
IBM Z
Introduction
September 2021

IBM Container Hosting Foundation for z/OS (CHF)

Frequently Asked Questions

Worldwide



Table of Contents

General Questions 3

IBM Z hardware and z/OS..... 4

Applications and Docker 5

Service and Licensing 6

Getting Started 7

General Questions

IBM Container Hosting Foundation for z/OS® (CHF) is a software solution to the licensing requirements of z/OS Container Extensions (zCX).

This document provides answers to the most commonly asked questions about IBM Container Hosting Foundations for z/OS (CHF).

Question:

What are the benefits of IBM Container Hosting Foundation for z/OS (CHF)?

Answer:

IBM Container Hosting Foundation for z/OS (CHF) provides a monthly license charge software alternative to the IBM Z® hardware feature code (FC 0104) enabling z/OS Container Extensions (zCX) to run on Z hardware.

Question:

Will customers who have the existing hardware feature code be required to purchase CHF?

Answer:

No. IBM Container Hosting Foundation for z/OS (CHF) is a software alternative for enabling zCX execution. Customers who have purchased the existing hardware feature code (FC 0104) will not need to purchase CHF.

Question:

How is IBM Container Hosting Foundation for z/OS (CHF) installed?

Answer:

IBM Container Hosting Foundation for z/OS (CHF) is a stand alone product purchased through ShopZ. There is a program directory available that provides detailed installation instructions.

IBM Z hardware and z/OS

Questions:

On which machine(s) does IBM Container Hosting Foundation for z/OS (CHF) run?

Answer:

IBM Container Hosting Foundation for z/OS (CHF) runs on IBM z14® or higher and requires z/OS V2.4 or newer.

Questions:

How will IBM Container Hosting Foundation for z/OS (CHF) be licensed?

Answer:

CHF is licensed per machine for the entire machine regardless of the number of z/OS LPAR's available.

Questions:

Is IBM Container Hosting Foundation for z/OS (CHF) capacity based?

Answer:

No, there is a single price per machine with respective price points for the T01 or T02 Z models.

Applications and Docker

Question:

Does IBM Container Hosting Foundation for z/OS (CHF) change anything you can currently run in zCX?

Answer:

No, whether customers choose the existing hardware feature code (FC 0104) or IBM Container Hosting Foundation for z/OS (CHF) the experience of running z/OS Container Extensions (zCX) is the same.

Service and Licensing

Question:

How will IBM Container Hosting Foundation for z/OS (CHF) be licensed and priced?

Answer:

There will be a monthly license charge based on the FWLC or TWLC pricing method to use IBM Container Hosting Foundation for z/OS (CHF).

Question:

Do I have to pay for maintenance for IBM Container Hosting Foundation for z/OS (CHF)?

Answer:

Maintenance is entitled for IBM Container Hosting Foundation for z/OS (CHF) at no additional charge.

Question:

Are the IBM Container Hosting Foundation for z/OS (CHF) licenses transferable?

Answer:

IBM Container Hosting Foundation for z/OS (CHF) is licensed to a specific machines serial number like any other MLC product.

Getting Started

Question:

Are there prerequisites for running IBM Container Hosting Foundation for z/OS (CHF)?

Answer:

Yes, a z14 or higher machine and z/OS 2.4 or newer is required to install IBM Container Hosting Foundation for z/OS (CHF).

There are two PTF's recommended to run IBM Container Hosting Foundation for z/OS (CHF)

1. SCRT: PTF for APAR OA60919 (required for proper billing)
2. zCX Virtualization Layer: PTF for APAR OA60823 (z/OS 2.4) or PTF for APAR OA61107 (z/OS 2.5) (required to use the functionality)

Note: IBM Container Hosting Foundation for z/OS (CHF) is itself a non-exclusive prerequisite for z/OS Container Extensions (zCX).

Question:

How do I know if IBM Container Hosting Foundation for z/OS (CHF) is right for me?

Answer:

If you own the prerequisite hardware and z/OS version and do not own the existing hardware feature code (FC 0104), IBM Container Hosting Foundation for z/OS (CHF) gives you a convenient monthly licensing option.

Question:

Can I try z/OS Container Extensions (zCX), to see if it is right for me, without having to purchase IBM Container Hosting Foundation for z/OS (CHF) or HW feature code 0104?

Answer:

Yes, you have the option of trying z/OS Container Extensions for 90 days before purchasing the SW PID or HW feature code. Enablement of the trial uses a z/OS parmlib option. Throughout the trial, you will receive a daily message indicating the time left. The trial will terminate after the 90 days.

Question:

How do I get started with z/OS Container Extensions (zCX)?

Answer:

Find out more about z/OS Container Extensions (zCX) and IBM Container Hosting Foundation for z/OS (CHF) here:

<https://www.ibm.com/support/z-content-solutions/container-extensions/>

Question:

How do I know if IBM Container Hosting Foundation for z/OS (CHF) is enabled on my LPAR?

Answer:

Look in IFAPRDxx for program number 5655-HZ1 or issue console command D PROD, STATE.

To determine if CHF is installed, look for sample part GLZPRDHF in SYS1.SAMPLIB.

<https://www.ibm.com/docs/en/zos/2.3.0?topic=command-displaying-registered-products>

For additionally display com



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