

Fujitsu Enterprise Postgres 16

Program Updates

Linux

J2UL-2947-01ZLZ0(00)
June 2024

Preface

This document explains the updates that have been fixed at this version.

The contents of this document are subject to change without notice.

Notations

The status for each edition is shown in the following table.

P number	Update summary
Number that uniquely identifies the update	Summary of update details

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Issue date and version

Edition 1.0: June 2024

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Chapter 1 Program Updates

This version incorporates the following fixes:

- PostgreSQL 16
- PostgreSQL 16.1
- PostgreSQL 16.2



See

Refer to the PostgreSQL Global Development Group website for information on the updates implemented in the following releases:

[PostgreSQL 16]

<https://www.postgresql.org/docs/16/release-16.html>

[PostgreSQL 16.1]

<https://www.postgresql.org/docs/16/release-16-1.html>

[PostgreSQL 16.2]

<https://www.postgresql.org/docs/16/release-16-2.html>

In addition, issues that occurred in previous versions are also fixed.

Refer to the following for details of the program fixes included in this version and level.

- [Fujitsu Enterprise Postgres 16 Program Updates](#)

Fujitsu Enterprise Postgres 16 Program Updates

P number	Update summary
PH14042	If the database server goes down, the core file might not be printed.
PH15323	Mirroring Controller may output an exception message if the locale of the message is not Japanese or English.
PH16376	If you precompile an application that uses embedded SQL in the COBOL language, including INCLUDE statements, precompilation may fail.
PH16595	If the password for the instance administrator user contains characters such as ¥ or #, the Mirroring Controller setup using WebAdmin fails.
PH17589	An error occurred in the permission value for the backup_destination directory.
PH18672	If you execute a SELECT statement on a table for which you are creating a secrecy policy, the results might not be secrecy.
PH19942	The pgx_loader command might terminate abnormally.
PH20174	pg_statsinfo might not be able to get statistics about autovacuum.
PH23041	When you execute an EXPLAIN statement, the execution of the EXPLAIN statement may fail or the database instance may go down.
PH23197	When you execute an EXPLAIN statement, the execution of the EXPLAIN statement may fail or the database instance may go down.
PH23199	If the primary Mirroring Controller goes down during the switchover process, the standby may not be able to promote.
PH23286	When a failure is detected on a standby server, the predisconnect command is not executed and the standby server is not stopped even if shutdown_detached_synchronous_standby is on.
PH23288	It may take 65 seconds for automatic switching to start after an error is detected by Mirroring Controller.
PH23295	If the disk becomes unresponsive, error detection is not performed and automatic switching/disconnection is not performed.
PH23508	If the database is under heavy load, the Mirroring Controller may fail to switch and the update SQL is unresponsive.
PH23520	Provides the ability to switch to standby and remain operational if the primary fails and replication is disconnected after a management network failure.
PH23544	When running SQL against a table with fixed statistics by pg_dbms_stats, the execution plan might not be fix.
PH23555	Connection for applications that use libpq may leak memory.
PH23563	If the Mirroring Controller stops, the arbitrage process may terminate abnormally and stop.
PH23587	When using Mirroring Controller, the pre-disconnect command is not executed under certain circumstances.
PH23619	If you are using the audit logging feature and you output audit logs frequently from a large number of database sessions, transaction processing performance may degrade.
PH23725	It was not mentioned in the documentation that it was now possible to create tests using TAP tests when developing EXTENSION.
PH23790	The value displayed on the screen for the setting item "Number of digits in a floating value" for an instance created by WebAdmin may differ from the value of the corresponding parameter in postgresql.conf.
PH23808	The pgx_loader command might terminate abnormally.

P number	Update summary
PH23830	The security bug fixes absorbed in PostgreSQL 16.3 will be reflected in Fujitsu Enterprise Postgres.