

Fujitsu Enterprise Postgres 16 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 Enterprise Postgres for Kubernetes	FEP
Fujitsu 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 Enterprise Postgres for Kubernetes Release Notes	Release Notes
Fujitsu Enterprise Postgres for Kubernetes Overview	Overview
Fujitsu Enterprise Postgres for Kubernetes User's Guide	User's Guide
Fujitsu 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
FEP 16 Operator image tag:v6.2.0	OSS	PostgreSQL Rebase
		OSS Updates Provided
Container image tag:ubi9-16-2.0	Platform enhancement	Additional OCP Support
		Additional Kubernetes Support
	Security	Policy-based Password Operation
FEP 16 Operator image tag:v6.1.0	OSS	PostgreSQL Rebase
		OSS Updates Provided
Container image tag:ubi9-16-1.0	Platform enhancement	Additional OCP Support
		Additional Kubernetes Support
	Security	User Synchronization Using ldap2pg
	Operation	Log Collection Tool
	Performance	Fixed Statistics

1.1 Features Added FEP16 Operator in v6.2.0

This section explains the improvement in Fujitsu Enterprise Postgres for Kubernetes v6.2.0.

1.1.1 OSS

This section explains the new feature related to OSS:

- PostgreSQL Rebase
- OSS Updates Provided

1.1.1.1 PostgreSQL Rebase

The PostgreSQL version that Fujitsu Enterprise Postgres is based on is 16.4.

1.1.1.2 OSS Updates Provided

The OSS provided by Fujitsu Enterprise Postgres and Fujitsu Enterprise Postgres for Kubernetes has been updated.



See

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

1.1.2 Platform Enhancement

This section explains the new feature related to platform enhancement:

- Additional OCP Support
- Additional Kubernetes Support

1.1.2.1 Additional OCP Support

The following additional OCP is supported:

- OCP 4.15



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

1.1.2.2 Additional Kubernetes Support

The following additional Kubernetes is supported:

- Kubernetes 1.28



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

1.1.3 Security

This section explains the new feature related to security:

- Policy-based Password Operation

1.1.3.1 Policy-based Password Operation

You can now monitor the status of policy-based passwords.



.....
Refer to "Policy-based Password Operation" in the User's Guide.
.....

1.2 Features Added FEP16 Operator in v6.1.0

This section explains the improvement in Fujitsu Enterprise Postgres for Kubernetes v6.1.0.

1.2.1 OSS

This section explains the new feature related to OSS:

- PostgreSQL Rebase
- OSS Updates Provided

1.2.1.1 PostgreSQL Rebase

The PostgreSQL version that Fujitsu Enterprise Postgres is based on is 16.2.

1.2.1.2 OSS Updates Provided

The OSS provided by Fujitsu Enterprise Postgres and Fujitsu Enterprise Postgres for Kubernetes has been updated.



See

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

1.2.2 Platform Enhancement

This section explains the new feature related to platform enhancement:

- Additional OCP Support
- Additional Kubernetes Support

1.2.2.1 Additional OCP Support

The following additional OCP is supported:

- OCP 4.14



See

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

1.2.2.2 Additional Kubernetes Support

The following additional Kubernetes is supported:

- Kubernetes 1.27



See

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

1.2.3 Security

This section explains the new feature related to security:

- User Synchronization Using ldap2pg

1.2.3.1 User Synchronization Using ldap2pg

FEP user accounts can now be synchronized with LDAP directory using ldap2pg.



See

Refer to "User Synchronization Using ldap2pg" in the User's Guide.

1.2.4 Operation

This section explains the new feature related to operation:

- Log Collection Tool

1.2.4.1 Log Collection Tool

Provides a Log Collection Tool to retrieve logs, environment information, and statistics from FEP containers running on a specified FEP cluster on Kubernetes/OpenShift.



Refer to "Log Collection Tool" in the User's Guide.

1.2.5 Performance

This section explains the new feature related to performance:

- Fixed Statistics

1.2.5.1 Fixed Statistics

Operator can schedule statistics to be fixed. The user simply defines a schedule in the FEPCluster custom resource, and the operator automatically fixes the statistics that the user intended.



Refer to "Fixed Statistics" in the User's Guide.