

Compressing SMF data - Part 2

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1. Introduction

For many years EPV customers have been able to compress SMF data, before sending them to EPV zParser running on a non-z/OS systems, by using the EPVzip tool.

EPVzip is a Java tool exploiting the zip compression library and designed to compress SMF and other data by using zIIP engines, as much as possible, to avoid increasing the software costs of z/OS MLC products.

EPV has now made available EPVlzf: a new tool that inherited the EPVzip operational characteristics (JCL, password and parameters) but, exploiting the lzf compression library, it provides different and interesting performance from the point of view of speed, compression ratio, CPU and zIIP consumptions.

We also introduced the possibility, both for EPVzip and EPVlzf, to directly send compressed data by using sftp and SSH keys.

In the first part of this paper, after a brief introduction to EPVzip and EPVlzf, we will show the results of a series of comparison tests performed internally and by two of our most important customers.

In the second part, we will explain what you have to do to directly transfer data, as soon as they are compressed, to the server you use to collect and process them.