Now that PostgreSQL is properly configured, we need to create a configuration file to inform Vault that its storage backend will be the Vault database inside the postgresql container. Let's do that by defining the following configuration file named config.hcl.

```
{
    "backend": {"postgresql": {"connection_url": "postgres://postgres: postgres@postgres-7ff9df5765-nqzbk:5432/postgresdb?sslmode=disable"}},
    "listener": {"tcp": {"address": "0.0.0.0:8200", "tls_disable": 1}}
}
```

Using Vault we can make use of the Access Control Policies – ACLs – to define different policies to allow or deny access to specific secrets. Before proceeding, let's define a simple file that will be used to allow read-only access to each secret contained inside <code>secret/web</code> path to any authenticated user or service that will be identified as part of that policy:

```
# web-policy.hcl
path "secret/web/*" {
   policy = "read"
}
```

Both files will be stored inside a Docker data container to be easily accessible from other linked containers. Let's create the container by executing:

```
$ docker create -v /config -v /policies --name vault-config
busybox
```

```
[ec2-user@ip-172-31-84-37 confgs]$ sudo docker create -v /config -v /policies --name vault-config busybox
Unable to find image 'busybox:latest' locally
latest: Pulling from library/busybox
90e01955edcd: Pull complete
Digest: sha256:2a03a6059f21e150ae84b0973863609494aad70f0a80eaeb64bddd8d92465812
Status: Downloaded newer image for busybox:latest
d73cd7252122e3c283fbd6cb7d161cbbb699bca925fc3e3bb597f94bd68715d1
```

Next, we will copy both of the files inside it:

```
$ docker cp config.hcl vault-config:/config/
$ docker cp web-policy.hcl vault-config:/policies/
Since we want to make use of Vault's auditing capabilities and we want to make
logs persistent, we will store them in a local folder on the host and then mount it in
Vault's container. Let's create the local folder:
```

```
mkdir logs
```

Finally, we can start our Vault server by launching a container named *vault-server*:

```
docker run \
  -d \
  -p 8200:8200 \
  --cap-add=IPC_LOCK \
  --link vault-storage-backend:storage-backend \
  --volumes-from vault-config \
  -v $(pwd)/logs:/vault/logs \
  --name vault-server \
  vault server -config=/config/config.hcl
```