13
Figure A.1	page 4
Figure A.1	page 4
Figure A.8	page 11
Figure A.11	page 14
Figure A.7	page 10
Figure A.1	page 4
Figure A.7	page 10
Figure A.9	page 12
Figure A.2	page 5
	Figure A.10 Figure A.1 Figure A.1 Figure A.8 Figure A.11 Figure A.7 Figure A.1 Figure A.7 Figure A.7 Figure A.7

**Table A.1 Graphic View Index** *continued* 

Object Class	Figure	Page Number
Group	Figure A.5	page 8
List	Figure A.2	page 5
Locality	Figure A.2	page 5
Message Routing Group	Figure A.5	page 8
Messaging Server	Figure A.11	page 14
NCP Server	Figure A.10	page 13
Organization	Figure A.3	page 6
Organizational Person	Figure A.6	page 9
Organizational Role	Figure A.3	page 6
Organizational Unit	Figure A.4	page 7
Partition	Figure A.5	page 8
Person	Figure A.6	page 9
Printer	Figure A.7	page 10
Print Server	Figure A.10	page 13
Profile	Figure A.4	page 7
Queue	Figure A.8	page 11
Resource	Figure A.8, Figure A.9	page 11, page 12
Server	Figure A.10, Figure A.11	page 13, page 14
Top, Tree Root	Figure A.1- Figure A.11	page 4- page 14
Unknown	Figure A.4	page 7
User	Figure A.6	page 9
Volume	Figure A.9	page 12

# **Graphic View Diagrams**

Figure A.1 Top (Tree Root), Alias, Bindery Object and, Country Classes

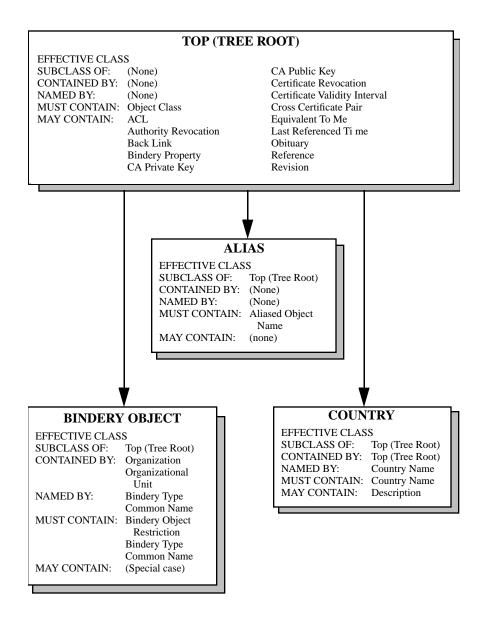


Figure A.2 Top (Tree Root), External Entity, List and, Locality Classes

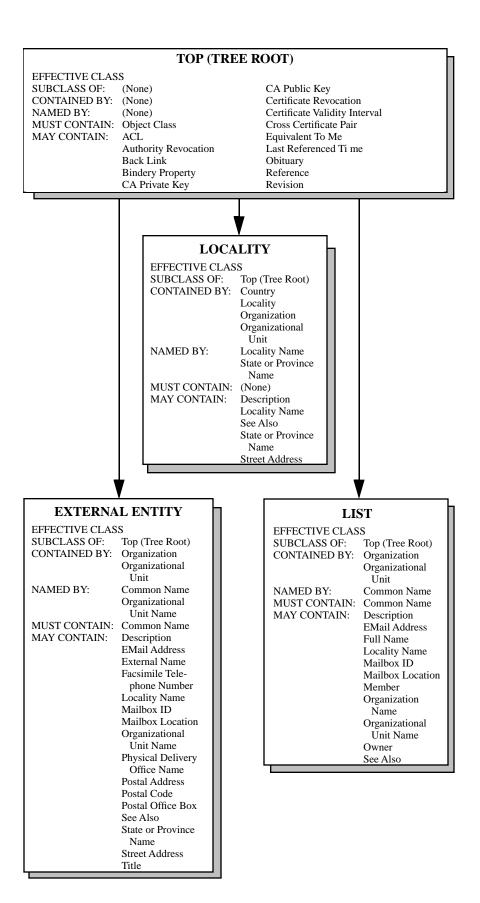


Figure A.3 Top (Tree Root), Organization, and Organizational Role Classes

#### **TOP (TREE ROOT)**

EFFECTIVE CLASS

SUBCLASS OF:(None)CA Public KeyCONTAINED BY:(None)Certificate RevocationNAMED BY:(None)Certificate Validity IntervalMUST CONTAIN:Object ClassCross Certificate PairMAY CONTAIN:ACLEquivalent To Me

