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# Lightweight Directory Access Protocol (LDAP): Auxiliary Object Class 'mailboxRelatedObject' draft-stroeder-mailboxrelatedobject-00

## Abstract

This document defines the auxiliary object class 'mailboxRelatedObject' that can be used to associate an arbitrary object with a RFC 2822 mail address.

## Status of this Memo

This Internet-Draft is submitted in full conformance with the provisions of BCP 78 and BCP 79.

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This Internet-Draft will expire on June 19, 2013.

Table of Contents

## 1. Introduction

Often there is a need to add attribute 'mail' defined in [RFC4524] to directory entries to associate a, most times non-personal, RFC 2822 mail address with an arbitrary object.

This document defines the auxiliary object class 'mailboxRelatedObject' for that purpose so abusing person object classes like 'inetOrgPerson' defined in [RFC2798] for non-personal mail addresses is not needed.

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in [RFC2119].

This document is being discussed on the ldapext@ietf.org mailing list.

## 2. Object Class Definition

Entries of auxiliary object class 'mailboxRelatedObject' MUST contain attribute 'mail' defined in [RFC4524] as required attribute and MAY contain attribute 'displayName' defined in [RFC2798].

```
( 1.3.6.1.4.1.5427.1.389.6.9
  NAME 'mailboxRelatedObject'
  DESC 'Associated RFC 2822 mailbox for any entry'
  AUXILIARY
  MUST ( mail )
  MAY ( displayName ) )
```

## 3. IANA Considerations

The OID arc used for the object class defintion is:
iso(1) org(3) dod(6) internet(1) private(4) enter-prise(1) stroeder.com(5427) public(1) ldap(389) objectClasses(6)

## 4. Security Considerations

The introduction of these object classes does not impact the security of the Internet or a particular LDAP directory service.

Security considerations for LDAP in general are discussed in documents comprising the technical specification [RFC4510].

## 5. Normative References

[RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, RFC 2119, March 1997.

[RFC2798] Smith, M., "Definition of the inetOrgPerson LDAP Object Class", RFC 2798, April 2000.

[RFC4510] Zeilenga, K., "Lightweight Directory Access Protocol (LDAP): Technical Specification Road Map", RFC 4510, June 2006.

[RFC4524] Zeilenga, K., "COSINE LDAP/X.500 Schema", RFC 4524, June 2006.

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