**DNS (Domain Name System)**

Its main use is to translate the names of computers into addresses.

**Domain names**

* Parties may be given a subtree, these parties can then give their sub parties part of that subtree and so on. This is known as the local autonomy principle.
* The names start with TLD’s (Top-level domains). Then split up into 3 categories
  + gTLD’s (generic TLD’s): .com, .gov and .net
  + ccTLD’s (country-code TLD’s): .za, .zw (Zim) etc.
  + sTLD’s (sponsored TLD’s): .pro, .expert, .google, .apple, .microsoft etc…
* Control over the ccTLD’s are governed by the respective country, for south Africa this is the ZADNA (.za Domain Name Authority)

**Name servers.**