Authority Revocation Last Referenced Time

Back Link Obituary

Back Link Obituary
Bindery Property Reference
CA Private Key Revision

#### **ORGANIZATION**

EFFECTIVE CLASS

SUBCLASS OF: Top (Tree Root) CONTAINED BY: Country

Locality

NAMED BY: Top (Tree Root)
NAMED BY: Organization
MUST CONTAIN: Organization
MAY CONTAIN: Description

Detection Intruder EMail Address Facsimile Telephone Number Intruder Attempt Reset Interval Intruder Lockout

Intruder Lockout Reset Interval Locality Name Lockout After Detection Login Intruder Limit Login Script Mailbox ID

Mailbox Location NNS Domain Physical Delivery Office Name Postal Address Postal Code

Postal Office Box Print Job Configuration Printer Control See Also Sate or Province

Name Street Address Telephone Number

#### ORGANIZATIONAL ROLE

EFFECTIVE CLASS

SUBCLASS OF: Top (Tree Root) CONTAINED BY: Organization

Organizational

Unit

NAMED BY: Common Name MUST CONTAIN: Common Name MAY CONTAIN: Description

EMail Address
Facsimile Telephone Number
Locality Name
Mailbox ID
Mailbox Location
Organizational
Unit Name
Physical Delivery
Office Name
Postal Address

Postal Code Postal Office Box Role Occupant See Also State or Province Name Street Address

