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FUJITSU Enterprise Postgres 12 SP1

Program Updates

Windows/Linux

August 2021

Linux >
Windows>

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FUJITSU Enterprise Postgres 12 SP1

Program Updates

Linux

J2UL-2632-02ENZ0(00)
August 2021

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	AE	SE
Number that uniquely identifies the update	Summary of update details	Symbol indicating the fixed status	

AE

Indicates Advanced Edition.

SE

Indicates Standard Edition.

Symbol

Indicates the incorporated status for each edition.

Y: Fixed

-: Not relevant to this product

Export restrictions

Exportation/release of this document may require necessary procedures in accordance with the regulations of your resident country and/or US export control laws.

Issue date and version

```
Edition 2.0: August 2021
Edition 1.0: July 2020
```

Copyright

Chapter 1 Program Updates

This version incorporates the following fixes:

- PostgreSQL 12
- PostgreSQL 12.1
- PostgreSQL 12.2
- PostgreSQL 12.3
- PostgreSQL 12.4
- PostgreSQL 12.5
- PostgreSQL 12.6
- PostgreSQL 12.7

See

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

[PostgreSQL 12]

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https://www.postgresql.org/docs/12/release-12.html
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[PostgreSQL 12.5]

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https://www.postgresql.org/docs/12/release-12-5.html
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[PostgreSQL 12.6]

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https://www.postgresql.org/docs/12/release-12-6.html
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[PostgreSQL 12.7]

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https://www.postgresql.org/docs/12/release-12-7.html
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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 12 SP1 Program Updates
- FUJITSU Enterprise Postgres 12 Program Updates

FUJITSU Enterprise Postgres 12 SP1 Program Updates

障害番号	障害内容	AE	SE
PH14670	Memory access violations can occur when executing SQL statements from embedded SQL COBOL applications and receiving string results in host variables.	Y	Y
PH15298	In the WebAdmin client authentication configuration screen, you may find settings that do not conform to PostgreSQL specifications.	Y	Y
PH16195	Precompilation of applications using embedded SQL in COBOL language fails.	Y	Y
PH16199	If you use WebAdmin to create a synchronous standby instance, you might inadvertently set the parameter synchronous_standby_names to the application name.	Y	Y
PH16471	If you use an embedded SQL application that uses the COBOL language, the host variable may not contain the data even though the data exists.	Y	Y
PH16473	Executing SQL using outer join operators(+) may produce errors.	Y	Y
PH16631	Transaction log duplexing may stop.	Y	Y
PH16646	During failover operation in conjunction with PRIMECLUSTER, it may not switch normally.	Y	Y
PH17742	Indexes on unlogged tables can become corrupted, causing errors when referencing or updating tables.	Y	Y
PH17860	Precompiling an embedded SQL COBOL application using the DO SQL statement may fail.	Y	Y
PH18047	If data masking is used, results may not be protected.	Y	Y
PH18746	The Global Meta Cache feature may cause the database to down.	Y	-
PH18842	Using the pgx_rcvall command may result in an unintended recovery.	Y	Y
PH18942	Propagate fault fixes absorbed in Orafce 3.9.0, 3.11.0, 3.12.0, 3.13.4 to FUJITSU Enterprise Postgres.	Y	Y
PH18945	The Global Meta Cache feature may cause the database to become unresponsive.	Y	-
PH18957	In ECOBPG, add the ability to use host variables of type bytea.	Y	Y
PH18958	The Global Meta Cache feature can degrade database performance.	Y	-
PH18962	To take advantage of JIT compilation, only a fixed version of LLVM is available. As a result, only the supported version may be available.	Y	Y
PH19008	When you execute a function or procedure defined in PL/pgSQL with pgaudit enabled, you may get an error.	Y	-
PH19011	When you create an instance in WebAdmin, you may not be able to start the instance. Other programs may also become abnormal.	Y	Y
PH19013	When you run a PL/pgSQL function or procedure with pgaudit enabled, some parameters are not output to the audit log.	Y	-
PH19081	Adds a feature to the Global Meta Cache feature that limits the amount of metacache cached in memory per process.	Y	-
PH19111	When using the Connection Manager, if you attempt to connect to the database using the password entered in the password file, you will receive an authentication error.	Y	-
PH19182	The conmgr process may abend with the following message:could not listen for socket: Too many open files	Y	-
PH19184	When you disconnect from a database using the Connection Manager, you may experience a missing connection to the conmgr process and a memory leak.	Y	-
PH19280	The language of error messages displayed in WebAdmin may not match the language selected in WebAdmin.	Y	Y
PH19668	When you perform advanced configuration of the ODBC driver from the ODBC Data Source Administrator, the settings for MyLog are automatically enabled and cannot be disabled.	Y	Y
PH19802	Propagate fault fixes absorbed in PostgreSQL 12.2, 12.3, 12.4, and 12.5 to FUJITSU Enterprise Postgres.	Y	Y
PH19853	If FUJITSU Enterprise Postgres installation fails, the installed packages will not be uninstalled.	Y	Y
PH19861	When you start Mirroring Controller, both servers may temporarily become primary servers.	Y	Y
PH19883	SQL statements that specify an integer host variable in the FOR clause of a bulk INSERT may terminate abnormally.	Y	Y

