**Objective**:

The purpose of this document is to provide instructions on how to create a mobile configuration profile, specifically the OpenVPN Configuration.This document also covers the iPhone Configuration Utility  for mobile configuration profile creation. The mobile configuration includes the following: *Custom OpenVPN Config* with *On-Demand enabled* , *profile password* and a *self signed certificate* (for SSL feature)

**Configure a OpenVPN Connection:**

We need the following data to configure a VPN connection

1.CA Certificate

2.Private Certificate.

3.Private Key.

4.SSL self-signed Certificate (Optional).

5.OpenVPN client configuration.

Once we have above data we can configure our OpenVPN connection using iPhone Configuration Utility tool.

**Steps for creating a .mobileconfig profile:**

1. Open Phone Configuration Utility tool and select Configuration Profiles under Library.Now click 'New' button to create a MobileConfig profile.

2. Select General tab and fill the details as follows.

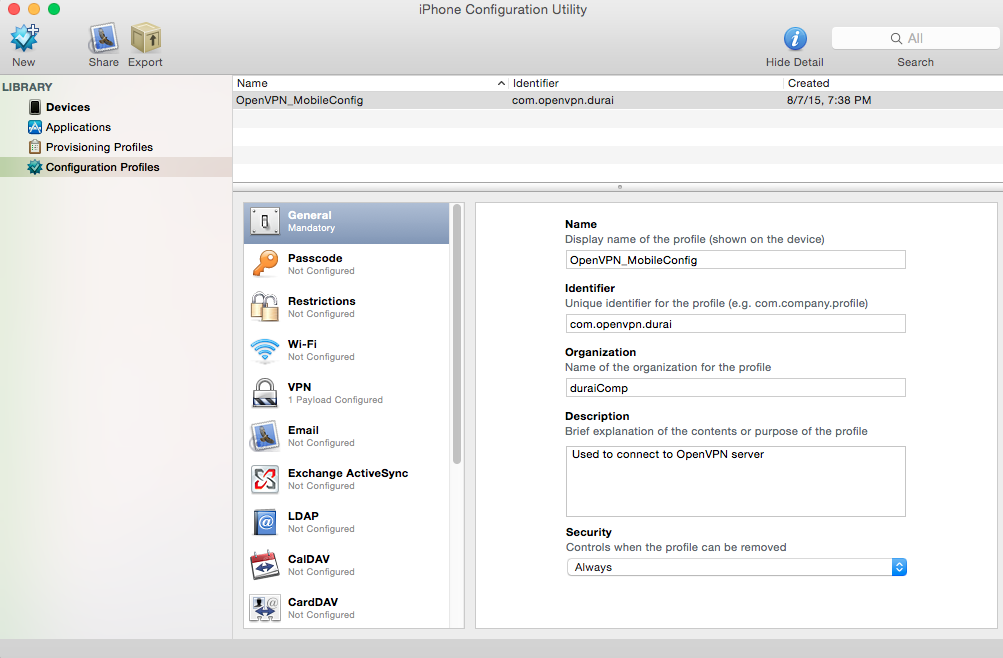
Display name of the profile - It can be user defined name.

Identifier - A unique value for the profile, eg: com.openvpn.durai

Organization - Name of the Organization, eg.Durai Amuthan Comp

Description - Brief description of the content or purpose of the profile .

Security - Choose 'With Authorization' and give a password for the profile .The password given will be used during Profile removal from iOS device.



3.We have to create private key , private certificate and CA

* Visit <http://www.vpnbook.com/freevpn>
* Download a Certificate Bundle Under the Free OpenVPN
* In the downloaded certificate bundle,you'll find .ovpn files
* Open it in the text editor

**Private Key:**

Copy the text which is in between

*<key>*

*-----BEGIN RSA PRIVATE KEY-----*

<PlaceHolder>

*-----END RSA PRIVATE KEY-----*

*</key>*

**Private Certificate:**

*<cert>*

*-----BEGIN CERTIFICATE-----*

<PlaceHolder>

*-----END CERTIFICATE-----*

*</cert>*

**CA Certificate:**

*<ca>*

*-----BEGIN CERTIFICATE-----*

<PlaceHolder>

*-----END CERTIFICATE-----*

*</ca>*