

Quick Look at LockdownMode Framework

First instead of `LDMGlobalEnabled` being a `CFString` it is now a

```
static LockdownMode.Constants.userDefaultsKey.getter : Swift.String
```

This is of course because it is written in Swift... 🤖

The `userDefaultsKey.getter` is checked in the function:

```
LockdownMode.LockdownModeManager.enabled.getter : Swift.Bool
```

Interestingly, however, the function now checks the `sysctl security.mac.lockdown_mode_state`

If that returns 0, then it falls back to the old way of checking the

```
UserDefaults.standard.bool(forKey: "LDMGlobalEnabled")
```

You will see the `LockdownModeManager.shared.enabled` used typically by things that import the framework.

Missing FWs

I've noticed that not all frameworks have converted over to using the NEW **LockdownMode** framework.

Those that do not instead use it via **dlopen**

```
> ipsw dyld str -p '/System/Library/PrivateFrameworks/LockdownMode.framework/LockdownMode' dyld_shared_cache_arm64e
```

- Searching for strings...

0x19d4956a0:	/System/Library/PrivateFrameworks/LockdownMode.framework/LockdownMode	WebKit
0x19f806ecf:	softlink:r:path:/System/Library/PrivateFrameworks/LockdownMode.framework/LockdownMode	PhotoLibraryServicesCore
0x19fec2f01:	softlink:r:path:/System/Library/PrivateFrameworks/LockdownMode.framework/LockdownMode	TelephonyUtilities
0x1ebf54cff:	softlink:r:path:/System/Library/PrivateFrameworks/LockdownMode.framework/LockdownMode	PrivacySettingsUI
0x218e2e2b0:	softlink:r:path:/System/Library/PrivateFrameworks/LockdownMode.framework/LockdownMode	PreferencesUI

Foreshadowing

Some NEW strings in **/System/Library/PrivateFrameworks/Settings/PrivacySettingsUI.framework/LockdownMode.loctable**

```
"SECTION_WIRELESS_CONNECTIVITY_HEADER" => "Wireless Connectivity"
```

```
"SECTION_WIRELESS_CONNECTIVITY_CONTENT" => "Automatically joining non-secure Wi-Fi networks is blocked."
```

```
"ENABLE_2G" => "2G Cellular Connectivity"
```

```
"ENABLE_2G_FOOTER" => "For enhanced security, 2G cellular connectivity is turned off when in Lockdown Mode. Emergency calls may temporarily turn on 2G, if needed."
```