**SSID:**

SSID stands for **Service Set Identifier** and is the primary name for the WiFi network. If you tap on the WiFi icon on your mobile or computer it will put up a list of available networks within a range that have different names consisting of letters or numbers.

**Process of changing Router SSID:**

* Find the router's ip address on which you are going to change
* Log in to router’s administrative console
* Change the SSID and password
* Update the connections for all the devices

**Encryption:**

* Encryption is one of the most important steps in securing Wifi network
* If your wireless network is wide open with no encryption enabled, you are practically inviting others and freeloaders to steal the bandwidth that you are paying

**Process of enabling encryption:**

* To enable encryption on your wireless network, open the wireless security settings on your router’s configuration page
* If you have older devices choose WEP or otherwise choose WPA2

**Process of Mac Authentication:**

* Navigate to the Configuration >Security >Authentication >Servers > page.
* Select Internal DB.
* Click Add User in the Users section. ...
* For Username and Password, enter the MAC address for the client. ...
* Click Enabled to activate this entry on creation.
* Click Apply to apply the configuration.

**Hidden SSID:**

* Hiding the network name may prevent the less people from connecting to the network
* SSID hiding is the process of hiding the network name from publicly broadcast. If an SSID is hidden via the network setup page, the name becomes null