

## **Chapter 1**

# **Prototype: Title of your prototype**

### **1.1 BIND**

BIND is a open source implementation of the DNS protocols and is the most used DNS server software. One of the advantages with BIND, is that it supports both Windows, Mac and Linux. BIND acts like a caching server, where it stores answers to name queries and this result in reduced time of future queries if the name exists in the cache.

### **1.2 Setup BIND Server**

To install a BIND server on Linux type in "sudo apt-get install bind[9]. This will install version 9 of the BIND server software. To check if installation if succesfull type "named -v" and if it is successfull, it will show "BIND 9.8.1-P1". For testing purpose, "dnsutils" have been used - and this can be used to see Query time for the DNS lookup with the commannd "dig -x IP-Adress".