

FINANCIAL (ADMINISTRATOR)

Vanguard Administrator is security software specifically for identity and entitlements administration with intelligence tools for auditing, monitoring and reporting.

Vanguard is the industry leader in large enterprise administration software to help financial services companies simplify and enhance access management functions on their data systems.

FINANCIAL INSTITUTIONS

With their speed, capacity, intelligence, and security capabilities, mainframes remain a central component of banking data practices.

In fact, the ability of mainframes to perform data-processing tasks far outpaces the common examples that capture the general public's attention. Google searches occur at a rate of 60,000 per second. Mainframes, in contrast, handle more than 1 million customer transactions per second. That's one reason mainframes remain a core component of banking data workloads.

Additionally, ATM operations, credit card processing, and the management of investment capital, all require instant response. The IBM z12 mainframe processors are running at 5.5 GHz -- the fastest CPUs ever in a commercial product.

Furthermore, speed is essential for financial data delivery, but the ability to handle volume is equally crucial. Financial transactions create huge, persistent demands on data infrastructure, and the scale of traffic varies depending on predictable and unpredictable factors. Mainframes offer a perfect resource for this contemporary challenge -- a dedicated amount of processing power that can handle dynamic scenarios in a reliable manner.



THE FINANCIAL INDUSTRY'S MAINFRAMES ARE A HUGE TARGET FOR CYBERCRIMINALS AND CYBER CRIME IS GETTING MORE SOPHISTICATED

Given 92 of the largest 100 banks in the world rely on IBM System z mainframes for the reasons explicitly detailed above, this makes them a very attractive target for cybercriminals. 2015 saw the biggest ever cyber breach in the financial industry with the customer data of over 100 million people with bank accounts compromised.

While the hackers of yesterday largely infiltrated systems for notoriety, today we have advanced persistent threat (APT) actors. APT actors use sophisticated tools and tactics to gain access to and steal digital information they can use or sell at a later date. With economic and political motivations, these groups are characterized by their ability to patiently infiltrate computer networks and remain undetected for up to two years on average before being caught or revealing themselves — by then, the data breach has already happened.

These APT actors have become highly coordinated, and their organizations are well-funded and run like large companies with business plans, many employees and headquarters. If they want your data, they will come for it.

So, what should financial firms do to protect their mainframe z/OS systems and the sensitive data resident upon them? A solid first step is to invest in mainframe specific software for identity & entitlements administration with intelligence tools for auditing, monitoring and reporting. Over half of the Fortune 1,000 companies in the world trust Vanguard with their z/OS system security.

VANGUARD ADMINISTRATOR SOFTWARE

Higher levels of administration than Native RACF & Automation of time consuming tasks

As Vanguard's flagship product, Administrator is the software pioneer in offering significantly higher levels of security administration over the native capabilities of the IBM Security Server (RACF) without your staff having to know proprietary RACF command syntax. Vanguard knows that to minimize risk, security professionals should continuously monitor and administer security servers. Vanguard Administrator makes it easier than before by automating recurring, time consuming administrative tasks when it comes to managing your User, Group, Data Set and General Resource Profiles as well as your SETROPTS options.

Minimize Risks

Additionally, Vanguard Administrator improves the quality and effectiveness of your security environment by performing security risk assessments in the background while you are doing regular administrative tasks. For example, if you request an Online Access Analysis for a group and a data set, Administrator goes further and does a complete security assessment on the access lists for the data set profiles analyzed and tells you in the Access Analysis Report if it found a potential problem.

The Ultimate Security Safety Net

Furthermore, if the security administrator or manager accidentally deletes authorities or security rules that are not otherwise documented, it becomes impossible to rebuild those rules. In

some extreme cases, such accidents have shut down entire systems causing significant inconvenience and financial loss to the company. With Vanguard Administrator in place, such a scenario would never happen.

Administrator's powerful REBUILD command maintains a continuous Security Server (RACF) command log and can automatically recreate the complete command sequence used to define your security environment. REBUILD may be executed in a live security environment or in an archived back-up environment. Just this single function can justify your investment in Vanguard Administrator.

The ability to decentralize security administration Sophisticated Reporting

Vanguard Administrator utilizes Vanguard patented technology, allowing you to decentralize portions of your security administration and reporting workload. This sophisticated and patented technology limits user control and data displays to the end user to whom you have decentralized administration related duties.

Administrator can also produce both Batch and Online Reports - on users, groups, data sets and general resources.

Administrator lets you assign password administration to outside departments (such as an IT Help Desk) that would not otherwise have Security Server authority. This allows part of the routine maintenance to be passed on to others, freeing IT security personnel to focus on other more critical tasks. Administrator permits Help Desk personnel to change passwords, revoke a user ID, and resume a user ID. Such capabilities would only apply to users or groups for whom the Help Desk administrator has direct responsibility or authority - all controlled by Administrator.

Manage Digital Certificate Information

The digital information controlled by the Security Server (RACF) can also be fully managed using Administrator. These capabilities, introduced in Vanguard's latest software release version 2.2, enable users to create new digital certificates, delete them, prepare requests for certificates to be signed by certificate authorities, import new signed certificates, renew existing certificates and can also add and delete certificates from digital certificate rings. These management functions can be used along with Administrator's selective digital certificate reporting capabilities for maximized efficiency and ease-of-use.

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 a 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

The World's largest Financial, Insurance, Government Agencies and Retailers entrust their Security to Vanguard Integrity Professionals.

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