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**
**                               Software Release Notes
**
**                               Fujitsu Enterprise Postgres
**                               Advanced Edition with Cryptographic Module 17 for Kubernetes
**
*****

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This document lists special cautions and reference information relating to the use of this product.

[High Risk Activity]

The Customer acknowledges and agrees that the Product is designed, developed and manufactured as contemplated for general use, including without limitation, general office use, personal use, household use, and ordinary industrial use, but is not designed, developed and manufactured as contemplated for use accompanying fatal risks or dangers that, unless extremely high safety is secured, could lead directly to death, personal injury, severe physical damage or other loss (hereinafter "High Safety Required Use"), including without limitation, nuclear reaction control in nuclear facilities, aircraft flight control, air traffic control, mass transport control, medical life support systems, and missile launch control in weapon systems. The Customer, shall not use the Product without securing the sufficient safety required for the High Safety Required Use. In addition, Fujitsu (or other affiliate's name) shall not be liable against the Customer and/or any third party for any claims or damages arising in connection with the High Safety Required Use of the Product.

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[Abbreviations and Generic Terms Used]

Note that product names used in this document are shown as follows:

- Red Hat(R) Enterprise Linux(R) 8
- Red Hat(R) Enterprise Linux(R) 9

is abbreviated as "Linux".

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Revision History

<Edition 1.0 (November 2024)>

This document is structured as follows:

- 1 About This Product
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- 3 Applicable Manuals
- 4 System Requirements
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8.1 Installation Method

Appendix A License Terms and Exclusions of Liability

A.1 License for Open Source Software

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

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

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

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

A.6 Apache License

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 17 for Kubernetes features. For more information about Fujitsu Enterprise Postgres 17 for Kubernetes features and usage, see the Fujitsu Enterprise Postgres 17 for Kubernetes documentation in "3 Applicable Manuals".

There are also the following feature differences between this product and Fujitsu Enterprise Postgres 17 for Kubernetes for some features:

1.1 CPU

The only supported architecture is x86.

1.2 Container public image name

The first publish has the following name/tag:

- FEP operator
 - fujitsu-enterprise-postgres-operator-with-cryptographic-module:v7.1.0
 - fujitsu-enterprise-postgres-operator-with-cryptographic-module:v7.1.0-amd64
- FEP server container
 - fujitsu-enterprise-postgres-17-server-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-17-server-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP backup container
 - fujitsu-enterprise-postgres-17-backup-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-17-backup-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP restore container
 - fujitsu-enterprise-postgres-17-restore-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-17-restore-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP pgpool2 container
 - fujitsu-enterprise-postgres-17-pgpool2-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-17-pgpool2-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP Exporter container
 - fujitsu-enterprise-postgres-exporter-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-exporter-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP Fluentd container
 - fujitsu-enterprise-postgres-fluentd-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-fluentd-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP Fluentbit container
 - fujitsu-enterprise-postgres-fluentbit-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-fluentbit-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP Cronjob container
 - fujitsu-enterprise-postgres-cronjob-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-cronjob-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP upgrade container
 - fujitsu-enterprise-postgres-17-upgrade-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-17-upgrade-with-cryptographic-module:ubi9-17-1.0-amd64
- FEP Utils container
 - fujitsu-enterprise-postgres-17-utils-with-cryptographic-module:ubi9-17-1.0
 - fujitsu-enterprise-postgres-17-utils-with-cryptographic-module:ubi9-17-1.0-amd64

1.3 Operator Installation

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

1.3.1 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

1.3.2 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  
-----
```

1.3.3 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  
-----
```

1.4 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-down  
load  
-----
```

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"

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```
-----  
| <Installation destination of the product>/doc/LICENSES/ |  
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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
- Opensc
- psqLODBC
- psycopg2
- Swing Layout Extensions

Contact Fujitsu technical support if you require the source code.

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

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- GNU GENERAL PUBLIC LICENSE Version 2
 - FreeType
- GNU GENERAL PUBLIC LICENSE Version 2 with the Classpath Exception
 - OpenJDK
 - VisualVM
 - netbeans platform
 - javahelp2

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-netbeans platform

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