



- Red Hat(R) Enterprise Linux(R) 9  
is abbreviated as "Linux".

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Revision History

<Edition 1.0 (December 2025)>

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## 1 About This Product

This product is configured to use algorithms that are approved by the security requirements for cryptographic modules (FIPS 140), one of the FIPS (Federal Information Processing Standard) standards.

This product can take advantage of Fujitsu Enterprise Postgres 18 for Kubernetes features. For more information about Fujitsu Enterprise Postgres 18 for Kubernetes features and usage, see the Fujitsu Enterprise Postgres 18 for Kubernetes documentation in "3 Applicable Manuals".

There are also the following feature differences between this product and Fujitsu Enterprise Postgres 18 for Kubernetes for some features:

### 1.1 Container public image name

The first publish has the following name/tag:

- FEP operator  
fujitsu-enterprise-postgres-operator-with-cryptographic-module:v8.1.0
- fujitsu-enterprise-postgres-operator-with-cryptographic-module:v8.1.0-amd64
- FEP server container  
fujitsu-enterprise-postgres-18-server-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-18-server-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP backup container  
fujitsu-enterprise-postgres-18-backup-with-cryptographic-module:ubi9-18-1.0

- fujitsu-enterprise-postgres-18-backup-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP restore container  
fujitsu-enterprise-postgres-18-restore-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-18-restore-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP pgpool2 container  
fujitsu-enterprise-postgres-18-pgpool2-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-18-pgpool2-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP Exporter container  
fujitsu-enterprise-postgres-exporter-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-exporter-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP Fluentd container  
fujitsu-enterprise-postgres-fluentd-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-fluentd-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP Fluentbit container  
fujitsu-enterprise-postgres-fluentbit-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-fluentbit-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP Cronjob container  
fujitsu-enterprise-postgres-cronjob-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-cronjob-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP upgrade container  
fujitsu-enterprise-postgres-18-upgrade-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-18-upgrade-with-cryptographic-module:ubi9-18-1.0-amd64
- FEP Utils container  
fujitsu-enterprise-postgres-18-utils-with-cryptographic-module:ubi9-18-1.0
- fujitsu-enterprise-postgres-18-utils-with-cryptographic-module:ubi9-18-1.0-amd64

## 1.2 Operator Installation

The following differences exist between the installation methods described in the User's Guide.

### 1.2.1 Using the OperatorHub

User's Guide: 3.1.2 Deploying Operator

The public name on OperatorHub will be Fujitsu Enterprise Postgres Operator with Cryptographic Module

### 1.2.2 Using the Helm Chart

User's Guide: 3.2.1 Deploying Operator

Add the following Helm Chart repository:

```
-----
helm repo add fep-repo https://fujitsu.github.io/fep-operator-helm-with-crypto
graphic-module/v1
-----
```

### 1.2.3 Using the Rancher UI

User's Guide: 3.3.2 Register Helm Chart Repository

Register the following Helm Chart repository:

```
-----
https://fujitsu.github.io/ fep-operator-helm-with-cryptographic-module/v1
-----
```

## 1.3 Implement Client

To use the FEP client, use the media or download the rpm module from the following site.

-----  
<https://www.postgresql.fastware.com/fujitsu-enterprise-postgres-cg-client-download>  
-----

2 Component Programs

This product comes without any bundled optional products.

3 Applicable Manuals

+-----+-----+-----+-----+-----+-----+	
	Manual Title
+-----+-----+-----+-----+-----+-----+	
	1  Fujitsu Enterprise Postgres for Kubernetes Release Notes
+-----+-----+-----+-----+-----+-----+	
	2  Fujitsu Enterprise Postgres for Kubernetes Overview
+-----+-----+-----+-----+-----+-----+	
	3  Fujitsu Enterprise Postgres for Kubernetes User's Guide
+-----+-----+-----+-----+-----+-----+	
	4  Fujitsu Enterprise Postgres for Kubernetes Reference
+-----+-----+-----+-----+-----+-----+	

4 System Requirements

Refer to below for system requirements in the User's Guide.  
"Chapter 1 System Requirements"

5 Restrictions

None.

6 Notes on Migration

None.

7 Other Notes

None.

8 Installation Procedure

8.1 Installation Method

For information on installing this software, refer to the following chapters in the Fujitsu Enterprise Postgres for Kubernetes User's Guide:  
"Chapter 3 Operator Installation"

Appendix A License Terms and Exclusions of Liability

A.1. License for Open Source Software

This product uses the open-source software.  
Refer to /doc/OSS\_List.pdf in this media for the name, version and license conditions of the open source software included in this product.  
After providing this product and this media, the OSS version and license conditions may change due to the provision of the correction program.  
Refer to the following folder for the changed OSS version and license conditions.

