

# IBM z/OS Container Extensions



## Overview

IBM Systems Lab provides installation of Docker containers for z/OS® using z/OS Container Extensions (zCX).

## Target Audience

IBM Z® clients who want to run containerized Linux applications on IBM z/OS. This is now possible by using the z/OS Container Extensions.

## Benefits

- Developers and SysAdmins can collaborate to develop, test, deploy and operate.
- Ability to run almost any Docker container that can run on Linux® on IBM Z in a z/OS environment alongside existing z/OS applications and data without a separate provisioned Linux server.
- z/OS as developers can build new, containerized applications, by using Docker and Linux skills and patterns, and deploy them on z/OS, without requiring any z/OS skills
- Reuse the existent z/OS environment

## Qualifying Questions

- Does your client use z/OS and Linux as their operating systems?
- Does your client have z/OS and Linux running on separate environments where they may access same data?
- Is the client looking for assistance with setting up z/CX?
- Is the client on IBM z15™ and z/OS 2.4?

## Key Features

- Deploy Linux on Z applications as Docker containers in a z/OS system to directly support workloads that have an affinity to z/OS.
- This is done without the need to provision a separate Linux server. At the same time, operational control is maintained within z/OS and benefits of z/OS Qualities of Service (QoS) are retained.
- zCX expands and modernizes the software ecosystem for z/OS by including Linux on Z applications, many of which were previously available only on a separately provisioned Linux.

## Duration

4-16 hours. Maximum duration depends on customer need. Target is one zCX Container Instance/Appliance.

## Team Contacts

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