PKWARE®

PKZIP for IBM i

HIGH-PERFORMANCE DATA COMPRESSION

The industry's most advanced compression solution, PKZIP for IBM i delivers unmatched data compression, together with enhanced file handling and system integrations that accelerate business processes in the datacenter and beyond.

PKZIP reduces file sizes by as much as 95 percent, decreasing DASD costs, conserving transmission bandwidth, and minimizing processing time.

With more than 30 years in large-format data compression, PKWARE is the industry leader in technological innovation and customer service. No other solution can match PKZIP's capabilities, reliability, and versatility.

REALIZE THE FULL POTENTIAL OF YOUR SYSTEM

Developed specifically for IBM Power Systems and the IBM i operating system, PKZIP includes a variety of options for exploiting native capabilities to maximize compression performance and optimize the use of resources.

- PKZIP's **1Step2Tape** feature allows information to be moved directly to tape in one step. With 1Step2Tape, organizations can achieve significant time and resource savings when transferring information, as SAVF and ZIP functionality are combined into a single step. 1Step2Tape eliminates the extra I/O required to move data between job steps, and makes it easier to ensure customers and their partners receive their data when they need it.

- The **IBM i PKWARE Save/Restore Application** (iPSRA) feature enables PKZIP to compress/encrypt IBM i save files directly to a file in an archive. The process produces a result similar to creating a save file first and then compressing it into an archive, but economizes on time and disk space by skipping the intermediate step. The iPSRA process can be integrated with your existing backup/recovery procedures and systems on the IBM i.

  iPSRA assists not only with compressing save data, but also with encrypting data for offsite storage. The iPSRA process can execute multiple save operations with one compression run, making it unnecessary to run repeated individual save commands.

SOLUTION HIGHLIGHTS

Industry-best compression technology reduces file size by up to 95%, reducing demands on CPU, transmission, and storage resources.

Reduces the time and number of steps required to create and extract data archives.

Enables organizations to defer or avoid expensive hardware upgrades.

Supports multi-terabyte archive files.

File transfers via FTP and FTPS can be integrated directly into data compression processes.

Facilitates data exchange between z/OS, Linux on System z, IBM i, UNIX/Linux server, and Windows server and desktop.

Archive files can be created and read directly to and from tape, without the need for temporary files,

Automatically translates data files from EBCDIC to ASCII and from ASCII to EBCDIC.

User-friendly design provides multiple interfaces and options for invoking PKZIP commands.

Centralized administration console simplifies policy and license management.

AUTOMATICALLY TRANSLATE FROM EBCDIC TO ASCII

With PKZIP, data files intended for other operating systems can be automatically translated from EBCDIC to ASCII language sets, making data transfer much faster and simpler. ZIP files created on ASCII platforms can also be read on IBM i.

EBCDIC/ASCII code pages include support for the Euro, and a code page conversion utility is provided to meet unique language and interchange requirements.

STREAMLINE AND AUTOMATE DATA EXCHANGE

Moving data between disparate computing systems often requires multiple steps and multiple translation products and converters. PKZIP for IBM i eliminates these requirements, enabling users to write directly to, and read directly from, UNIX, Linux, and Windows file systems.

PKZIP's integrations facilitate the exchange of data between different types of systems and automatically convert data to the appropriate format for each system.

PKWARE is the only vendor to provide seamless data exchange across z/OS for the mainframe, IBM i for the IBM Power midrange systems, UNIX/Linux/Windows servers, and Windows desktops.

TEST SCENARIOS & CHECK ACCURACY

Using PKZIP's simulate mode, administrators can test scenarios and check accuracy to predict compression outcomes without consuming all the CPU cycles necessary to run a job, enabling them to make informed decisions on processes before committing resources to the operation.

SYSTEM REQUIREMENTS

PKZIP for IBM i runs on all IBM-supported levels of the IBM i operating system and Power Systems hardware.