Measuring zCX applications

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1. Introduction

With z/OS 2.4, IBM introduced z/OS Container Extensions (zCX): a new z/OS 2.4 feature that enables customers to deploy Linux applications, packaged into Docker containers, which can run on z/OS with no change to the application code.

zCX instances are provisioned and managed through the z/OS Management Facility (z/OSMF).

Once provisioned, Docker users and application developers can operate within a zCX instance as they would in any other Linux-based, Docker environment.

In this paper, after a brief overview of zCX, we will describe the architecture of the EPV products when running on zCX.

The EPV "application" will then be used as an example in the next chapters to discuss:

- what are the useful z/OS commands you can use to control zCX instances;

- what you can do to measure zCX applications from "outside" (in z/OS) and from "inside" (in Docker/Linux).