FUJITSU

**Fujitsu
Enterprise Postgres 16 for Kubernetes**

Release Notes

Linux

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 Fujitsu Enterprise Postgres	FEP
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

Trademarks

- Linux is a registered trademark or trademark of Mr. Linus Torvalds in the U.S. and other countries.

- Red Hat and all Red Hat-based trademarks and logos are trademarks or registered trademarks of Red Hat, Inc. in the United States and other countries.

- S/390 is a registered trademark of International Business Machines Corporation in the United States or other countries or both.

- Power and Power Systems are registered trademarks of International Business Machines Corporation in the United States or other countries or both.

Other product and company names mentioned in this manual are the trademarks or registered trademarks of their respective owners.

Export restrictions

If this document is to be exported or provided overseas, confirm legal requirements for the Foreign Exchange and Foreign Trade Act as well as other laws and regulations, including U.S. Export Administration Regulations, and follow the required procedures.

Issue date and version

```
Edition 1.0: June  2024
```

Copyright

Contents

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:v6.1.0 Container image tag:ubi9-16-1.0	OSS	PostgreSQL Rebase
		OSS Updates Provided
	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 v6.1.0

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

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 16.2.

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 4.14

See
. . . .
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 1.27

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

1.1.3 Security

This section explains the new feature related to security:

- User Synchronization Using ldap2pg

1.1.3.1 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.
. . . .

1.1.4 Operation

This section explains the new feature related to operation:

- Log Collection Tool

1.1.4.1 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.

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

1.1.5 Performance

This section explains the new feature related to performance:

- Fixed Statistics

1.1.5.1 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.

See

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