

IdF Advanced Adapters | Symlabs Edition

Bridging the Identity Divide

symlabs
IDENTITY MANAGEMENT SOLUTIONS

Features

- Platform Native Based Technology
- Native Authorization | Authentication
- User Profile Profile Management
- Web Single Sign-On
- Password Management
- Access Policy Creation
- Synchronize Identity Data
- Group Management
- Enhanced Performance
- Enhanced Data Recovery
- Extend custom / legacy applications

IdF Advanced Adapter Suite

- Advanced Adapter for CA – ACF2
- Advanced Adapter for CA – Top Secret
- Advanced Adapter for IBM – RACF
- Advanced Adapter for IBM – i5

IdF Adapter Editions

- Enterprise
- Standard
- Express

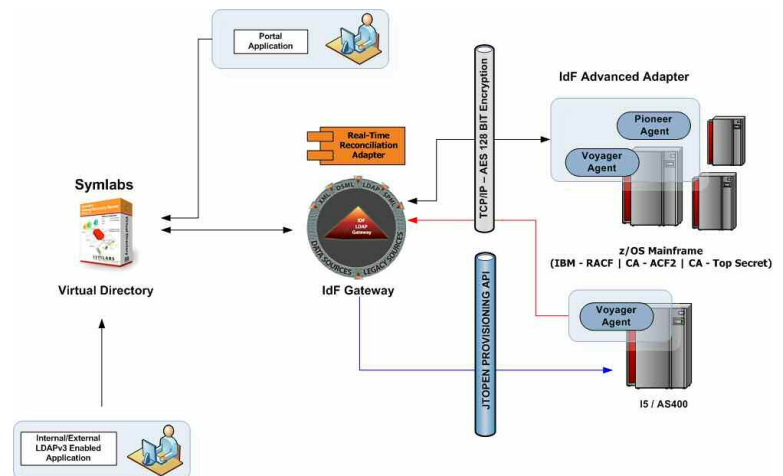
IdF Advanced Adapters | Symlabs Edition provide enterprise class support for mainframe and midrange systems. The IdF Gateway built on JAVA utilizing LDAP v.3 standard, works in concert with IdF's Advanced Adapter Series. The solution enables Symlabs Virtual Directory to provide that virtualize view of the target host system group and user profile information and associated attributes.

IdF Advanced Adapters compliments Symlabs Virtual Directory by providing native support for the virtualization and administration of user profiles, password management, synchronizing identity data, access policy creation and group management.

The IdF Symlabs Edition of Advanced Adapters are tightly integrated with Symlabs Virtual Directory Server pre-packaged and "Ready to Go". The solution enhances Symlabs's virtualization of for portals, web services, identity management and other solutions when mainframe, midrange and legacy systems are integral components of the solution.

The IdF Advanced Adapter is comprised of two components, the Pioneer and Voyager Agents. Both agents work together with the IdF LDAP Gateway allowing the mainframe to communicate natively with the Symlabs Virtual Directory. This elegant design provides the seamless communication between the two systems.

Figure 1. IdF Symlabs Edition Architecture



IdF Pioneer Agent

The Pioneer (provisioning) agent receives Identity and Authorization change events, effectuating requested changes upon the target system. The Pioneer agent is a mainframe installed component that executes native requests that are sent from Symlabs Virtual Directory.

IdF Voyager Agent

The Voyager (reconciliation) agent sends real-time notification events of user profile changes to Symlabs Virtual Directory from the target host system. The agent detects events such as user addition and deletion and changes in status, attribute, group membership and/or password.

User Management

- Create, modify, or delete mainframe user
- Set one-time-use password (Administration Reset)
- Change password (Self service change) **ADVANCED**
- Revoke, resume, or disable user
- List user information
- Add or remove user from group/profile
- Add or remove user to General Resource Profile **ADVANCED**
- Associate users to groups
- Authorize or Un-Authorize use of resources, facilities and data sets **ADVANCED**
- Detect and report native delete user **ADVANCED**
- Detect and report native revoke user status **ADVANCED**
- Detect and report native resume status **ADVANCED**
- Detect and report native changes to user attributes **ADVANCED**

Group | Profile Management

- Add Group/Profile
- Remove Group/Profile
- List Profile (Including User Membership)
- Assign or Un-Assign User Membership (Multiple Users)
- Detect and report native group membership changes **ADVANCED**

Password Management

- Change password (Self service change) **ADVANCED**
- Resume (reset) password
- Replace password
- Detect native password change **ADVANCED**
- Synchronize native password in real-time **ADVANCED**

Role Management

- Search all group / roles (including membership) **ADVANCED**
- Query all user memberships **ADVANCED**
- Detect native role changes **ADVANCED**

System Management

- Alias Management **ADVANCED**
- Provision of resource profiles (datasets, DASD volumes, tape volumes, load modules) **ADVANCED**
- Assign or Un-Assign user membership or ownership to resource profiles **ADVANCED**
- Retrieve resource profile information **ADVANCED**

Connection & Security

- Authentication or authorization
- Passing messages to / from mainframe from are AES Encrypted
- Detect and report native user logon or authentication (by user logon, TSO command line or batch jobs) **ADVANCED**

Transaction Management & Scalability

- Use of memory sub-pools for event processing **ADVANCED**
- Processing in native commands **ADVANCED**
- Ability to store transactions for communication or system failure recovery **ADVANCED**
- Capture of mainframe initiated change events to meet compliance requirements **ADVANCED**

Extensibility

- Ability to integrate with Security Manager custom attributes **ADVANCED**
- Ability to provision to custom applications **ADVANCED**

System Requirements

Symlabs Platform Requirements:

- Symlabs Virtual Director 3.x or above

IBM Mainframe OS Requirements:

- OS/390
- z/OS 1.6 – 1.9

Security Managers:

- RACF on z/OS
- CA-ACF2 on z/OS 6.2 – 12.x
- CA-Top Secret on z/OS 5.2 – 12.x

IBM i5 OS Requirements:

- IBM-i5/OS R5V2 or greater

For More Information

To learn more about Identity Management solutions for mainframe and midrange systems please visit us at www.identityforge.com.