

EDB Enterprise Postgres with IBM 14.4 adds support for Linux on IBM Z and LinuxONE platforms, offering database flexibility, improved performance, and potential cost savings

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Overview

EDB Enterprise Postgres with IBM^(R) consists of EDB Postgres Advanced Server with IBM and EDB PostgreSQL with IBM.

EDB Postgres Advanced Server with IBM offers an integrated, open-source-based SQL relational database solution that is built for your enterprise-scale data needs. It provides a rich data environment and a rich set of extended capabilities that support high availability production and cost-effective nonproduction environments. The offering is designed for organizations that are implementing standards that leverage open-source databases and want the assurance of high availability, security-rich features, and manageable deployments with support. It includes the Postgres Advanced Server database with other key capabilities that support security-rich deployment at scale, and development, analyst, and operational management roles.

EDB PostgreSQL with IBM provides tested and certified PostgreSQL with tools for high availability, disaster recovery, monitoring, and professional support.

New in version 14.4

PostgreSQL is a massively scalable, object-relational database that is capable of handling mixed workload types. Your organization can now pair that database flexibility with the performance characteristics of Linux^(R) on IBM Z^(R) and LinuxONE. This combination can help reduce costs without compromising requirements.

The combination of the Oracle compatibility of EDB with the capability of IBM zSystems to consolidate Exadata (and other x86 platforms) cores offers a value proposition to organizations that are struggling to reduce their Oracle costs. With EDB Enterprise Postgres with IBM 14.4, organizations can lift-and-shift their entire Oracle estate to IBM Z, while quickly migrating portions of that Oracle estate to EDB, all on the same IBM zSystems platform.

Key requirements

For details, see the [Software requirements](#) section.

Planned availability date

September 13, 2022

Availability within a country is subject to local legal requirements.

Accessibility by people with disabilities

Accessibility Compliance Reports (previously known as a VPAT) containing details on accessibility compliance to standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, can be found on the [Product Accessibility Reports](#) web page.

Reference information

For more information about EDB Enterprise Postgres with IBM, see Software Announcement [A20-0776](#), dated December 15, 2020.

Program number

Program number	VRM	Program name
5737-L84	13.7.0; 14.4.0	EDB Enterprise Postgres with IBM

Offering Information

Product information is available on the [IBM Offering Information](#) website.

More information is also available on the [Passport Advantage[®]/Passport Advantage Express Overview](#) website.

Publications

None

Services

IBM Systems Lab Services

Systems Lab Services offers infrastructure services to help build hybrid cloud and enterprise IT solutions. From servers to storage systems and software, Systems Lab Services can help deploy the building blocks of a next-generation IT infrastructure to empower a client's business. Systems Lab Services consultants can perform infrastructure services for clients on-line or onsite, offering deep technical expertise, valuable tools, and successful methodologies. Systems Lab Services is designed to help clients solve business challenges, gain new skills, and apply best practices.

Systems Lab Services offers a wide range of infrastructure services for IBM Power[®] servers, IBM Storage systems, IBM Z, and IBM LinuxONE. Systems Lab Services has a global presence and can deploy experienced consultants on-line or onsite around the world.

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To learn more, see the [IBM Systems Lab Services](#) website.

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For more information, contact Security Expert Labs at sel@us.ibm.com.

For additional information, see the [IBM Security Expert Labs](#) website.

Technical information

Specified operating environment

Software requirements

EDB Postgres Advanced Server with IBM

Supported versions: 14.4

Supported CPU architectures and OS

Linux x86-64:

- RHEL 8.x, 7.x
- CentOS 7.x
- Ubuntu 20.04, 18.04
- Debian 10.x , 9.x
- SLES 15 SP3, 12 SP5
- AlmaLinux 8.x
- Rocky Linux 8.x

Linux on IBM POWER10, IBM POWER9™, and IBM POWER8^(R) (LE):

- RHEL 8.x, 7.x
- SLES 15 SP3, 12 SP5

Linux on IBM Z and LinuxONE platforms:

- s390x - Z Linux- rhel8
- s390x - Z Linux- sles12
- s390x - Z Linux- sles15

Windows™ x86-64:

- Windows Server 2019
- Windows Server 2016

EDB PostgreSQL with IBM

Supported versions: 14.4

Supported CPU architectures and OS

Linux x86-64:

- RHEL 8.x, 7.x
- CentOS 7.x
- Ubuntu 20.04, 18.04
- Debian 10.x , 9.x
- SLES 15 SP3, 12 SP5
- AlmaLinux 8.x
- Rocky Linux 8.x

Linux on IBM POWER10, IBM POWER9, and IBM POWER8 (LE):

- RHEL 8.x, 7.x

- SLES 15 SP3, 12 SP5

Linux on IBM Z and LinuxONE platforms:

- s390x - Z Linux- rhel8
- s390x - Z Linux- sles12
- s390x - Z Linux- sles15

Windows x86-64:

- Windows Server 2019
- Windows Server 2016

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Additional IBM support

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Planning information

Packaging

This offering is delivered through the internet as an electronic download. There is no physical media.

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These programs are available only through Passport Advantage.

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Passport Advantage

For available part numbers, see Software Announcement [A20-0776](#), dated December 15, 2020.

Cross-platform product for use on IBM Z Integrated Facility for Linux (IFL) engines or zEnterprise[®] BladeCenter Extension

Order the part numbers that follow when the product is intended to run on zEnterprise BladeCenter Extension or the Linux operating system on IBM Z IFL engines. If the product is not intended to run in these environments, order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

Part number description	Part number
EDB Postgres Advanced Server with IBM for Linux on IBM Z Virtual Processor Core Subscription License	D09EBZX
EDB Postgres Advanced Server with IBM Non Production for Linux on IBM Z Virtual Processor Core Subscription License	D09EAZX
EDB PostgreSQL with IBM for Linux on IBM Z Virtual Processor Core Subscription License	D0A1QZX
EDB PostgreSQL with IBM Non Production for Linux on IBM Z Virtual Processor Core Subscription License	D0A1RZX

Charge metric

The charge metrics for this licensed product can be found in the following License Information documents:

Program identifier	License Information document title	License Information document number
5737-L84	EDB Postgres Advanced Server with IBM 13.7	L-JPHR-C2JQYA
	EDB Postgres Advanced Server with IBM 14.4	L-JPHR-CBRM2D
	EDB PostgreSQL with IBM 13.7	L-JPHR-CCTMXG
	EDB Postgres Advanced Server with IBM 13.7	L-JPHR-CCTMWK

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License Information number

The following License Information documents apply to the offering in this announcement:

Program identifier	License Information document title	License Information document number
5737-L84	EDB Postgres Advanced Server with IBM 13.7	L-JPHR-C2JQYA
	EDB Postgres Advanced Server with IBM 14.4	L-JPHR-CBRM2D
	EDB PostgreSQL with IBM 13.7	L-JPHR-CCTMXG
	EDB Postgres Advanced Server with IBM 13.7	L-JPHR-CCTMWK

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Limited warranty applies

Yes

Limited warranty

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For additional information about the IBM Software Support Lifecycle Policies, see the [Standard and enhanced IBM support lifecycle policies](#) website.

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Volume orders (IVO)

No

Passport Advantage applies

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Variable charges apply

No

Educational allowance available

Not applicable.

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Note: Shipments will begin after the planned availability date.

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Corrections

(Corrected on September 22, 2022)

Revised [Software requirements](#) section.