

Running EPV on zCX

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1 Introduction

Probably the most exciting new functionality introduced with z/OS 2.4 is z/OS Container Extensions (zCX). Thanks to zCX, most applications that are currently only available to run on Linux, will be able to run on z/OS as Docker containers.

Since the beginning, the EPV products main policy has been to provide all the needed information for z/OS performance analysis and capacity planning by running outside of z/OS. You can run EPV products on Windows, Linux, Linux on Z and Unix but not on z/OS.

The major reason of this choice is our continuous effort to reduce customers z/OS hardware and software costs.

Nevertheless, some customers still prefer to keep their SMF and other z/OS data processing on z/OS, because of this platform's unmatched characteristics of security, availability, manageability and performance.

With zCX, it is now possible to run the EPV products code on z/OS, with no changes. The impact on hardware and software costs will be greatly reduced thanks to the exploitation of zIIPs allowed by this technology.

In this paper after a short introduction to Docker and zCX, we will discuss what you should do to install and run EPV in this new environment.