Telephone

Number

Figure A.4 Top (Tree Root), Organizational Unit, Profile, and Unknown Classes

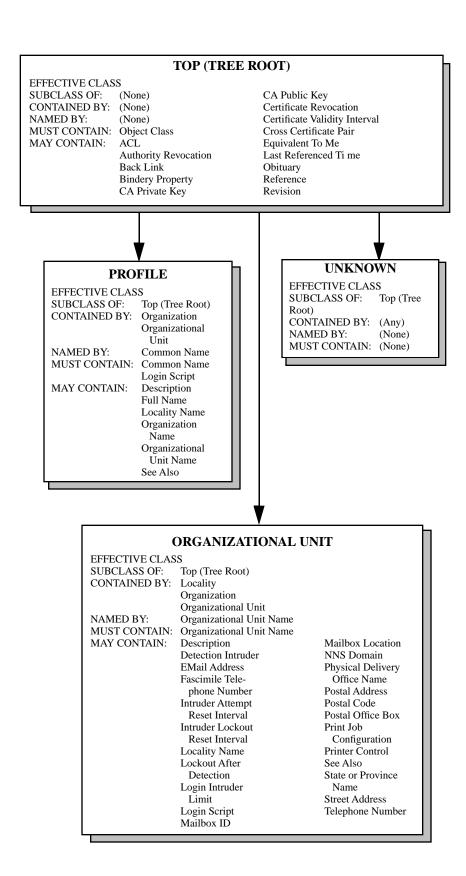


Figure A.5 Top (Tree Root), Partition, Group, and Message Routing Group Classes

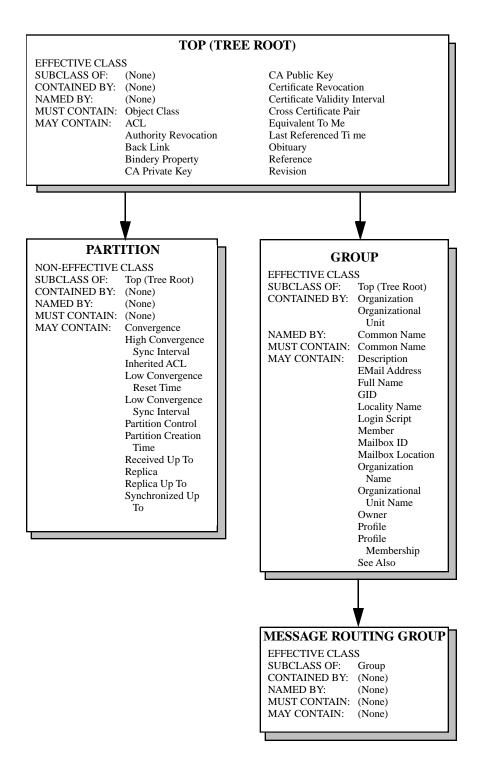


Figure A.6 Top (Tree Root), Person, Organizational Person, and **User Classes** 

### TOP (TREE ROOT)

EFFECTIVE CLASS

CA Public Key SUBCLASS OF: (None) CONTAINED BY: (None) Certificate Revocation NAMED BY: Certificate Validity Interval (None) MUST CONTAIN: Object Class Cross Certificate Pair MAY CONTAIN: ACL Equivalent To Me

Authority Revocation Last Referenced Ti me

Back Link Obituary Bindery Property Reference



#### **PERSON**

NON-EFFECTIVE CLASS

Top (Tree Root) SUBCLASS OF: CONTAINED BY: (None) NAMED BY: (None) Common Name MUST CONTAIN:

Surname

MAY CONTAIN: Description

Initials Full Name See Also Telephone Generational Number Qualifier



#### ORGANIZATIONAL PERSON

NON-EFFECTIVE CLASS

SUBCLASS OF: Person CONTAINED BY: Organization Organizational Unit

NAMED BY: Common Name

Organizational Unit Name MUST CONTAIN: (None)

MAY CONTAIN: EMail Address

Physical Delivery Office Name Facsimile Telephone Number Postal Address Locality Name Postal Code Mailbox ID Postal Office Box Mailbox Location State or Prov.

Name



## **USER**

EFFECTIVE CLASS SUBCLASS OF:

CONTAINED BY:

NAMED BY: MUST CONTAIN:

MAY CONTAIN:

Organizational Person

(None) (None)

(None) Account Balance Allow Unlimited Credit Group Membership Higher Privileges Home Directory Language Last Login Time Locked By Intruder

Login Allowed Time Map Login Disabled Login Expiration Time Login Grace Limit

Login Grace Password Expiration Remaining Login Intruder Address Password Minimum Lgth. Login Intruder Attempts Login Intruder Reset Time

Password Required Password Unique Req. Password Used Print Job Configuration Printer Control Private Key Login Maximum Simultaneous Login Script Login Time Profile Profile Membership Message Server Public Key Security Equals Security Flags Minimum Account Balance Network Address Network Address Server Holds Restriction Type Creator Map Password Allow Change

