



Fujitsu Enterprise Postgres 15 with Cryptographic Module for Kubernetes

Software Release Notes

Linux


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**               Software Release Notes               **
**                                     **
**               Fujitsu Enterprise Postgres           **
**               Advanced Edition with Cryptographic   **
**               Module 15 for Kubernetes              **
**                                     **
*****
```

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[High Risk Activity]

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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

<Changes from the Edition 1.0 (February 2024) to the Edition 1.1 (July 2024)>

- 1)FEP Utils container registry image name defect corrected
- <Edition 1.0 (February 2024)>

This document is structured as follows:

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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 15 for Kubernetes features. For more information about Fujitsu Enterprise Postgres 15 for Kubernetes features and usage, see the Fujitsu Enterprise Postgres 15 for Kubernetes documentation in "3 Applicable Manuals". There are also the following feature differences between this product and Fujitsu Enterprise Postgres 15 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:v5.1.0
 - fujitsu-enterprise-postgres-operator-with-cryptographic-module:v5.1.0-amd64

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- FEP server container
 - fujitsu-enterprise-postgres-15-server-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-15-server-with-cryptographic-module:ubi8-15-1.0-amd64

0-amd64

- FEP backup container
 - fujitsu-enterprise-postgres-15-backup-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-15-backup-with-cryptographic-module:ubi8-15-1.0-amd64

0-amd64

- FEP restore container
 - fujitsu-enterprise-postgres-15-restore-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-15-restore-with-cryptographic-module:ubi8-15-1.0-amd64

.0-amd64

- FEP pgpool2 container
 - fujitsu-enterprise-postgres-15-pgpool2-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-15-pgpool2-with-cryptographic-module:ubi8-15-1.0-amd64

.0-amd64

- FEP Exporter container
 - fujitsu-enterprise-postgres-exporter-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-exporter-with-cryptographic-module:ubi8-15-1.0-amd64

-amd64

- FEP Fluentd container
 - fujitsu-enterprise-postgres-fluentd-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-fluentd-with-cryptographic-module:ubi8-15-1.0-amd64

amd64

- FEP Fluentbit container
 - fujitsu-enterprise-postgres-fluentbit-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-fluentbit-with-cryptographic-module:ubi8-15-1.0-amd64

0-amd64

- FEP Cronjob container
 - fujitsu-enterprise-postgres-cronjob-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-cronjob-with-cryptographic-module:ubi8-15-1.0-amd64

amd64

- FEP upgrade container
 - fujitsu-enterprise-postgres-15-upgrade-with-cryptographic-module:ubi8-15-1.0
 - fujitsu-enterprise-postgres-15-upgrade-with-cryptographic-module:ubi8-15-1.0-amd64

.0-amd64

- FEP Utils container
 - fujitsu-enterprise-postgres-utils-with-cryptographic-module:ubi8-15-1.0

- fujitsu-enterprise-postgres-utils-with-cryptographic-module:ubi8-15-1.0-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-cryptographic-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-download
```

2 Component Programs

This product comes without any bundled optional products.

3 Applicable Manuals

	Manual Title
1	Fujitsu Enterprise Postgres for Kubernetes Overview
2	Fujitsu Enterprise Postgres for Kubernetes User's Guide
3	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
- gnu-glibc
- libiconv
- Opencs
- psqldb
- 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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- VisualVM
- netbeans platform
- javahelp2

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