Apache CouchDB Secure setup check list

1. Deactivate „Admin Party"
    1. Generate a new user, can be done via API or Fauxton. Its also possible to do it in your local configuration file couchdb/etc/local.ini section [admins]
    2. Ensure that you have at least the following DB's after this
        - _users
        - _replicator
2. Open your local couchdb/etc/local.ini file (admin rights needed) and change the following
    1. Under [chttpd] require_valid_user = true
        - Ensures that all requests have to be authenticated
    2. Under [couch_peruser] set enable = true
        - Each users gets his own db, can only used by him
    3. Set under [httpd] WWW-Authenticate = Basic realm="administrator"
3. Restart couch db service
4. Create a normal user in your db, can be done via Fauxton or view API

```
curl -X PUT http://localhost:5984/_users/org.couchdb.user:jan \
    -H "Accept: application/json" \
    -H "Content-Type: application/json" \
    -d '{"name": "jan", "password": "apple", "roles": [], "type": "user"}'
```

Please note: The above command should not work at this step, you have to add
your admin login details to the URL like admin:admin@localhost

4. Each none user database (not created for a user, due to point 2.2 users get their own db) now needs a security object that informs couch on how to handle requests. The configuration can be done with the command below or in Fauxton.

curl -X PUT http://localhost:5984/**mydb**/_security \
    -u admin:admin \
    -H "Content-Type: application/json" \
    -d '{"admins": { "names": [], "roles": [] }, "members": { "names": ["jan"], "roles": [] } }'

The above parts in **bold** need to be adjusted for your installation

Please note: If the user needs to create design documents he has to be in the admin list, he can use design documents as a member

Reverse proxy
Please setup a reverse proxy for couchdb, see [here]