PKWARE®

DATASHEET: SECUREZIP FOR LINUX® ON SYSTEM z®

Protect data exchange and archiving processes

Files that contain sensitive data, whether stored or being transmitted, need to be protected. SecureZIP® for Linux® on System z® makes securing these files an effortless task. SecureZIP for Linux on System z extends PKWARE's industry-leading security and compression product family to this increasingly important platform. The solution greatly reduces transmission times and required storage space while securely protecting data, in transit and at rest. The additional benefit of cross-platform compatibility makes it the ideal solution for exchanging data across the enterprise.

## ACCESS ENCRYPTED FILES FOR AUDIT AND RECOVERY PURPOSES WITH CONTINGENCY PROCESSING*

Files that have been encrypted must remain accessible to the organization. When files have been encrypted with either digital certificates or passphrases, SecureZIP's contingency processing capabilities ensure that encrypted data is accessible to authorized security professionals for audit or data recovery purposes.

EXCHANGE DATA SECURELY ACROSS DESKTOP, SERVER, MIDRANGE, AND MAINFRAME SYSTEMS

Linux on System z is just one of the many platforms critical to your organization and your business partners. And, since exchanging sensitive data across multiple computing platforms is a necessity, you need a single consistent solution to send secure data while meeting Service Level Agreements (SLAs), reducing complexity, alleviating risk, and reducing overall costs. SecureZIP for Linux on System z, just like SecureZIP on all other supported operating systems, creates ZIP archives that are interoperable across all major enterprise computing platforms to ensure secure data exchange between Windows® desktops, UNIX®/Linux® and Windows servers, i5/OS midrange, Linux on System z and z/OS mainframe operating systems.

PROCESS ENCRYPTED DATA WITHOUT STAGING DECRYPTED DATA TO DISK

SecureZIP for Linux on System z includes application integration for decrypting data and streaming it directly into applications without staging it to disk. This feature eliminates steps otherwise required, and it improves data protection by ensuring data is never staged to disk unprotected, in the clear. Equally, applications can stream data directly into SecureZIP for seamless, end-to-end data protection, without staging it to disk in the clear. Overall, application integration helps your organization satisfy auditors with a solution that reduces the potential of exposure to internal security risks.
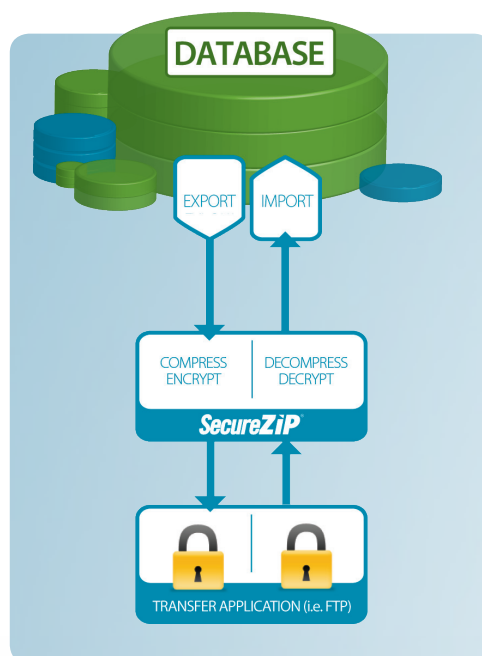
FEATURES AND BENEFITS

- Control storage costs by reducing the size of files maintained on DASD and through the use of fewer tapes

- Eliminate security exposures by processing encrypted data without staging decrypted data to disk

- Access encrypted files for audit and recovery purposes with contingency processing*

- Encrypt data using passphrases, X.509 digital certificates, or both

- Ensure validity of secured files by authenticating digital signatures to verify documents have not been altered

- Seamlessly transfer data between operating systems, including z/OS®, Linux on System z, i5/OS®, UNIX®/Linux® server, and Windows® server and desktop (part of the SecureZIP product family)

- Improve productivity by using one solution for compression and encryption Improve your ability to meet SLAs by reducing the size of files used in applications and those transmitted across your networks and data transfer solutions

*Feature included with SecureZIP on Linux for System Z Enterprise Edition

❝ ...SecureZIP was far and away the product that fit their need. It was going to deliver the security they needed, true enough, but as a solution, its advantages extended beyond security. SecureZIP's other features would vastly improve the client's processing efficiency at a lower cost.

Supply Chain Consultant

Leading National Retailer

PKWARE™

IMPROVING NETWORK AND APPLICATION EFFICIENCY

SecureZIP for Linux on System z compresses file size to improve application efficiency and reduce data transmission times. Moreover, it encrypts files to ensure data privacy. These tasks can be performed automatically, resulting in accelerated productivity by eliminating previously required manual steps. In addition, SecureZIP for Linux on System z offers a unique businesses benefit by enabling your staff to align IT and business requirements rather than working with multiple products to perform similar functions.

ENCRYPT DATA USING PASSPHRASES, X.509 DIGITAL CERTIFICATES, OR BOTH

SecureZIP for Linux on System z supports both passphrase- and digital certificate-based methods of encryption, offering flexible security that meets varying requirements within business environments. In comparison to passphrases, digital certificates offer higher levels of security, are easier to use, and allow secure communication with larger numbers of recipients. Passphrases provide an alternative when the intended recipient does not have a digital certificate.

VERIFY DOCUMENTS HAVE NOT BEEN ALTERED BY USING DIGITAL SIGNATURES

SecureZIP for Linux on System z enables users to sign files with their unique digital certificates. Recipients of signed files can validate the signature to ensure the sender is who they claim to be and verify that the document has not been altered or tampered with since signing. In addition, digital signatures offer non-repudiation – tracking the signature to the creator of the file.

About PKWARE, Inc.

The PKWARE Solution is the only complete system for reducing, moving, storing and securing data across the extended enterprise, both internally and externally, from mainframes to servers to desktops and into the cloud. Used by more than 30,000 corporate entities and over 200 government agencies, PKWARE is the industry standard for portability, ensuring data security and cross-platform computing. PKWARE, a privately held company, is based in Milwaukee, WI with additional offices in New York and the United Kingdom.

For additional information and resources, please visit our website:
www.pkware.com

To speak with a PKWARE Specialist in the U.S., call toll free: 1.866.583.1795

To speak with a PKWARE Specialist outside the U.S., visit www.pkware.com/contact for specific country offices and contact information

SYSTEM REQUIREMENTS

■ SECUREZIP FOR LINUX ON SYSTEM Z

- RedHat Enterprise Linux 4*, 5
- SUSE Linux Enterprise Server 10,11
- 25M disk space * RedHat Enterprise Linux also supports 4 "31"/32-bit OS installs

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