

IdentityForge IBM-RACF Advanced Adapter

Bridging the Identity Divide

Key Features

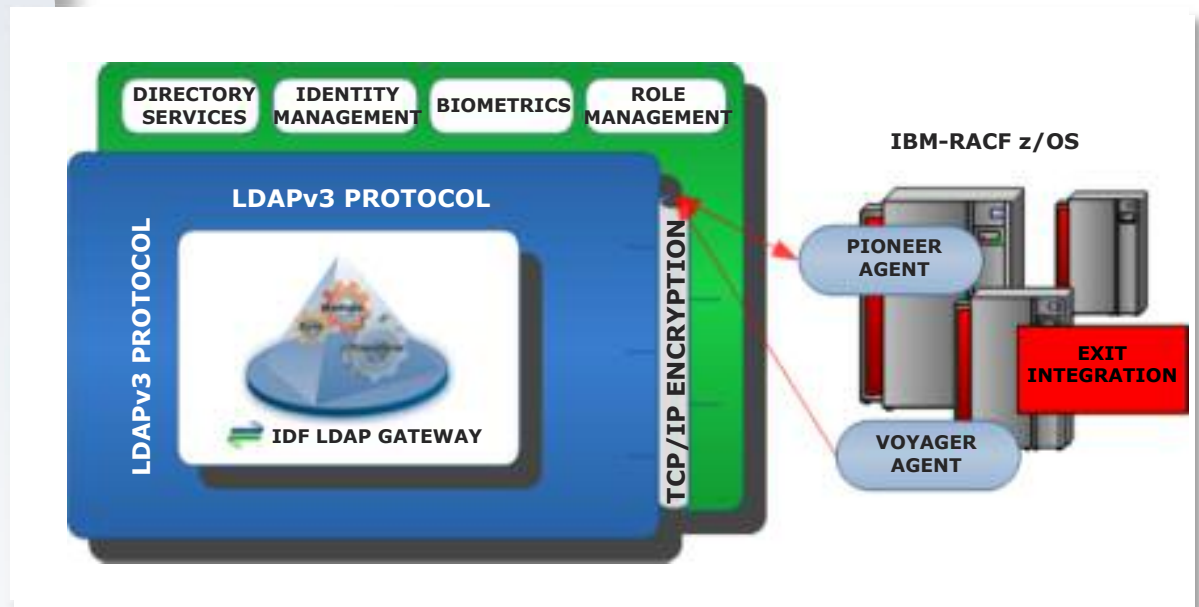
- Native Authentication & Authorization
- Bi-Directional User Synchronization
- Password Management
- Group Management
- Resource Management
(Dataset & General Resources)
- Alias Management
- Real-Time Reconciliation
- System Management
- Audit & Compliance
- Extend Legacy Applications
- Enhanced Performance
- Standard LDAPv3 Interface

The IdentityForge (IdF) IBM-RACF Advanced Adapter provides full enterprise support for managing z/OS RACF system accounts. Utilizing the IdF LDAP Gateway, built on JAVA technology along with a LDAPv3 standard protocol interface, will allow any standard LDAPv3 Client or LDAP Identity Management Adapter to seamlessly integrate RACF functionality.

The IdF Advanced Adapters function as a trusted virtual administrator for the target system, performing tasks, such as creating IDs, assigning dataset access, and changing passwords. The Advanced Adapter Series enables use of any RACF z/OS system to be used as a managed (TARGET) resource or as an authoritative (TRUSTED) source of user information for your application or Identity Infrastructure.

The IdF Advanced Adapter Series is comprised of a Pioneer provisioning agent, Voyager reconciliation agent and the IdF LDAPv3 Virtual Directory Gateway Server. This allows the Advanced Adapters the ability to provide a rich feature set for supporting provisioning and reconciliation events in an industry standard fashion.

Figure 1.0 IBM-RACF Advanced Adapter Overview



Supported Versions

- z/OS 1.7 - 1.12

IdF Adapter Suites

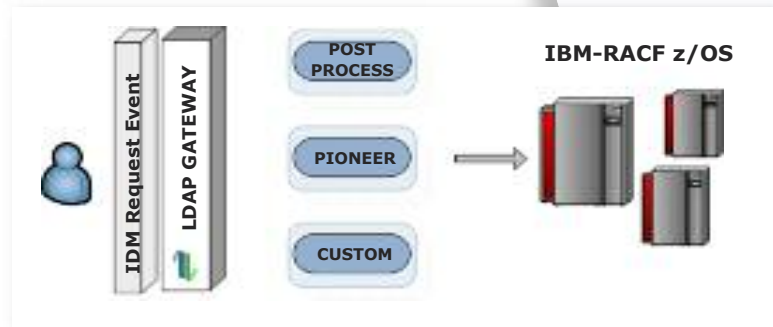
- Express Edition
- Standard Edition
- Enterprise Edition



IBM-RACF Advanced Adapter Component Overview

z/OS Pioneer Agent

The Advanced Mainframe Provisioning agent is an IBM-RACF z/OS installed component which executes native RACF and z/OS commands. These requests begin with LDAPv3 events from the IdF LDAP Virtual Directory and then effectuate the requested changes upon the target system. For example, when an LDAP Bind is performed the result will be an authentication event on RACF validating the users login credentials.

