

# VANGUARD CleanUp™

**VANGUARD**  
INTEGRITY PROFESSIONALS  
CYBERSECURITY EXPERTS



## Monitor

Automatically monitor z/OS Security Server access to identify unreferenced security rules



## Analyze

Identify and report on all unreferenced or unused RACF entries



## Clean

Delete and restore unused and unwanted profiles



## Report

Produces a wide-range of usage reports for auditors and security administrators

## Identify Unreferenced RACF Profiles

Once Vanguard CleanUp has identified unused security rules, the software can generate commands to delete unwanted profiles to include users, groups, connects, permits, datasets, and general resource and provide for restoration of those deleted profiles as needed.

## Key Features

- Collects and aggregates all security decisions into a database
- Analyzes data to identify and report on all unused RACF entities
- Generate commands to delete (and restore if necessary) unused and unwanted profiles
- Produces a wide-range of usage reports for auditors and security administrators

## How Does CleanUp Work?

**Vanguard CleanUp includes three processes** – capture, offload and cleanup. During the capture process, Vanguard CleanUp runs in the background, continuously gathering RACF data in real-time, buffering it in a common data space and de-duplicating the access records.

To avoid unnecessary I/O overhead, data already contained in the History Master File is automatically updated with the latest time stamp, records are automatically aged and those records beyond a user-defined purge date (usually at least 400 days) are removed.

## The Infosec Industry's Leading Solution for RACF Housekeeping

Vanguard Offline is a highly effective forensic and analytical tool that allows users to utilize its History Master File to easily look back at who accessed or attempted to access which resources on System Z over long periods of time.

With Vanguard CleanUp, security administrators can easily and automatically monitor IBM RACF databases to identify and report on unreferenced, unused RACF entities.

Once Vanguard CleanUp has identified entities, the software can generate commands to delete unwanted user, group, connect, permit, dataset, and general resource profiles, and provide for restoration of those deleted profiles as needed. Vanguard CleanUp runs in the background and identifies RACF profiles that have not been accessed, generates the commands needed to delete unwanted profiles, and produces a wide range of usage reports. The Vanguard CleanUp software can be installed and deployed in less than a day. Users can employ a staggered cleanup approach that only reports and removes profiles in specific classes or by specific profiles.

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## The CleanUp Process

The cleanup process analyzes data from the History Master File and an extract file of the RACF database to identify and report on all unreferenced or unused RACF entities. The software can then generate commands to delete (and restore if necessary) unused and unwanted profiles.

Vanguard CleanUp also produces a wide-range of usage reports, including history collection detail, days unreferenced dataset or resource profiles, and unreferenced groups, group access permissions, user IDs, and connects.

## Integrate CleanUp with Offline for Best All Around Solution

VANGUARD CLEANUP users can also deploy Vanguard Offline to validate the impact on the system of deleting identified profiles before these profiles are removed from the production RACF database. Vanguard Offline is a simulation-testing application that reduces z/OS Security Server (RACF) errors and problems with System z production environments by testing the impact of modifications to the RACF database on an 'offline copy' before changes are implemented on the production system. In addition.

## Key Differentiators

- Allows for selective cleanup of the z/OS Security Server database.
- Provides the commands for the user to delete and recover profiles as required.
- Includes comprehensive reporting functionality.
- Delivers automatic purge of data that is older than a user specified number of days.
- Uses an extract copy of the RACF database to minimize the impact on the RACF database when

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## Why Vanguard?

Vanguard offers the most advanced and integrated portfolio of enterprise security products and services in the world. The portfolio was the first to offer fully automated baseline configuration scanner for Mainframe DISA STIGs— the Gold Standard for Security.

## For More Information

To learn more about Vanguard Security Solutions, please contact:

**Vanguard Integrity Professionals at  
(702) 794. 0014 or visit [www.go2vanguard.com](http://www.go2vanguard.com)**