Network Working Group M. Stroeder Internet-Draft December 16, 2012

Intended status: Informational

Expires: June 19, 2013

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 $\underline{\mathsf{BCP}}$ 78 and $\underline{\mathsf{BCP}}$ 79.

Internet-Drafts are working documents of the Internet Engineering Task Force (IETF). Note that other groups may also distribute working documents as Internet-Drafts. The list of current Internet-Drafts is at http://datatracker.ietf.org/drafts/current/.

Internet-Drafts are draft documents valid for a maximum of six months and may be updated, replaced, or obsoleted by other documents at any time. It is inappropriate to use Internet-Drafts as reference material or to cite them other than as "work in progress."

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

Copyright Notice

Copyright (c) 2012 IETF Trust and the persons identified as the document authors. All rights reserved.

This document is subject to <u>BCP 78</u> and the IETF Trust's Legal Provisions Relating to IETF Documents

(http://trustee.ietf.org/license-info) in effect on the date of publication of this document. Please review these documents carefully, as they describe your rights and restrictions with respect to this document. Code Components extracted from this document must include Simplified BSD License text as described in Section 4.e of the Trust Legal Provisions and are provided without warranty as described in the Simplified BSD License.

Internet-Draft	LDAP	Mailbox	Related	Objects	
----------------	------	---------	---------	---------	--

Table of Contents

<u>1</u> .	Introduction											3
<u>2</u> .	Object Class Definition											3
<u>3</u> .	IANA Considerations											3
<u>4</u> .	Security Considerations											3
<u>5</u> .	Normative References .											4
Auth	nor's Address											4

December 2012

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", <u>BCP 14</u>, <u>RFC 2119</u>, March 1997.
- [RFC2798] Smith, M., "Definition of the inetOrgPerson LDAP Object Class", <u>RFC 2798</u>, 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.

Author's Address

Michael Stroeder Karlsruhe Germany

Email: michael@stroeder.com URI: http://www.stroeder.com