

ETF/A

EKC Tools for ACF2

Release Guide



ETF/A V1R7M1
EKC Inc.
E9710002-4

ETF/A™ is a proprietary product developed and maintained by

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ETF/A Publications

The following is a list of publications supplied with ETF/A:

Name	Contents
<i>Auditor's Quick-Guide</i>	Short cuts to the most frequently used auditing tools.
<i>Batch Programs and Reports Guide</i>	Instructions for using the ETF/A batch programs and reports.
<i>Firecall User's Quick-Guide</i>	Easy reference to the features most required by firecall users.
<i>Implementation Guide</i>	Instructions for implementing the new Dynamic Panel Facility and other features of ETF/A.
<i>Installation Guide</i>	ETF/A installation including installation and maintenance steps, startup and shutdown considerations, and backup and recovery procedures.
<i>Message Reference</i>	ETF/A Messages and codes.
<i>Release Guide</i>	Contains all new features and system function changes.
<i>Security Administrator's Guide</i>	A "How To" guide for the security administrator.

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Summary of Changes in ETF/A Release 1.7.1

General

In addition to improving some of the existing features for ETF/A version 1.7.1 two new features are being added - DB2 access and the Group UID facilities with role based access.

The DB2 facility includes:

- Rule Test Facility.
- Rule Compiler Interface (RCI).
- Quick Recover.
- File Maintenance Facility (FMF).
- Rule Aging Facility (RAF).
- Firecall.
- The Group UID facility includes:
 - MUID support.
 - Role based access support.
 - Firecall.
 - DB2 support.

ETF/A Options Facility

- New Firecall control for Firecall Access SMF Recording.

Firecall Facility

- Batch Firecall Activation / Deactivation Interface
- DB2 Secondary Authorization Ids Supported for Firecall UID and Surrogate access.
- Email Notification of Firecall Activation
- Multiple Firecall UID Support.
- Multiple Group UID Support for Firecall.
- Role based access definitions for Firecall driven by the group definitions.
- Separate Firecall DB2 MUID strings from the Firecall MUID strings used for standard dataset and resource access.
- SMF recording of accesses allowed under firecall using the Type 80 SMF record.
- Supports the ACF2 DB2 interface.

Summary of Changes in ETF/A Release 1.7.1

MUID Facility

- Alternate or Firecall MUID Types
- MUIDs May Be Restricted By Facility:
 - Standard Dataset / Resource
 - DB2 UID
 - DB2 Secondary Auth Id
 - Both Standard Dataset and DB2 UID
 - Group
- DB2 secondary authorization ids may be defined through the MUID facility.
- Ability to separated DB2 MUID strings from the MUID strings used for standard dataset and resource access.
- Supports the ACF2 DB2 interface.

GUID Facility (New)

The Group UID facility (GUID) enables a collection of MUIDs to be defined under a single name and assigned to users through the MUID facility by adding the single entity to their MUID list. The Group UID facility also provides a mechanism by which role based access may be defined and assigned to users via the group definition. The group access and role based access is available to both normal and Firecall access.

- Group MUID Types supported for both normal and Firecall access.
- Restrict MUID entries to specific types of access:
 - Standard Dataset / Resource
 - DB2 UID
 - DB2 Secondary Auth Id
 - Both Standard Dataset and DB2 UID
 - Role
- Supports ACF2 DB2 interface.

Role Based Access Control (RBAC) (New)

- Role based access definitions driven by the group definitions.
- Separate validation path from standard UIDs and MUIDs.
- Redefines UID string to group name (8 characters) and role name (16 characters).
- Allows use of meaningful names in the UID strings instead of esoteric code values.
- ACF2 masking still works for RBAC UID strings.
- Supports the ACF2 DB2 interface.

Summary of Changes in ETF/A Release 1.7.1

DB2

- MUID facility now supports DB2 Secondary Authorization Id type entries.
- Firecall facility now supports secondary authorization ids for Firecall UID and Surrogate access.
- MUID and Firecall MUID strings may be restricted to DB2 only, dataset/resource only, or both.
- ACF2 DB2 interface now supported for all ETF/A functions.

Rule Test Facility

The ETF/A Rule Test Facility now supports rules created using the ACF2 DB2 facility. Test rule create, edit, migrate, and delete is supported for all DB2 rule types.

File Maintenance Facility

ACF2 DB2 facility rules are supported for all functions provided under the ETF/A File Maintenance Facility.

Rule Compiler Interface

ACF2 DB2 facility rules are supported by the ETF/A Rule Compiler Interface for all DB2 rule types.

Product Installation

Enhanced product installation procedures including SMS support and simplified unpacking procedures.

Summary of Changes in ETF/A Release 1.7.1

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Firecall Facility Changes

Batch

Users may activate firecall in batch jobs through a batch interface alleviating the risk of having the firecall session expire in the middle of a long running batch job.