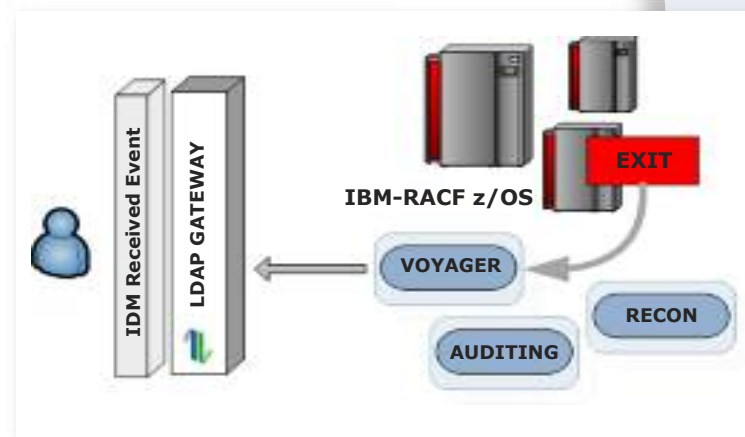


IdF LDAP Virtual Directory

The IdF LDAP Gateway is an industry standard Virtual Directory which allows any LDAPv3 client, DSML web service or LDAPv3 Identity Management Adapter to connect to a range of different target systems using a simple, standard, and supported protocol. The IdF LDAP Gateway can be used from Identity Management Systems, Web Services, Biometric software, Custom LDAP integration, and any LDAPv3 Virtual Directory. Our technology will not restrict or limit the software to any one product or vendor.

z/OS Voyager Agent

The Advanced Mainframe Voyager agent is an IBM-RACF z/OS installed component, in conjunction with RACF EXIT(s), captures, audits and sends "real-time" native RACF and z/OS commands to the IdF LDAP Gateway. The data is consumed by the IdF LDAP Gateway for processing into any Identity Management, Third-Party or LDAPv3 products. Auditing data includes: Who made change, what user was changed and what event or command was processed. The auditing output is stored in a generic LDAP format for ease of processing.



Integration with Other Identity Management Components

The IdF LDAP Gateway is a standard LDAPv3 protocol server, which allows any compliant LDAPv3 client(s) or adapter to seamlessly integrate with IBM-RACF target system. The benefits of utilizing the IdF Advanced Adapter series and IBM-RACF integration are; faster deployment, a rich set of features and helps ease the burden of timelines and cost.

User Management Features

- AUTHENTICATE USER WITH ID & PASSWORD
- CREATE, UPDATE, & DELETE USER/LOGIN ID
- RESET USER PASSWORD
- ENABLED/DISABLED USER
- ASSIGN/UN-ASSIGN USER TO GROUP
- PERMIT USER TO DATASETS & GENERAL RESOURCES

Reconciliation & Data Mining Features

- RETRIEVE ALL USERS ALONG WITH ATTRIBUTE INFORMATION
- RETRIEVE ALL GROUPS ALONG WITH ATTRIBUTE INFORMATION
- RETRIEVE ALL DATASETS ALONG WITH ATTRIBUTE INFORMATION
- RETRIEVE ALL RESOURCES ALONG WITH ATTRIBUTE INFORMATION

Other Features

- DEFINE OR DELETE ALIAS
- ENTITLEMENT REMOVAL
- POLICY & COMPLIANCE AUDITING

Certified Product Editions

- Microsoft FIM 2010 with IdentityForge MA
- Oracle Identity Manager 11G
- The Dot NET Factory Empower ID
- IBM Tivoli 5.x
- VOICETRUST Biometric
- OpenIAM

Certified Directory Editions

- Oracle Virtual Directory 11G
- Symlabs Virtual Directory
- Radiant Logic Virtual Directory
- Standard LDAPv3 & DSML Clients
- Apache Directory Server
- OpenDS

RACF Advanced Adapter

<http://www.identityforge.com/products/advanced-adapter-for-ibm-racf>



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