

COMPLIANCE

Basel III Compliance with Rocket® OpenTech

Basel III is a set of international standards focused on the financial strength and stability of financial institutions. In addition to financial risks, Basel III also establishes several principles for internal controls intended to reduce the likelihood of fraud, misappropriation, errors, or misstatements that may involve technology systems. No specific prescriptive control requirements are given, so institutions must determine the exact structure of their controls designed to satisfy the Basel III principles. From a technology perspective, Basel III is most concerned with the availability and integrity of financial data.

Rocket® OpenTech products provide you with all the tools you need to implement a strong backup management program and availability controls for your entire IBM® z/OS® environment, to ensure the integrity and availability of key financial data. The OpenTech portfolio includes Rocket DR/Xpert, Rocket DASD Backup Supervisor, Rocket Tape/Copy, Rocket Virtual Data Recovery, and Rocket CopyExport Manager.

Relevant Basel III internal controls principles, and the capabilities OpenTech products offer to address them, are listed below.



BASEL III PRINCIPLES

Principle 6:

An effective internal control system requires that there is appropriate segregation of duties and that personnel are not assigned conflicting responsibilities. Areas of potential conflicts of interest should be identified, minimized, and subject to careful, independent monitoring.

Principle 7:

An effective internal control system requires that there are adequate and comprehensive internal financial, operational and compliance data, as well as external market information about events and conditions that are relevant to decision making. Information should be reliable, timely, accessible, and provided in a consistent format.

OPENTECH CAPABILITIES

OpenTech products leverage your TSO credentials and all associated authentication mechanisms. There is no need to maintain a separate user account list in OpenTech products.

IBM Security Authorization Facility (SAF) provides standard access controls over data based on the TSO login. OpenTech functions validate that the user has SAF rights and cannot bypass mainframe access restrictions.

All relevant changes to user accounts, roles, and assigned permissions through the SAF are fully logged through the IBM System Management Facility (SMF). Reporting and alerting on such actions can be configured through the mainframe functions.

All actions performed through OpenTech products against backup jobs and datasets are traceable to individual users executing the function. Detailed logging is available through the IBM Resource Access Control Facility (RACF).

DR/Xpert functions as a centralized point for analyzing the scope of your backed-up data and ensuring its availability, integrity, and timeliness.

Tape/Copy integrates data validation controls to detect any errors in the conversion process, preventing any data integrity issues from being transferred to the new media.

CopyExport Manager enhances the capabilities of the native copy export process by adding automatic error detection and reporting for archival of your critical data sets from virtual tape libraries to physical tapes.



BASEL III PRINCIPLES

Principle 8:

An effective internal control system requires that there are reliable information systems in place that cover all significant activities of the bank. These systems, including those that hold and use data in an electronic form, must be secure, monitored independently and supported by adequate contingency arrangements.

OPENTECH CAPABILITIES

DR/Xpert helps analyze all your backup jobs and datasets to automatically identify those that are critical, especially those that are key to your financial reporting. This reduces the risk that you could unknowingly omit critical data from your backup program. The system also continuously monitors for changes to these critical data files.

DR/Xpert provides monitoring and reporting to ensure that all critical datasets have backed-up or mirrored datasets available, and that the backup data is current. It also provides configurable facilities in the event of a disaster recovery incident, for managing restoration tasks, and allows prioritization for financial systems and data recovery.

DR/Xpert centrally manages your backup utilities (such as Tape/Copy) to automatically generate backup jobs—as well as restoration jobs when they're needed—and integrates them with your job scheduling.

DASD Backup Supervisor continuously monitors for new or modified files and maintains backup jobs to ensure that they are reliably backed up. It also generates automated recovery jobs associated with its backup tapes to be stored alongside the data for quick, simple, and efficient restoration.

Tape/Copy executes the backup process from tapes to other media, and builds in error reporting and recovery features to ensure all your data volumes remain intact.

CopyExport Manager enhances the capabilities of the native copy export process by adding automatic error detection and reporting for archival of your critical data sets from virtual tape libraries to physical tapes.



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