DB2

Firecall users may now be assigned multiple firecall DB2 secondary authorization ids via the MUID support panels. A type (M/F) indicator determines whether the MUID entry is used for normal or firecall access.

Firecall users may be assigned separate MUID entries for DB2 and standard dataset / resource access.

DB2 rules defined under the ACF2 DB2 interface are supported for all ETF/A functions.

Email Notification of Firecall Activation

ETF/A now has the capability to notify management and data owners via email when a firecall session is activated by a user. The email provides the logonid and name of the user activating the firecall session as well as the privilege(s) being activated, the problem ticket number (if available), and the “Nature of Emergency” text entered by the user. The problem ticket number and “Nature of Emergency” text from any preexisting active firecall is also included in the email.

Administrators may specify a global list of email addresses as well as a specific set of addresses associated with a firecall user. The email addresses may specify an individual email address or a distribution list. The administrator may also define a set text to be appended to the end of the email as a disclaimer or other notification. All recipients on the global list plus any recipients on the firecall user’s specific list will receive an email detailing the name of the user activating firecall, the firecall mode employed, the problem ticket number, and the nature of the emergency text.

The email interfaces uses standard SMTP to transmit a text message via the local email server. Distribution lists maintained on the local email server may be used in the global or user specific email address lists.

Activation of the firecall email facility is controlled through an option in the firecall options panel.

Multiple Firecall UID Support

Firecall users may now be assigned multiple firecall UID strings via the MUID support panels. A type (M/F) indicator determines how the MUID entry is used.

Firecall access to DB2 resources protected by ACF2 DB2 interface rules is now supported.

Group Multiple Firecall UID Support

Firecall users may now be assigned to multiple groups of firecall UID strings via the MUID support panels. A facility indicator (FAC) of G (Group) directs the entry to a Group UID (GUID) definition that incorporates multiple MUID and role UID definitions.

Firecall Facility Changes

Problem Ticket Support

Firecall activation now supports a separate problem ticket field which is included in all SMF records generated by ETF/A. The problem ticket number is optional by default but may be enforced through the firecall activation user exit.

SMF Recording

Access to datasets and resources allowed as a result of active firecall privileges are now recorded in the SMF datasets as type 80 records. The problem ticket number and nature of emergency text are included in the SMF record. ETF/A provides a report program to display the SMF records. This feature may be deactivated through the ETF/A options panels.

MUID Facility Changes

Alternate or Firecall MUID Type Support

Firecall users may now be assigned multiple firecall UID strings via the MUID support panels. A type (M/F) indicator determines how the MUID entry is used.

Facility Differentiation for MUID Entries

MUID entries are not identified for their intended facility. One of four modes may be specified for each MUID entry:

- Standard dataset / resource.
- DB2 UID.
- DB2 secondary auth id.
- Both standard dataset / resource and DB2 UID.
- Group links to GUID definitions

The mode is specified in the Fac indicator on the MUID maintenance panels.

DB2

The MUID facility now supports multiple DB2 secondary authorization ids. The secondary authorization ids may be specified for normal or firecall use through the maintenance panels.

Separate MUID entries may be defined for DB2 and standard dataset / resource access.

Group UID (GUID) Facility (New)

Group UID (GUID) Facility (New)

The group UID facility is a new addition to ETF/A. This facility allows a group of MUIDs to be defined in a single record and attached to a user through a single group type entry in the user's MUID record. Users may have multiple groups assigned to them.

Alternate or Firecall Group UID Support

Groups may consist of a mixture of normal and Firecall MUID definitions. The groups support the same all the facility definitions supported in the MUID record except groups (nested groups are not allowed). In addition groups support role based access definitions.

When a user is attached to a group as a normal MUID, the UIDs in the group retain their MUID / Firecall facility definition. However, when a user is attached to a group as a Firecall MUID, all the MUID definitions in the group are limited to the Firecall facility.

Role Based Access Control (RBAC) (New)

Transition to role based access is supported through the GUID facility. The group MUID is used to determine if a rule-set containing role based rules exists. If such a rule-set is present, the role type MUID entries in the GUID record are applied to the role based rule-set to determine if the user has access. Being separated from the normal UID / MUID rules the role rules cannot accidentally provide access through a normal UID or MUID.

The RBAC UID strings consist of the group name (8 characters) followed by the role name (16 characters). The roles and groups can be defined using meaningful names rather than relying on the esoteric concatenation of flag fields used by the standard UID string. Thus security administrators and data owners can identify at a glance the purpose for the access being granted.

Product Installation

Installation has been made easier with our new product packaging. A single job, with the specification of a few site specific parameters, will unpack all files required for the SMPE installation. Sample jobs tailored to your site's requirements are run in sequence to complete the install process.

The installation jobs now include SMS management parameters. The DLIB, target and SMPE libraries may be allocated on SMS managed volumes according to your site's specifications. DATACLAS, MGMTCLAS, and STORCLAS parameters for each of the types of libraries insure that each of the sets of libraries are allocated on the proper volumes and are managed correctly.