

**POSTGRESQL RDS SETUP GUIDE**

**The Below requirements are needed to establish a connection postgresql rds .**

**Prerequisites**

Prerequisiteslink  
To connect your Amazon RDS PostgreSQL database to Fivetran, you need:  
  
PostgreSQL version 8.4 - 13.x  
An RDS account with an account administrator role  
Access to your database server  
Access to your database host's machine  
Your database host's IP (e.g., 1.2.3.4) or domain (your.server.com)  
Your database's port (usually 5432)  
TLS enabled on your database. Follow Amazon's TLS setup instructions to enable TLS on your database.  
(If you want to connect using SSH) An SSH server

**Setup Guide**

1. Create a schema

* Log in to your SAP HANA database as an Administrator.
* Create a new schema FIVETRAN\_DB, by executing the following command:
* CREATE SCHEMA "FIVETRAN\_DB"

1. Create a user in SAP

* Create a new user by executing the following command:
* CREATE USER <USERNAME> PASSWORD <PASSWORD>;

1. Assign permissions

* Follow these steps to assign Read, Data Definition Language (DDL), and DML access to the user:
* Grant DDL and DML access to newly created user for the FIVETRAN\_DB schema. Execute the following command as SYSTEM/Root user:
* GRANT CREATE ANY ON SCHEMA FIVETRAN\_DB TO <USERNAME>
* Grant permission to create triggers for the new user in YOUR\_SCHEMA. Execute the following command:
* GRANT SELECT, TRIGGER ON SCHEMA <YOUR\_SCHEMA> TO <USERNAME>
* NOTE: YOUR\_SCHEMA is the SAP HANA Schema (Database) name that you want to connect.
* Read SAP HANA SQL and System Views Reference documentation for more information.

1. Finish Fivetran configuration

* In the connector setup form, enter the Destination schema name of your choice.
* Enter the Host name or the IP address of the database server.
* Enter the Port number.
* Enter the User name you created in Step 2.
* Enter the Password.
* Enter the Database name.
* Choose your Connection method. You can choose to Connect directly or Connect via an SSH tunnel. If you choose Connect via an SSH tunnel, enter the following details:
* SSH Host
* SSH Port
* SSH User
* (Optional) Enter the testTableName of your choice.
* Click Save & Test. Fivetran will take it from here and sync your data from your SAP HANA database.

1. Setup tests

* Fivetran performs the following tests to ensure that we can connect to your SAP HANA database and that it is properly configured:
* The Connecting to Host Test validates the database credentials you provided in the setup form. It then verifies that the database host is not private and checks that we can connect to the host.
* The Connecting to Database Test checks that we can access your database.
* The Validating Fivetran Schema Test checks that you created a new schema FIVETRAN\_DB.
* The Checking Access to Schema Test checks that we have the correct permissions to access the schemas in your database. It then verifies that your database contains at least one table.