+-----+  
| <Installation destination of the product>/doc/LICENSES/ |  
+-----+

It is allowable to choose a license from one of the following for jQuery and jQuery UI Library; MIT License or GNU GENERAL PUBLIC LICENSE (GNU GPL). This product redistributes jQuery and jQuery UI Library based on the MIT License.

The ecj is covered by the Eclipse Public License.  
We will provide, on request, the source code for software for which source code disclosure is a license requirement. If you require this source code, please contact our sales staff.

The jstl is covered by the COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL). We will provide, on request, the source code for CDDL target software and for software for which source code disclosure is a license requirement. If you require this source code, please contact our sales staff.

Will Hartung - getline is license-free open source software available in the public domain.

## A.2 Provision of the Source Code for Software Based on LGPL

This product comes with the following software licensed under the GNU LESSER GENERAL PUBLIC LICENSE Version 3.0, GNU LESSER GENERAL PUBLIC LICENSE Version 2.1 and GNU LIBRARY GENERAL PUBLIC LICENSE Version 2.  
The source code of the software below will be provided on request at cost for a period of three years from the date of shipment of this product, or for the term of the maintenance support agreement entered into for this product, whichever is longer.

- gettext
- libiconv
- Openc
- psqLODBC
- psycopg2
- psycopg
- psycopg-c
- psycopg-pool
- Swing Layout Extensions

Contact Fujitsu technical support if you require the source code.

## A.3 Programs for which Modification and Reverse Engineering are Permitted

Modification and reverse engineering are permissible for the following programs included in this product to the extent permitted under the GNU LESSER GENERAL PUBLIC LICENSE Version 3.0, the GNU LESSER GENERAL PUBLIC LICENSE Version 2.1 and the GNU LIBRARY GENERAL PUBLIC LICENSE Version 2, which are applied to the open source software used together with this product.

Folder names

- <Fujitsu Enterprise Postgres install dir>/bin

- <Fujitsu Enterprise Postgres install dir>/lib
- <Fujitsu Enterprise Postgres install dir>/psycopg
- <Linux Fujitsu Enterprise Postgres Client install dir>/bin
- <Linux Fujitsu Enterprise Postgres Client install dir>/lib
- <Linux Fujitsu Enterprise Postgres Client install dir>/odbc
- <Linux Fujitsu Enterprise Postgres Client install dir>/psycopg

#### A.4 Provision of the Source Code for Software Based on GPL

This product comes with the following software licensed under the GNU LESSER GENERAL PUBLIC LICENSE Version 2, GNU LIBRARY GENERAL PUBLIC LICENSE Version 2 with the Classpath Exception and GNU GENERAL PUBLIC LICENSE Version 3.

The source code of the software below will be provided on request at cost for a period of three years from the date of shipment of this product, or for the term of the maintenance support agreement entered into for this product, whichever is longer.

- GNU GENERAL PUBLIC LICENSE Version 2
  - FreeType
  - s3cmd
- GNU GENERAL PUBLIC LICENSE Version 2 with the Classpath Exception
  - OpenJDK
  - VisualVM
  - netbeans platform
  - javahelp2
- GNU GENERAL PUBLIC LICENSE Version 3
  - ansible.utils
  - cloud.common
  - community.docker
  - community.general
  - kubernetes.core

Contact Fujitsu technical support if you require the source code.

#### A.5 Provision of the Source Code for Software Based on CDDL

This product comes with the following software licensed under the COMMON DEVELOPMENT AND DISTRIBUTION LICENSE 1.0.

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- netbeans platform

Contact Fujitsu technical support if you require the source code.

#### A.6 Provision of the Source Code for Software Based on Mozilla Public License

This product comes with the following software licensed under the Mozilla Public License Version 2.0.

The source code of the software below will be provided on request at cost for a period of three years from the date of shipment of this product, or for the term of the maintenance support agreement entered into for this product, whichever is longer.

- certifi

Contact Fujitsu technical support if you require the source code.

## A.7 Apache License

This product includes the software that are covered by Apache License, Version 2.0.

We choose the "Apache License, Version 2.0" license for using log4cplus and Java Native Access (JNA).

Including the content with changed source codes of software log4cplus.

For the Apache License, Version 2.0 text, please refer to the following folder.

- <Fujitsu Enterprise Postgres install dir>/doc/Licence/
- <Linux Fujitsu Enterprise Postgres Client install dir>/doc/Licence/