

# SFTP SERVER TO POSTGRES



*Read file(s) from SFTP server;*

*Bulk insert into Postgres staging table*

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## KEY ATTRIBUTES

- `ListSFTP`: pulls list of files from SFTP server and creates flow file for each file
- `FetchSFTP`: pulls content from files on SFTP servers and populates the flow file
- `PutDatabaseRecord`: inputs records from flow files into Postgres table

## CONTROLLER SERVICES CREATED

- `CSVReader`: parses incoming, formatted data
- `AvroSchemaRegistry`: interprets *temperature\_table* in database
- `PostgresCon`: connects to Exelon Postgres database

## NOTES

- *Carefully check that database configuration details are updated across the **entire** flow when configuring a new database connection.* The `AvroSchemaRegistry` and `PostgresCon` Controller Services hold majority of the Postgres connection details, but many other processors and services require additional information (i.e. database table name).
- This template utilizes Enterprise Connect (EC).