PostgresqlConfiguration

Security Configuration

A good configuration for

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

and DSpace might be:

```
# TYPE  DATAASE    USE          IP-ADDESS          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.