

FUJITSU Enterprise Postgres 12 for Kubernetes



Release Notes

Linux

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Preface

Purpose of this document

This document provides release information for FUJITSU Enterprise Postgres for Kubernetes.

Structure of this document

This document is structured as follows:

[Chapter 1 New Features and Improvements](#)

Explains the new features and improvements in this version.

Abbreviations

The following abbreviations are used in this manual:

Full Name	Abbreviations
FUJITSU Software Enterprise Postgres for Kubernetes	FEP or FUJITSU Enterprise Postgres
FUJITSU Software Enterprise Postgres	
Custom Resource	CR
Universal Base Image	UBI
OpenShift Container Platform	OCP
Mutual TLS	MTLS

Abbreviations of manual titles

The following abbreviations are used in this manual as manual titles:

Full Manual Title	Abbreviations
FUJITSU Software Enterprise Postgres for Kubernetes Release Notes	Release Notes
FUJITSU Software Enterprise Postgres for Kubernetes Overview	Overview
FUJITSU Software Enterprise Postgres for Kubernetes User's Guide	User's Guide
FUJITSU Software Enterprise Postgres for Kubernetes Reference	Reference

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Chapter 1 New Features and Improvements

This chapter explains FUJITSU Enterprise Postgres for Kubernetes new features and improvements added in this version.

Table 1.1 New features and improvements

Version and level	Classification	Feature
Operator image tag:v2.2.11 Container image tag:ubi8-12-2.10	OSS	PostgreSQL Rebase
	Platform enhancement	Patching the Container's Base OS Image
Operator image tag:v2.2.10 Container image tag:ubi8-12-2.9	OSS	Patching the PostgreSQL JDBC Driver
	Platform enhancement	Patching the Container's Base OS Image
Operator image tag:v2.2.9 Container image tag:ubi8-12-2.8	Platform enhancement	Patching the Container's Base OS Image
Operator image tag:v2.2.8 Container image tag:ubi8-12-2.7	Platform enhancement	Patching the Container's Base OS Image
Operator image tag:v2.2.7 Container image tag:ubi8-12-2.6	OSS	PostgreSQL Rebase
	Platform enhancement	Additional OCP Support
Operator image tag:v2.2.6 Container image tag:ubi8-12-2.5	Platform enhancement	Patching the Container's Base OS Image
Operator image tag:v2.2.5 Container image tag:ubi8-12-2.4	OSS	PostgreSQL Rebase
	Platform enhancement	Additional OCP Support
Operator image tag:v2.2.4 Container image tag:ubi8-12-2.3	OSS	PostgreSQL Rebase
Operator image tag:v2.2.3 Container image tag:ubi8-12-2.2	Platform enhancement	Additional OCP Support
Operator image tag:v2.2.0 Container image tag:ubi8-12-2.0	OSS	PostgreSQL Rebase
	Platform enhancement	Additional OCP Support
		Modifying Container's Base OS Image
	Operation	Additional Custom Annotations/Labels
		Additional Installation Support
		Additional Feature of Secure Connection
Additional Storage Support		

1.1 Features Added in v2.2.11

This section explains the improvement in FUJITSU Enterprise Postgres for Kubernetes v2.2.11.

1.1.1 OSS

This section explains the improvement related to OSS:

- PostgreSQL rebase

1.1.1.1 PostgreSQL Rebase

The PostgreSQL version that FUJITSU Enterprise Postgres is based on is 12.12.



See

.....
Refer to "A OSS Supported by FUJITSU Enterprise Postgres for Kubernetes" in the Overview.
.....

1.1.2 Platform Enhancement

This section explains the improvement related to platform enhancement:

- Patching the Container's Base OS image

1.1.2.1 Patching the Container's Base OS Image

Patched the Container's Base OS image.

1.2 Features Added in v2.2.10

This section explains the improvement in FUJITSU Enterprise Postgres for Kubernetes v2.2.10.

1.2.1 OSS

This section explains the improvement related to OSS:

- Patching the PostgreSQL JDBC driver

1.2.1.1 Patching the PostgreSQL JDBC Driver

Patched the PostgreSQL JDBC driver.

1.2.2 Platform Enhancement

This section explains the improvement related to platform enhancement:

- Patching the Container's Base OS image

1.2.2.1 Patching the Container's Base OS Image

Patched the Container's Base OS image.

1.2.3 OSS

This section explains the improvement related to OSS:

- Patching the PostgreSQL JDBC driver

1.2.3.1 Patching the PostgreSQL JDBC Driver

Patched the PostgreSQL JDBC driver.

1.3 Features Added in v2.2.9

This section explains the improvement in FUJITSU Enterprise Postgres for Kubernetes v2.2.9.

1.3.1 Platform Enhancement

This section explains the improvement related to platform enhancement:

- Patching the Container's Base OS image

1.3.1.1 Patching the Container's Base OS Image

Patched the Container's Base OS image.

