



Security Software

E-SRF Version 2, Release 2, Modification 1

General Availability

September 3, 2008

E-SRF is a comprehensive security analysis and reporting tool designed to provide critical security information in an easy-to-use format. The product was designed to address the reporting needs of security administrators, auditors and the people who are responsible for the resources being protected and / or the users who are accessing these resources.

E-SRF identifies what has happened, through Event reports, as well as what can happen, through Access Analysis reports.

Release Highlights:

- ◆ Improved synergy with other EKC product options – ETF/A, ETF/R, F\$RECALL, E-PAL, GUID, RBAC, etc.
- ◆ Improved data export capabilities.
- ◆ Streamlined installation procedures.
- ◆ Improved sample library for quicker implementation.
- ◆ Improved product documentation.
- ◆ Runtime improvements across the product.

General Highlights:

- ◆ Provides simplified access and log reporting that meets the requirements of management, audit and compliance
- ◆ Produces easy-to-read reports by attempting to eliminate security system abbreviations, jargon and codes
- ◆ Identifies the natural groupings of users and resources as defined by your security implementation.
- ◆ Permits grouping of users or resources with dissimilar naming conventions, such as in merging two data centers.
- ◆ Comparison reports identify what has changed over time, both by access and in the security definitions.

Features

- **Analyzes and reports on access controls as they are defined and used**

E-SRF Access Analysis reports are produced individually for a specific established security environment. These reports provide a method to

report on who has access to what resources at the user level and at the resource level. This information may be reported individually or logically grouped together. Managers may use these reports to determine what critical business information their employees are able to view and modify. Reports meet Audit standards as they are non-modifiable.

- **Summary and Detail Report Formats**

The summary format presents listings of resources and users grouped by common access. The detail format further breaks down the groupings by the specific types of access granted. If special criteria or restrictions are included in access rights, they can be viewed on the detail report format.

- **Full analysis of access possibilities**

E-SRF Access Analysis for ACF2 is unique in its ability to examine all of the potential access paths available through CA-ACF2 and EKC's ETF/A. All possible UID combinations – MultiVal, MUID, GUID, F\$RECALL and Role Based - are taken into consideration and included in the reporting. The Proposed Rule Comparison feature allows you to examine the effect of rule changes before they are implemented.

E-SRF Access Analysis for RACF is unique in its ability to group users and resources with common access connections regardless of the reason for the access – whether from system-wide settings, UACC, groups, or profiles. This component also provides tools for examining RACF controlled access to USS / Open Edition resources.

- **Management level Event reporting**

The E-SRF Event Reporting Facility produces easy to understand reports of Violations/Failures and Loggings/Successes that are suitable for Application Owners and User Managers without the need for a security system glossary of terms.

Report distribution is simplified by collecting all the reports for a manager together and distributing them via e-mail, HTML hardcopy, etc. Additional interested parties can receive the same reports over their own preferred media, and formatted for their own preferences, such as European date format, etc.

Event reports are provided for both fixed format and ad-hoc uses. Auditors prefer fixed reports that can't be doctored, while ad-hoc reports are essential for security forensics.

- **Grouping Facility combines unlike resources**

The E-SRF Resource Grouping provides a means to combine like resources or users with unlike names. In situations such as data center mergers, it is not immediately cost effective to re-name everything to a common standard. The Resource Grouping permits all of the resources for a set of applications to be grouped together under a single name.

The Resource Grouping also interacts with the event system's ownership and distribution capabilities to streamline implementation of and changes to your corporate security reporting needs.

EKC Product Integration

- **Reports on special accesses and privileges granted by ETF/A or ETF/R F\$RECALL Facility**

The ETF/R and ETF/A Firecall Facility allow pre-defined select users to be given the ability to activate extended privileges temporarily on an emergency basis. E-SRF can include these potential access permissions in its Access Analysis reporting, and can report on what was done with the emergency access through the Event reporting component.

- **Reports on access granted by ETF/A Multiple, Group, and RBAC UID Facilities. These options permit a single Logonid to have multiple UID strings to provide accesses for multiple user roles**

The ETF/A Multiple UID Facility enables users to be assigned up to 16 UID strings by which access to datasets and resources may be granted. ETF/A V1R7M1 includes additional UID string types for Group assignment and optionally for Role Based Access Controls. E-SRF is the only reporting tool that takes these additional access paths into consideration.

- **Quick displays for Sarbanes-Oxley compliance**

ETF/A, when linked with E-SRF, can generate screen displays of users having special privileges such as NON-CNCL, SECURITY, or inactive logonids. Quickly ascertain which users have access to datasets or resources, or which datasets or resources a user is capable of accessing.

- **Maintains ACF2 source groups for DB2 Secondary Authorization IDs with resource rules**

The ETF/A E-SRF Interface also provides the ability to use SID type resource rules to define access to DB2 secondary authorization ids and convert these resource rule definitions into the appropriate ACF2 source group lists to define the DB2 secondary authorization ids.

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Environment

IBM z/OS* 1.4 with RACF and above.
CA-ACF2† release 6.3 and above.

Perpetual Software License

Perpetual Software License for Site, Domestic and Global Enterprise License options are available.

Software Maintenance

The annual maintenance fee is 20% of the then current Software License price. Extended maintenance term pricing option is also available.

Education

On-site SE support and product training may be scheduled for all EKC products.