

## EDB Postgres<sup>®</sup> AI High Availability Essentials Instructor-Led Training

**Version:** This is a v6.0 course

**Duration:** 3 Days

### Audience

- DBAs
- Database Architects and Solution Architects

### Description

Learn the full capabilities of Postgres high availability and distributed database architecture using EDB Postgres AI High Availability (PGD). This course covers both Advanced High Availability (Essentials) and Distributed High Availability (Expanded), equipping you with the skills to install, configure, manage, and monitor highly available and scalable Postgres clusters. You will understand how Advanced High Availability simplifies replication and high availability with a limited, easy-to-deploy architecture—ideal for smaller setups or quick adoption. You'll also explore Distributed High Availability, the full-featured version that supports advanced conflict management, dynamic data distribution, and deployments with no node or group limitations.

### Course outline

- Introduction to Distributed Databases
- Introduction to Postgres
- Introduction to PGD: The Best Way to Run Postgres
- Installing and Configuring EDB Postgres AI High Availability (PGD 6)
- Command Line Tools ( PGD CLI )
- Configuration and Customization
- Connection Manager
- Managing Nodes
- DDLs and Sequence
- Replication Conflicts and Resolutions
- Monitoring PGD Replication

### Prerequisites

- Working knowledge of Postgres
- Good understanding of Postgres Streaming and Logical Replication
- Basic experience with the use of the Linux operating system is helpful

### Lab Prerequisites

- Labs are designed for the AWS (Ubuntu 24) environment.

### Certification

This private, instructor-led course includes 1 complimentary attempt/student at the EDB Postgres AI High Availability Essentials certification exam/digital badge. For more information on EDB Postgres AI Certification, visit the [Training Portal](#). Please [contact us](#) for pricing and be sure to visit the [EDB Training website](#).