



# Rocket LDAP Bridge V3.5

The real-time LDAP gateway to mainframe resources.

**The Rocket LDAP Bridge allows you to integrate RACF, CA ACF2, and CA Top Secret databases with your other enterprise security data, by using standard LDAP commands.**

## About the Rocket LDAP Bridge

The Rocket LDAP Bridge consists of a base product and a flexible set of optional plug-ins. It is based on OpenLDAP with LDAPv3 support.

### Highlights

The Rocket LDAP Bridge:

- Works with mainframe security database fields:
  - All RACF fields
  - All TSS fields including user-defined fields
  - All ACF2 logonid record fields as well as Access and Resource rules.
- Provides bi-directional password synchronization between mainframe security database and the client
- Is constructed such that LDAP data and applications reside on the mainframe
- Uses TLS/SSL with Mutual Authentication and CRL checking
- Provides LDAP change logging and audit logging
- Provides alias management on user creation and deletion
- Allows you to search using standard LDAP filters
- Supports the pam\_ldap authentication plug-in, for authenticating Linux logins against the RACF user database

### Plug-ins

The Rocket LDAP Bridge serves as the foundation for a suite of plug-in products. Each plug-in enables you to customize your LDAP repository by adding new functionality.

The Rocket LDAP Bridge plug-ins help simplify administration tasks in complex, heterogeneous environments that include z/OS mainframes. They work with third-party identity management solutions and web applications, and expose powerful, secure administration interfaces.

- **racf2ldap, acf22ldap, tss2ldap** – provide automatic outbound synchronization from RACF, CA ACF2, or CA Top Secret to the LDAP Server.
- **ldap2racf, ldap2acf2, ldap2tss** – provide inbound synchronization. These plug-ins are designed to allow you to update RACF, CA ACF2, or CA Top Secret fields.
- **pticket** – provides RACF PassTicket credentials to sufficiently authorized LDAP clients.
- **ldifsync** - provides a method for authorized LDAP clients to retrieve, in standard LDIF format, the changes that were made to the RACF, CA ACF2, or CA Top Secret database since the last ldifsync query.
- **ldap2tso** - provides a method for authorized LDAP clients to issue non-interactive TSO commands, in the security context of the authenticated LDAP user.
- **pwdsync** - provides a method for authorized LDAP clients to push passwords to the mainframe, or read the results of each user's most recent password change.

### Required z/OS System Software:

- IBM z/OS 1.7, 1.8, or 1.9
- CA Top Secret r9 (when working with the tss2ldap plug-in)
- CA ACF2 r9 (when working with the acf22ldap plug-in)

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