



EDB

Postgres® for the AI Generation

pgvector

Release 0.8.0

PostgreSQL Global Development Group

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pgvector is an extension released as open source software under the PostgreSQL License.

pgvector provides vector-similarity search capabilities and the ability to store embeddings for retrieval-augmented generation.

For more information about **pgvector** , see:

- *Installing pgvector*
- *Configuring pgvector*
- *Using pgvector*

pgvector release notes

The `pgvector` documentation describes the latest version of `pgvector` , including minor releases and patches. These release notes cover what was new in each release. For new functionality introduced in a minor or patch release, there are also indicators in the content about the release that introduced the feature.

Version	Release Date
<i>Release notes for pgvector</i>	30 Oct 2024

1.1 Release notes for pgvector

For `pgvector` release notes, see the [pgvector official change log](#) .

CHAPTER 2

Installing pgvector

`pgvector` is supported on the same platforms as the Postgres distribution you're using. Support for `pgvector` starts with Postgres 13. For details, see:

- [EDB Postgres Advanced Server Product Compatibility](#)
- [PostgreSQL Product Compatibility](#)
- [EDB Postgres Extended Server Product Compatibility](#)

2.1 Installation

Before you begin the installation process:

- Install Postgres. See:
 - *[Installing EDB Postgres Advanced Server](#)*
 - [Installing PostgreSQL](#)
 - *[Installing EDB Postgres Extended Server](#)*
- Set up the repository.

Setting up the repository is a one-time task. If you've already set up your repository, you don't need to perform this step.

To set up the repository, go to [EDB repositories](#) and follow the instructions provided there.

2.2 Install the package

The syntax for the package install command is:

```
# For SLES, CentOS, RHEL and its derivatives

sudo <package-manager> -y install edb-<postgres><postgres_version>-pgvector0

# For Debian and Ubuntu

sudo <package-manager> -y install edb-<postgres><postgres_version>-pgvector-0
```

Where:

- `<package-manager>` is the package manager used with your operating system:

Package manager	Operating system
dnf	RHEL 8/9 and derivatives
yum	RHEL 7 and derivatives, CentOS 7
zypper	SLES
apt-get	Debian and derivatives

- `<postgres>` is the distribution of Postgres you're using:

Postgres distribution	Value
PostgreSQL	pg
EDB Postgres Advanced Server	as
EDB Postgres Extended Server	postgresextended

- `<postgres_version>` is the version of Postgres you're using.

For example, to install pgvector for EDB Postgres Advanced Server 15 on a RHEL 8 platform:

```
sudo dnf -y install edb-as15-pgvector0
```

CHAPTER 3

Configuring pgvector

No additional configuration is required after enabling the `pgvector` extension.

CHAPTER 4

Using pgvector

For more information on using `pgvector` , see [Getting Started](#) in the `pgvector` official documentation.