1.4 Features Added in v2.2.8

This section explains the improvement in FUJITSU Enterprise Postgres for Kubernetes v2.2.8.

1.4.1 Platform Enhancement

This section explains the improvement related to platform enhancement:

- Patching the Container's Base OS image

1.4.1.1 Patching the Container's Base OS Image

Patched the Container's Base OS image.

1.5 Features Added in v2.2.7

This section explains new features and improvements in FUJITSU Enterprise Postgres for Kubernetes v2.2.7.

1.5.1 OSS

This section explains the new feature related to OSS:

- PostgreSQL rebase

1.5.1.1 PostgreSQL Rebase

The PostgreSQL version that FUJITSU Enterprise Postgres is based on is 12.11.



See

.....
Refer to "A OSS Supported by FUJITSU Enterprise Postgres for Kubernetes" in the Overview.
.....

1.5.2 Platform Enhancement

This section explains the new features related to platform enhancement:

- Additional OCP support

1.5.2.1 Additional OCP Support

The following additional OCP is supported:

- OCP 4.10



Refer to "Supported Platform" in the User's Guide for details.

1.6 Features Added in v2.2.6

This section explains the improvement in FUJITSU Enterprise Postgres for Kubernetes v2.2.6.

1.6.1 Platform Enhancement

This section explains the improvement related to platform enhancement:

- Patching the Container's Base OS image

1.6.1.1 Patching the Container's Base OS Image

Patched the Container's Base OS image.

1.7 Features Added in v2.2.5

This section explains new features and improvements in FUJITSU Enterprise Postgres for Kubernetes v2.2.5.

1.7.1 OSS

This section explains the new feature related to OSS:

- PostgreSQL rebase

1.7.1.1 PostgreSQL Rebase

The PostgreSQL version that FUJITSU Enterprise Postgres is based on is 12.10.



Refer to "A OSS Supported by FUJITSU Enterprise Postgres for Kubernetes" in the Overview.

1.7.2 Platform Enhancement

This section explains the new features related to platform enhancement:

- Additional OCP support

1.7.2.1 Additional OCP Support

The following additional OCP is supported:

- OCP 4.9



Refer to "Supported Platform" in the User's Guide for details.

1.8 Features Added in v2.2.4

This section explains new features and improvements in FUJITSU Enterprise Postgres for Kubernetes v2.2.4.

1.8.1 OSS

This section explains the new feature related to OSS:

- PostgreSQL rebase

1.8.1.1 PostgreSQL Rebase

The PostgreSQL version that FUJITSU Enterprise Postgres is based on is 12.9.



See

.....
Refer to "A OSS Supported by FUJITSU Enterprise Postgres for Kubernetes" in the Overview.
.....

1.9 Features Added in v2.2.3

This section explains new features and improvements in FUJITSU Enterprise Postgres for Kubernetes v2.2.3.

1.9.1 Platform Enhancement

This section explains the new features related to platform enhancement:

- Additional OCP support

1.9.1.1 Additional OCP Support

The following additional OCP is supported:

- OCP 4.7
- OCP 4.8



See

.....
Refer to "Supported Platform" in the User's Guide for details.
.....

1.10 Features Added in v2.2.0

This section explains new features and improvements in FUJITSU Enterprise Postgres for Kubernetes v2.2.0.

1.10.1 OSS

This section explains the new feature related to OSS:

- PostgreSQL rebase

1.10.1.1 PostgreSQL Rebase

The PostgreSQL version that FUJITSU Enterprise Postgres is based on is 12.5.



See

Refer to "A OSS Supported by FUJITSU Enterprise Postgres for Kubernetes" in the Overview.

1.10.2 Platform Enhancement

This section explains the new features related to platform enhancement:

- Additional OCP support
- Modifying container's base OS image

1.10.2.1 Additional OCP Support

The following additional OCP is supported:

- OCP 4.6



See

Refer to "Supported Platform" in the User's Guide for details.

1.10.2.2 Modifying Container's Base OS Image

Changed container's base OS image to the following image:

- Red Hat UBI minimal 8



See

Refer to "Components Embedded" in the User's Guide for details.

1.10.3 Operation

This section explains the new feature related to OSS:

- Additional custom annotations/labels
- Additional installation support
- Additional feature of secure connection
- Additional storage support

1.10.3.1 Additional Custom Annotations/Labels

Custom annotations/labels is added to parameter of FEPCluster CR.



See

Refer to "Adding Custom Annotations to FEPCluster Pods using Operator" in the User's Guide.

1.10.3.2 Airgap Installation Support

Additional support for the following installation methods:

- Airgap(offline) installation

1.10.3.3 Additional Feature of Secure Connection

The following additional feature is supported:

- MTLS



.....
Refer to "Configure FEP to Perform MTLS" in the User's Guide for details.
.....

1.10.3.4 Additional Storage Support

The following additional storage is supported:

- IBM spectrum virtualize