# WiFiKit & WiFiKitUI

**WiFiKit**

WFClient->_lockdownModeEnabled gets set in the function

```
[WFClient initWithCallbackRunLoop:]
```

Where if it is set to true it will also change WFClient->_askToJoinMode from 2 to -1

There are also a series of WFNetworkListController functions that appear to prompt the user when they are about to join an insecure network and tell them why it's insecure allowing them to decide against it.

# WiFiKit & WiFiKitUI

## WiFiKitUI

+[`WFLockdownModeAlertController` `lockdownModeAlertControllerWithNetworkName:securityType:completionHandler:`]

Called via block invoke in the WiFiKit framework in the function:

-[`WFNetworkListController` `_associateToUserSuppliedNetwork:`]

Also called by the WiFiKit framework function:

-[`WFNetworkListController` `_canStartAssociationToNetwork:`]

```
› plutil -p /System/Library/PrivateFrameworks/WiFiKitUI.framework/WiFiKitUILocalizableStrings.loctable
    "kWFLocLockdownModeCaptiveAlertMessage" => "This network may be unsafe to join in Lockdown Mode."
    "kWFLocLockdownModeCaptiveAlertTitle" => "Join Captive Network "%@"?"
    "kWFLocLockdownModeOpenAlertMessage" => "Open networks provide no security and expose all network traffic. This network is unsafe to join in Lockdown Mode."
    "kWFLocLockdownModeOpenAlertTitle" => "Join Unsecured Network "%@"?"
    "kWFLocLockdownModeOtherAlertMessage" => "This network may be unsafe to join in Lockdown Mode."
    "kWFLocLockdownModeOtherAlertTitle" => "Join Network "%@"?"
    "kWFLocLockdownModePasspointAlertMessage" => "This network may be unsafe to join in Lockdown Mode."
    "kWFLocLockdownModePasspointAlertTitle" => "Join Carrier Network "%@"?"
    "kWFLocLockdownModeWAPIAlertMessage" => "WAPI is not considered secure. This network may be unsafe to join in Lockdown Mode."
    "kWFLocLockdownModeWeakAlertTitle" => "Join Weak Security Network "%@"?"
    "kWFLocLockdownModeWEPAlertMessage" => "WEP is not considered secure. This network may be unsafe to join in Lockdown Mode."
    "kWFLocLockdownModeWPAAlertMessage" => "WPA is not considered secure. This network may be unsafe to join in Lockdown Mode."
    "kWFLocLockdownModeWPATKIPAlertMessage" => "WPA/WPA2 (TKIP) is not considered secure. This network may be unsafe to join in Lockdown Mode."
```