



# RACF AUDITING & REPORTING

Built for Security Risk Assessment / Auditing



# BUILT FOR RACF SECURITY RISK ASSESSMENT AND AUDITING

ERA [Easy RACF Audit] uses SMF records to analyze changes to the RACF database and user/program actions that have security implications. Easily find out who changed what and when, detect unauthorized attempts to access system resources, and quantify access violations and login attempts. ERA uses simple ISPF panels to browse/select SMF dump files for RACF event extraction and export. Extract/export jobs are generated by ERA and can be automated. ERA contains a full suite of PC applications to manage ERA data and analyze the historical database of RACF security events.

Detailed event data is always critical to the Security Administrator/Auditor in discovering successful and unsuccessful security events that are important to identifying, rectifying, and eliminating security risks and violations.

ERA's seamless integration, intuitive design, and in-depth analysis makes it the tool of choice for RACF security auditing and assessment.

#### **EVENT REPORTING**

ERA provides customizable reporting to meet the needs of your organization. Custom reports can easily be created with no programming experience. ERA's online reporting allows for extensive sorting and masking criteria specification for more standard, special or customized reports. Immediately identify suspicious activity, like unauthorized or frequent access, using ERA's comprehensive reporting abilities. Additionally, ERA provides a library of sample reports to get you started.





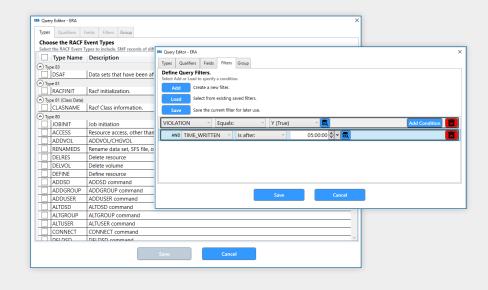
DYNAMIC GRAPHICS
FOR TREND
IDENTIFICATION



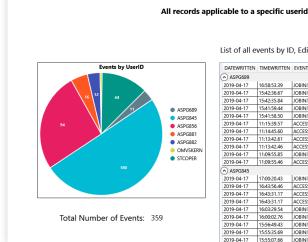
SAMPLE REPORTS
INCLUDED

#### INTUITIVE INTERFACE

- Drop an item on the report and select EDIT.
- Easy query definition by Point-and-click
- Simple, graphic definition of complex query filters



# FREE 30 DAY TRIAL: WWW.ASPG.COM



#### 1:53:41 PM

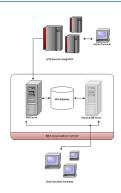
List of all events by ID, Edit filter to specify specific UserID to view.

DATEWRITTEN	TIMEWRITTEN	EVENTTYPE	EVENTQUAL	EVTUSER_ID	JOBNAME	VIOLATION
ASPG689						
2019-04-17	16:58:53.39	JOBINIT	TERM	ASPG689	ASPG689	N
2019-04-17	15:42:36.67	JOBINIT	TERM	ASPG689	PAULKEY	N
2019-04-17	15:42:35.84	JOBINIT	SUCCESS	ASPG689	PAULKEY	N
2019-04-17	15:41:59.44	JOBINIT	TERM	ASPG689	PAULKEY	N
2019-04-17	15:41:58.50	JOBINIT	SUCCESS	ASPG689	PAULKEY	N
2019-04-17	11:15:39.57	ACCESS	SUCCESS	ASPG689	ASPG689	N
2019-04-17	11:14:45.60	ACCESS	SUCCESS	ASPG689	ASPG689	N
2019-04-17	11:13:42.61	ACCESS	SUCCESS	ASPG689	ASPG689	N
2019-04-17	11:13:42.46	ACCESS	SUCCESS	ASPG689	ASPG689	N
2019-04-17	11:09:55.85	JOBINIT	SUCCESS	ASPG689	ASPG689	N
2019-04-17	11:09:55.46	ACCESS	SUCCESS	ASPG689	NULL	N
ASPG845						
2019-04-17	17:00:20.43	JOBINIT	TERM	ASPG845	ASPG845	N
2019-04-17	16:43:56.46	ACCESS	SUCCESS	ASPG845	ASPG845	N
2019-04-17	16:43:31.17	ACCESS	SUCCESS	ASPG845	ASPG845	N
2019-04-17	16:43:31.17	ACCESS	SUCCESS	ASPG845	ASPG845	N
2019-04-17	16:03:29.54	JOBINIT	TERM	ASPG845	QAPGPTG3	N
2019-04-17	16:00:02.76	JOBINIT	TERM	ASPG845	QAPGPTG1	N
2019-04-17	15:56:49.43	JOBINIT	TERM	ASPG845	QAPGPTG2	N
2019-04-17	15:55:35.69	JOBINIT	SUCCESS	ASPG845	QAPGPTG3	N
2019-04-17	15:55:07.66	JOBINIT	SUCCESS	ASPG845	QAPGPTG2	N

-Example of a report using descriptive text labels, graphic display and a data grid showing tabular information from the repository

#### **ARCHITECTURE**

- z/OS V2.1 RACF and beyond
- N-Tier Client-Server Application Model
- Repository of RACF Security Events
- ISPF Application for z/OS
- WYSIWYG Analysis Tools for PC
- Quick-start with Sample Reports





### LOOKING TO FURTHER SIMPLIFY YOUR RACF ADMINISTRATION?

ERA pairs perfectly with ERQ [Easy RACF Query]. ERQ provides comprehensive, yet simple, online RACF administration and reporting at an affordable price. Easily CLONE, DELETE, LIST and/or REPLICATE profiles with a single key stroke. ERQ offers a fully customizable ISPF interface for flexible and efficient RACF administration, as well as easy-to-use programming services for writing custom RACF applications/procedures using a straightforward API interface. Users can easily issue commands or generate reports with little or no training. Includes a Health Checker report interface.

#### **FAST FACTS:**

Extensive RACF event reporting and data mining abilities

Review all RACF commands that have been issued

Find out who changed what and when

Detect unauthorized attempts to access system resources

Qualify access violations and login attempts

Handles multiple LPARS/Systems

Automated event extract/export

Intuitive GUI and ISPF interface

Powerful tools for data analysis

Dynamic graphics for trend identification

Drag-and-Drop report building

Filter, view, print or export reports

Sample reports provided

Customized reporting with no programming skills needed

In-depth reporting to rapidly identify suspicious activity

Online reporting allows extensive sorting and masking criteria

Open architecture solution

Easy to use - no learning curve





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