COMPLIANCE

Basel III Compliance with Rocket® Mainstar® Backup and Recovery Manager Suite

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® Mainstar® Backup and Recovery Manager Suite (BRMS) provides powerful, centralized backup management capabilities to ensure the availability of key financial data. Relevant Basel III internal controls principles and the capabilities BRMS offers to address them are listed below.

BASEL III PRINCIPLES	BRMS CAPABILITIES
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.	BRMS leverages your TSO credentials and all associated authentication mechanisms within IBM® z/OS® environments. There is no need to maintain a separate user account list in BRMS. IBM Security Authorization Facility (SAF) provides standard access controls for data based on the TSO login. BRMS 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 BRMS 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).
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.	BRMS performs analysis to identify all critical datasets and determine whether they're included in your backup processes, or whether they're omitted or outdated. BRMS monitoring of backup job status enables you to identify errors that could result in compromised data integrity of your backup files.

BASEL III PRINCIPLES	BRMS CAPABILITIES
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.	BRMS provides a centralized management interface to configure, monitor, and report on the pre-defined backup jobs executed by all your backup software for the entire IBM z/OS environment. Interfaces with your backup software allow BRMS to generate backup jobs to cover any missing datasets. Reporting functionality shows the status of each dataset and each backup or restoration task, to ensure successful completion. Backup collection logs and reports are retained with BRMS to maintain historical evidence for auditors and examiners. BRMS enhances the capabilities of native ABARS facilities to ensure that restored files cannot have modified security permissions, protecting the confidentiality of data within the restored files.

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