

zCX Planning and Deployment Services

Overview

IBM z/OS® Container Extensions (IBM zCX) is a new feature z/OS Operating System (z/OS V2.4) that makes it possible to run Linux® on IBM Z® applications that are packaged as Docker container images on z/OS. Application developers can develop, and data centers can operate, popular open source packages, Linux applications, IBM software, and third-party software together with z/OS applications and data. This service helps clients accelerate their use of zCX.

IBM Systems
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Target Audience

- IBM Z developers who want to run containerized Linux applications within the IBM z/OS environment

Why Use This Service?

- Do you run popular open source or Linux applications that interact with z/OS applications?
- Is managing multiple platform types for these applications difficult, or would you like to simplify this environment?

Benefits

- Build containerized applications using Docker and Linux skills without detailed z/OS knowledge
- Integrate zCX workloads with existing z/OS workload management, infrastructure, and operations strategy leveraging z/OS strengths such as security, networking, high availability, and disaster recovery.
- Increase access to data analytics on z/OS by providing developers with standard OpenAPI-compliant RESTful services.

Service Provided

- Advise on zCX conceptual basics and common uses
- Assist with planning for zCX implementation including considerations related to software compatibility, memory usage, storage requirements, networking connectivity, security and backup/recovery
- Advise and assist with provisioning of first zCX container
- Advise on zCX operational best practices and share zCX skills and knowledge throughout engagement

Deliverables

- Implementation of an initial test zCX Container Extension instance
- Skills enablement for zCX
- Summary report on engagement activities and recommendations
- Guidance on best practices for zCX use

Contacts

- Contact us at ibmsls@us.ibm.com or your local Lab Services team
- Lab Services Principle Consultant

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