

Fujitsu
Enterprise Postgres
Instructor-led training

Unlock your
database potential



Fujitsu Enterprise Postgres Training Service

Our online instructor-led training course teaches the practical skills to unlock the full potential of Fujitsu Enterprise Postgres inside business and government organizations. It is designed for personnel working with databases as DBAs, architects, and developers of all skill levels.

Attendees will learn to optimize the way they plan, build, and manage the Fujitsu Enterprise Postgres database with high end security, optimal performance and efficient database operational procedures for highly available configuration.

Fujitsu Enterprise Postgres is based on PostgreSQL, one of the world's most advanced feature-rich open source database management systems. It has an extensive user base and global development community including Fujitsu. Training by our hands-on experts is an excellent way for your team of DBAs, architects, and developers to stay updated and capable of maximizing this critical asset.

We train corporate teams to deliver commercial outcomes.

PostgreSQL is only as powerful as the skills of the people who use it. That's why Fujitsu experts design and deliver our course to meet the needs of DBAs, architects, and developers within all types of commercial and public organizations. We help you understand the Fujitsu Enterprise Postgres platform and develop the practical knowledge that can be used immediately to take advantage of its exceptional feature set.

Training to meet your needs, delivered by PostgreSQL practitioners.

Every organization has its unique characteristics. Our training team accommodates this by sharing practical knowledge through active communication with the participants throughout the course. We take our standard approach and training curriculum for consistency, which is enhanced by elaboration on details based on the database life cycle, skill levels, and any current projects your team may be in the process of delivering. Whether you are getting ready for a migration to Fujitsu Enterprise Postgres, shifting to the cloud as a part of a digital transformation project, or developing a new application, our experts will provide you the skills to make a tangible difference.

Why choose Fujitsu Enterprise Postgres Training?

- **Agile training with practical business outcomes in mind** - combination of theory and hands-on sessions, with flexible customizable training schedule to empower attendees with fundamental knowledge as well as practical skills.
- **Added value** – gain incremental advice for anything specific to your projects; our instructors work in the field with Fujitsu Enterprise Postgres for mission critical systems outside the classroom.
- **One team payment** – up to 20 people may be trained for a single rate.



Training Course Details

Fujitsu Enterprise Postgres – Administration, High Availability, Performance, and Security

Essential enterprise database concepts and skills covered in this course include the below:

Enterprise security	High Availability and Reliability	Performance
<ul style="list-style-type: none">• Understand fundamental concepts such as authentication and connection encryption• Implement a highly secured configuration for the system leveraging authentication and security features• Understand and leverage Transparent Data Encryption (TDE) and Data Masking	<ul style="list-style-type: none">• Understand the requirements of High Availability• Understand Fujitsu Enterprise Postgres unique features for High Availability• Understand the different types of replication• Design and implement High Availability systems	<ul style="list-style-type: none">• Understand fundamental concepts such as queries, transactions, and concurrency control• Understand the query execution mechanism in PostgreSQL• Understand In-Memory Column Store and Vertical Clustered Index (VCI)• Implement and operate Vertical Clustered Index to optimize your HTAP query performance
Topics covered	Topics covered	Topics covered
<ul style="list-style-type: none">• Basic and advanced configuration• User management and security management• Advanced Fujitsu Enterprise Postgres administration• Transparent Data Encryption• Data Masking• Dedicated Audit Log	<ul style="list-style-type: none">• High Availability concepts• Replication concepts• WAL and binary streaming replication• Native logical replication• Backup, recovery, and PITR	<ul style="list-style-type: none">• PostgreSQL fundamental mechanisms• Query Optimizer and Explain• Query performance• Hybrid Transactional Analytical Processing (HTAP)• In-Memory Column Store and Vertical Clustered Index



The curriculum, **designed for DBAs, architects, and developers**, is spread across **5 days** to ensure knowledge retention. This means that you are welcome to come back the next day with further questions on previous topics.



Delivered online, theory sessions on each day will be followed by hands-on sessions, allowing you to understand each concept in practice. A dedicated lab environment will be setup and provided by Fujitsu.



Generally, the total session duration is **4.5 hours per day**, with 1-hour breaks between the theory and hands-on sessions. At the end of the training, participants receive training attendance certificate (*attendance conditions apply*).



Minimum 5 enrollments are required to avail this service.
Up to 20 people may be trained for a single rate.

Sessions

Day 1

- Introduction to the Technical Enablement Session
- Introduction to Fujitsu Enterprise Postgres
- Installation, Setup and Architecture
- Object basics and Finding your way around

Day 2

- Administration and Configuration
- Authentication and Security

Day 3

- High Availability and Introduction to Replication
- Binary Streaming Replication

Day 4

- WAL Multiplexing, Audit Log, and Extensions
- Backup and Recovery
- Native Logical Replication

Day 5

- HTAP and Vertical Clustered Index
- Query Optimizer and Explain
- Queries, Transactions, and Concurrency Control



About Fujitsu

Trust and performance for over 80 years. Since it was founded back in 1935, Fujitsu has been innovating information and communication technologies (ICT) across the globe. A long line of landmark achievements and product milestones have made Fujitsu what it is today — a leading company in the ICT space.

Experience — 40 years of database development. Fujitsu Enterprise Postgres is the outcome of Fujitsu's experience in developing enterprise databases for 40 years, its vision for and commitment to open source, its contributions to PostgreSQL and its active participation in the PostgreSQL open source community.

Proudly supporting customers around the world. As Japan's largest and the world's fifth largest IT services provider, Fujitsu proudly supports customers in more than 100 countries with over 126,000 Fujitsu employees. We utilize our experience and the power of ICT to shape the future of society for our customers.

Contact us

Please contact us to discuss your Fujitsu Enterprise Postgres training requirements so we can ensure an optimal training solution for your needs.

Email: enterprisepostgresql@fujitsu.com 

Visit: fast.fujitsu.com/fep-training-instructor-led 