PostgresqlConfiguration

Security Configuration

A good configuration for

```
/etc/postgresql/pg_hba.conf
```

and DSpace might be:

```
# TYPE  DATABASE    USE        IP-ADDRESS        IP-MASK           METHOD
local all postgres                                        ident sameuser
local all all                                             ident sameuser
host all all 127.0.0.1  255.255.255.255   password
host all all ::1  ffff:ffff:ffff:ffff:ffff:ffff:ffff:ffff   password
host all all ::ffff:127.0.0.1/128       password
host all all 0.0.0.0  0.0.0.0           reject
```

This allows users to access their own databases on the local machine using sockets (ie. not tcp/ip). However, for the DSpace installation we want to connect over the network, and while we'll authenticate as the DSpace user, we won't be the DSpace user.

So, to create the DSpace database, you might have to use the following:

```
createdb -U dspace -E UNICODE dspace -h localhost
```

The `-h localhost` bit specifies that the PostgreSQL createdb command should connect to the local machine over tcp/ip.