

# Fujitsu Enterprise Postgres 15 for Kubernetes

## Quick Start Guide for AWS Marketplace

Linux



```

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**
**                               Software Release Notes
**
**                               Fujitsu Enterprise Postgres 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

<Edition 1.0 (March 2024)>

This document is structured as follows:

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## 1 About This Product

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:v5.2.1
- FEP server container  
fujitsu-enterprise-postgres-15-server:ubi9-15-1.0
- FEP backup container  
fujitsu-enterprise-postgres-15-backup:ubi9-15-1.0
- FEP restore container  
fujitsu-enterprise-postgres-15-restore:ubi9-15-1.0
- FEP pgpool2 container  
fujitsu-enterprise-postgres-15-pgpool2:ubi9-15-1.0
- FEP Exporter container  
fujitsu-enterprise-postgres-exporter:ubi9-15-1.0
- FEP Fluentd container  
fujitsu-enterprise-postgres-fluentd:ubi9-15-1.0
- FEP Fluentbit container  
fujitsu-enterprise-postgres-fluentbit:ubi9-15-1.0
- FEP Cronjob container  
fujitsu-enterprise-postgres-cronjob:ubi9-15-1.0
- FEP upgrade container  
fujitsu-enterprise-postgres-15-upgrade:ubi9-15-1.0
- FEP Utils container  
fujitsu-enterprise-postgres-utils:ubi9-15-1.0

### 1.3 Operator Installation

Operators should install using Helm Chart.

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

User's Guide: 3.2.1 Deploying Operator

#### 1.3.1 Acquisition of authentication information

```
-----  
aws ecr get-login-password \  
  --region us-east-1 | helm registry login \  
  --username AWS \  
  --password-stdin 709825985650.dkr.ecr.us-east-1.amazonaws.com  
-----
```

#### 1.3.2 Operator Installation

```
-----  
helm install fep-operator-release oci://709825985650.dkr.ecr.us-east-1.amazona  
ws.com/fujitsu/fep-operator-helm --version 15.1.0  
-----
```

### 1.3.3 Creating IAM roles

To call the API used to verify licenses, please create an IAM role as shown below.

The following example assume that the FEPCluster name is mydb in the namespace my-namespace. Assume also that the cluster name for Amazon EKS is ekscluster and the region in which you deployed Amazon EKS is region-name.

```
-----  
eksctl create iamserviceaccount --name mydb-sa --namespace my-namespace --region=region-name --cluster ekscluster --attach-policy-arn arn:aws:iam::aws:policy/service-role/AWSLicenseManagerConsumptionPolicy --approve --override-existing-serviceaccounts  
-----
```

## 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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- gettext
- gnu-glibc
- libiconv
- Openc
- psqLODBC
- psycopg2
- 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 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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- OpenJDK
- VisualVM
- netbeans platform
- javahelp2

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