



iOS Security Cheat Sheet

(Based on iOS 5.0 software)

The following recommendations are based largely on iOS hardening guidelines developed by the Center for Internet Security¹. The recommendations apply to an individual user of an iOS-based device and include configurations that can be performed using the iOS user interface.

Corporate users may be subject to alternate or additional security provisions offered by the iPhone Configuration Utility or Microsoft Exchange ActiveSync.

Mandatory settings should be performed by all users of iOS-based devices, while optional settings are intended for high security environments and may impact usability of the device.

System Settings

Mandatory Settings

Update firmware to latest version:

iTunes > Click on device > Check for Update > Download and Install

Require Passcode on Device:

Settings > General > Passcode Lock > Turn Passcode On > Enter four digit passcode

Set auto-lock timeout:

Settings > General > Auto-Lock > Select 5 Minutes or less

Erase data upon excessive passcode failures:

¹ <https://benchmarks.cisecurity.org/en-us/?route=downloads.form.iphone.130>

Settings > General > Passcode Lock > Enter current passcode > Turn ON Erase Data

Turn off VPN when not needed:

Settings > General > Network > VPN > OFF

Turn off Bluetooth when not needed:

Settings > General > Bluetooth > Off

Erase all data before return, recycle, reassignment, or other disposition:

Settings > General > Reset > Erase All Content and Settings

Set up Find My iPhone:

Download Find My iPhone from iTunes Store

Set up an iCloud account

Settings > iCloud > Turn ON Find My iPhone > Allow

Optional Settings

Configure an alphanumeric passcode:

Settings > General > Passcode Lock > Turn off Simple Passcode > Enter complex passcode

Forget Wi-Fi networks to prevent automatic rejoin:

Settings > Wi-Fi > Choose network > Forget this network > Forget

Turn off Ask to Join Networks:

Settings > Wi-Fi > Turn off Ask to Join Networks

Turn off Auto-Join for all Wi-Fi networks:

**Settings > Wi-Fi > Choose network > Turn off Auto-Join
Repeat for all networks**

Turn off Wi-Fi when not needed:

Settings > Wi-Fi > Turn off Wi-Fi

Turn off Location Services:

Settings > Location Services > Turn off Location Services

Turn on Airplane Mode:

Settings > Turn on Airplane Mode

Safari Settings

Mandatory Settings

Enable Fraud Warning:

Settings > Safari > Turn ON Fraud Warning

Optional Settings

Disable JavaScript:

Settings > Safari > Turn OFF JavaScript

Disable AutoFill:

Settings > Safari > Autofill > Turn OFF Use Contact Info > Turn OFF Names & Passwords

Ian Parker is the president of Sentinel Ridge Consulting Group, a firm specializing in the security of corporate computer networks. You can reach him at sentinelridgeconsulting.com.