障害番号	障害内容	AE	SE
PH19890	Propagate fault fixes absorbed up to Apache Tomcat 8.5. 61 to FUJITSU Enterprise Postgres WebAdmin.	Y	Y
PH19947	After a database switch, applications that used to connect using the Connection Manager may not be able to reconnect to the database.	Y	-
PH19948	If the database goes down, the application that was connected using the Connection Manager's transparent connection assist feature may wait for communication and become unresponsive.	Y	-
PH19949	If the database goes down, the application connected using the Connection Manager's transparent connection assistance feature may not be able to reconnect.	Y	-
PH19967	You may not be able to control the execution plan if you use pg_hint_plan.	Y	Y
PH20157	If FUJITSU Enterprise Postgres fails to install and then is installed again using the same destination, an error message will be displayed.	Y	Y
PH20287	The conmgr process in Connection Manager may experience memory leaks or process outages.	Y	-
PH20355	Propagate fault fixes absorbed in PostgreSQL 12.6 and 12.7 to FUJITSU Enterprise Postgres.	Y	Y

FUJITSU Enterprise Postgres 12 Program Updates

P number	Update summary	AE	SE
PH14054	When the ecobpg command is excuted, the segmentation violations may occur.	Y	Y
PH14715	A memory leak occurs when an SQL statement containing the output parameter is executed from COBOL application.	Y	Y
PH15139	When the Mirroring Controller fails to start, the instance may stay up.	Y	-
PH15542	Even ih the Mirroring Controller the automatic switch/disconnection is enabled, the automatic switch/disconnection may not occur when the server goes down.	Y	-
PH15823	When fatal or panic is specified in the client_min_messages parameter, SQL may not work properly.	Y	Y
PH15957	When using the data masking feature, if a SELECT statement containing DISTINCT or UNION is executed, the result may contain duplicate rows.	Y	Y
PH15959	When using the data masking feature, the results may not be masked.	Y	Y
PH16007	The transaction log mirroring stops.	Y	Y
PH16164	When the embedded SQL COBOL applications specifed the TYPE command is precompiled, the precompile may fail.	Y	Y
PH16166	The result of executing the SQL in the COBOL application may be incorrect.	Y	Y
PH16167	When using the transparent data encryption feature, if the disk that stores temporary files is exhausted, SQL may not respond.	Y	Y
PH16280	When the functions created with procedural languages is executed, the database server may goes down.	Y	Y
PH16485	Applications that use the .NET Data Provider feature cannot use the latest Npgsql.	Y	Y
PH16486	Wrong attribute value is set in Npgsql's machine.config.	Y	Y
PH16488	The .NET application may fail to connect to database when uninstalling Windows client in multi-version installation environment of Windows client.	Y	Y
PH16511	When the password for the instance administrator user includes + or %, the Mirroring Controller will fail to start.	Y	-
PH16546	The pgx_dmpall command may fail to execute.	Y	Y
PH16549	When the password for the instance administrator user includes &, #, ', or \ , the Mirroring Controller will fail to start.	Y	-
PH16755	When the output file of the pg_dumpall command, is restored, the encrypted tablespace data may not be encrypted.	Y	Y
PH16791	When a new instance is created in WebAdmin, the instance may fail to start.	Y	Y
PH16800	The Mirroring Controller process may go down, stopping monitoring, and failing instance anomaly detection or state checking.	Y	-
PH16942	Corresponds to the host variable definition using level number 77 in the application using embedded SQL in COBOL.	Y	Y
PH16965	Even If the host variables PIC X (n) VARYING and PIC N (n) VARYING are defined at level number 49 or higher, no error occurs at the precompilation.	Y	Y
PH17289	On the [Client authentication] window of the WebAdmin, [Method] is not updated, or the presence of a check box may be incorrect.	Y	Y
PH17313	In the WebAdmin, PostgreSQL configuration changes and instance import may fail.	Y	Y
PH17403	It is not possible to refer to the FUJITSU Enterprise Postgres online manual page using the man command.	Y	Y
PH17700	oracle_fdw can not be used with OCI library versions other than 12 and 19.	Y	Y
PH17903	Executing an EXISTS subquery expression when using the data masking feature may bring down the database.	Y	Y
PH17980	Fujitsu Enterprise Postgres is incorporated the fixes for security failures that were absorbed in PostgreSQL 12.2.	Y	Y
PH18020	Updating tables that use the vertical clustered Index may bring down the database.	Y	-
PH18206	Executing SQL using a VCI index after the SET ROLE statement was executed may result in an error.	Y	-
PH18207	Incorrect values may appear in the backend_type of the pg_stat_activity view and the logs when using VCI.	Y	-
PH18486	Executing the pgx_loader command may cause the database to crash.	Y	-

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B1WS-1389-02ENZ0(00)
August 2021

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