



Security Software
E-SRF Version 2, Release 1, Modification 0
General Availability
August 1, 2005

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 both the resources being protected and the users who are accessing these resources.

E-SRF consists of two discrete components (Access Analysis and Event Reporting) that may be implemented either as a full system or independently without dependencies on each other.

Access Analysis reports identify *what can happen*.

E-SRF Event reports show *what has happened*.

Release Highlights

- ◆ **Performance.** E-SRF Event Reporting performance is increased by a minimum of 100% up an order of magnitude. The entire product has been optimized to reduce overhead and increase performance by more effective utilization of features in the operating system and hardware.

General Product Highlights

- ◆ Designed to be used by anyone with the requirement for this type of information.
- ◆ Potential to save enormous amounts of time when reviewing security system controls and journalized events produced.
- ◆ Addresses management and audit requirements associated with security administration reporting and evaluation.
- ◆ Unique grouping facility provides ability to custom tailor reports.
- ◆ Produces easy-to-read reports by attempting to eliminate security system abbreviations, jargon and codes.
- ◆ Report requestor can control information to be displayed.

Key Features – Access Analysis

- ◆ **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 a list of users with access to a dataset or resource with type of access marked. Detail format shows the specific environment under which access is granted. If special criteria or restrictions are included in access rights, they can be viewed on the detail report format.
- ◆ **OpenEdition Resources Reports** - Access Analysis reports are available to identify "Who has access?" to OpenEdition Resources in the IBM-RACF* environment. They show the type of access and the reason the userid received those access rights.

*The products referenced in this document are trademarks of their respective companies.

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- ◆ **e-Trust CA-ACF2 (CA-ACF2)* Change Control** - The Proposed Rule Processor report compares existing security rules with proposed changes to quickly identify the effect a rule change would have.
- ◆ **Differences Reports** - Database and System Differences reports compare data across security databases. These types of reports are extremely valuable when evaluating multiple systems to determine who or what is different on each system.

Key Features – Event Reporting

- ◆ **Consolidated reporting** - Provides consolidated reporting across multiple discrete or shared security systems even in mixed security system environments (CA-ACF2*, IBM-RACF*). For example, a single report could contain security events and data for multiple systems, which may be running any supported security product.
- ◆ **Reporting designed for Security Professionals and those responsible for the secured resources** - Security Log Journal data are normalized and stored within its own specially designed Security Masterfile database providing an easy-to-use method for retrieval of important security information in a useful format. Repeated events may be summarized and condensed to single entries with an occurrence count. Summarized report entries are easily expandable when needed and allow for Trend and Statistical Analysis Reporting over an extended period of time. Event provides easy-to-read modifiable and fixed reports.
- ◆ **Report data grouping** – Security data may be grouped within logical groupings, providing the means to relate various resources, users and sources to meaningful groups that may be used as part of the report selection criteria. Groups may also be related to “Resource Owners,” which provides even higher grouping capabilities.
- ◆ **Report distribution** - A single report may be run in distribution mode. Each data owner would receive a customized report that shows all security reporting related specific owners. This includes resources, users and sources. These reports could be routed to their recipients both manually or using any SYSOUT report management facility.
- ◆ **Report customization** – Report formatting may be customized in the type of data presented by specifying Masterfile datanames and the actual data itself by specifying the desired criterion (such as IF and WHEN statements). Some reports, by design, cannot be modified to address auditing requirements while others are completely customizable. Sort and page break logic capability allows greater flexibility when designing custom reports. Some fields may be formatted in alternate formats. For example the date may be formatted in either USA (mm/dd/yy) or International (dd/mm/yy) formats, with the century in the classic two-character or the full four-character format.
- ◆ **Report Data Download** - A download facility is also provided that will construct a “Comma Separated Values” (CSV) file which may be used for processing by other systems, both on the mainframe and by virtually all PC applications capable of processing CSV files.

Environment

- ◆ Resident Security System (RSS): CA-ACF2* 6.3 and above *and/or* IBM-RACF* 2.2 and above
- ◆ IBM z/OS, OS/390*

Pricing

E-SRF pricing is based on the number of users on a site license basis. Perpetual Software, as well as Domestic and Global Enterprise License options, are available.

Software Maintenance

First year of maintenance included in site license fee. Second year and beyond annual maintenance is 20% of the then current Software License fee. Extended maintenance term option also available.

Education

Training is available for all EKC products. On-site classes and hands-on training may be scheduled.

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