

PosgreSQL dblink

Last updated by | Lisa Liu | Nov 6, 2020 at 10:34 AM PST

[dblink](#) and [postgres_fdw](#) allow you to connect from one PostgreSQL server to another, or to another database in the same server. The receiving server needs to allow connections from the sending server through its firewall. When using these extensions to connect between Azure Database for PostgreSQL servers, this can be done by setting "**Allow access to Azure services**" to **ON**. This is also needed if you want to use the extensions to loop back to the same server. The "Allow access to Azure services" setting can be found in the Azure portal page for the Postgres server, under Connection Security. Turning "Allow access to Azure services" ON puts all Azure IPs on the allow list.

Currently, outbound connections from Azure Database for PostgreSQL are not supported, except for connections to other Azure Database for PostgreSQL servers.

Install dblink extension.

```
CREATE EXTENSION dblink;
```

Verify dbLink:

```
FROM pg_proc, pg_namespace  
WHERE pg_proc.pronamespace=pg_namespace.oid  
AND pg_proc.proname LIKE '%dblink%';
```

Test connection to the database:

```
SELECT dblink_connect('host=localhost user=postgres password=enjoy dbname=postgres');
```

How good have you found this content?