Time

Password Expiration Interval

Figure A.7 Top (Tree Root), Device, Computer, and Printer Classes

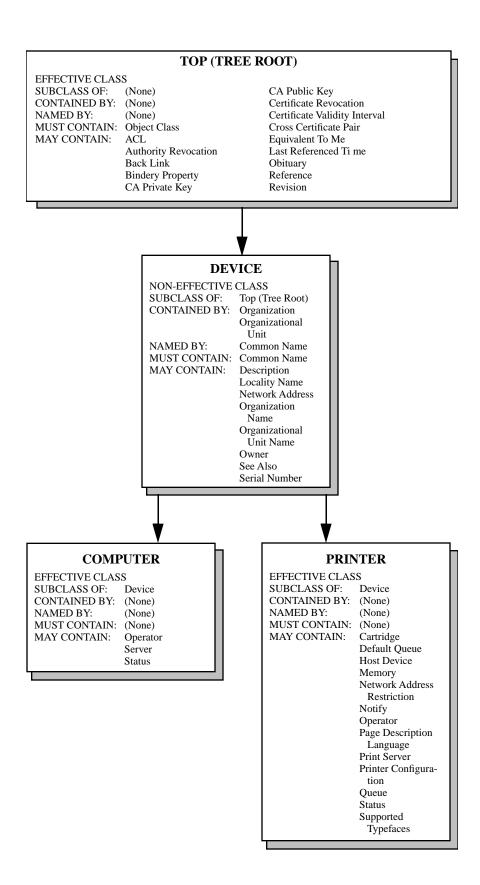


Figure A.8 Top (Tree Root), Resource, Queue, and Bindery Queue Classes

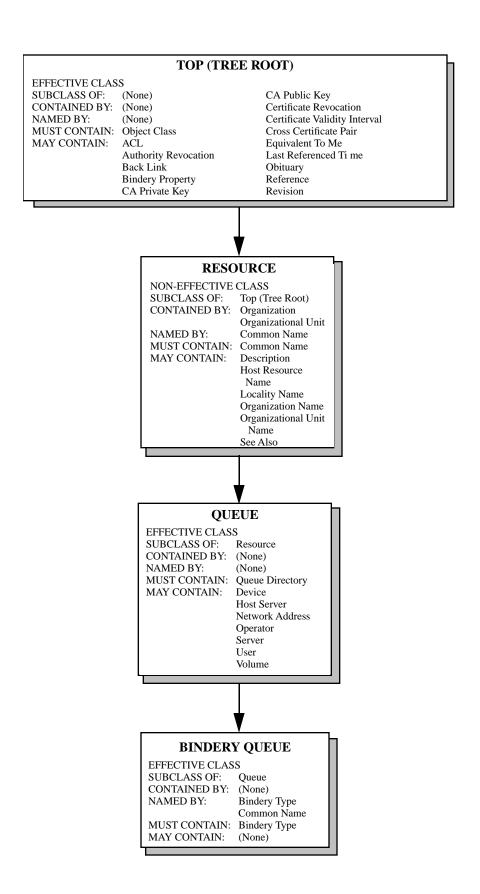


Figure A.9 Top (Tree Root), Resource, Directory Map, and Volume Classes

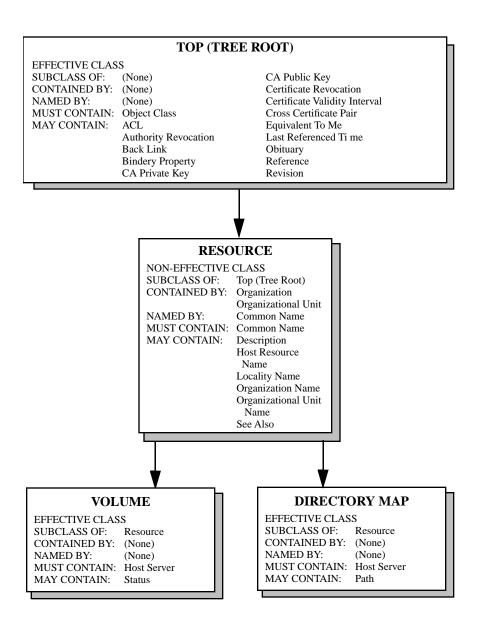


Figure A.10 Top (Tree Root), Server, AFP Server, NCP Serve, and Print Server Classes

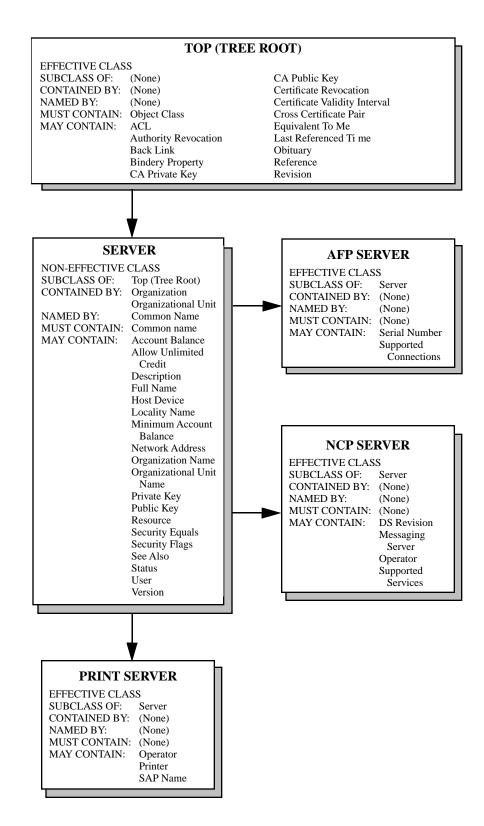


Figure A.11 Top (Tree Root), Server, Comm Exec, and Messaging Server Classes

