



Privacy guides



Updated on [GitHub](#) a year ago (see [history](#))

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How to disable IPv6 on iOS (cellular-only) and macOS



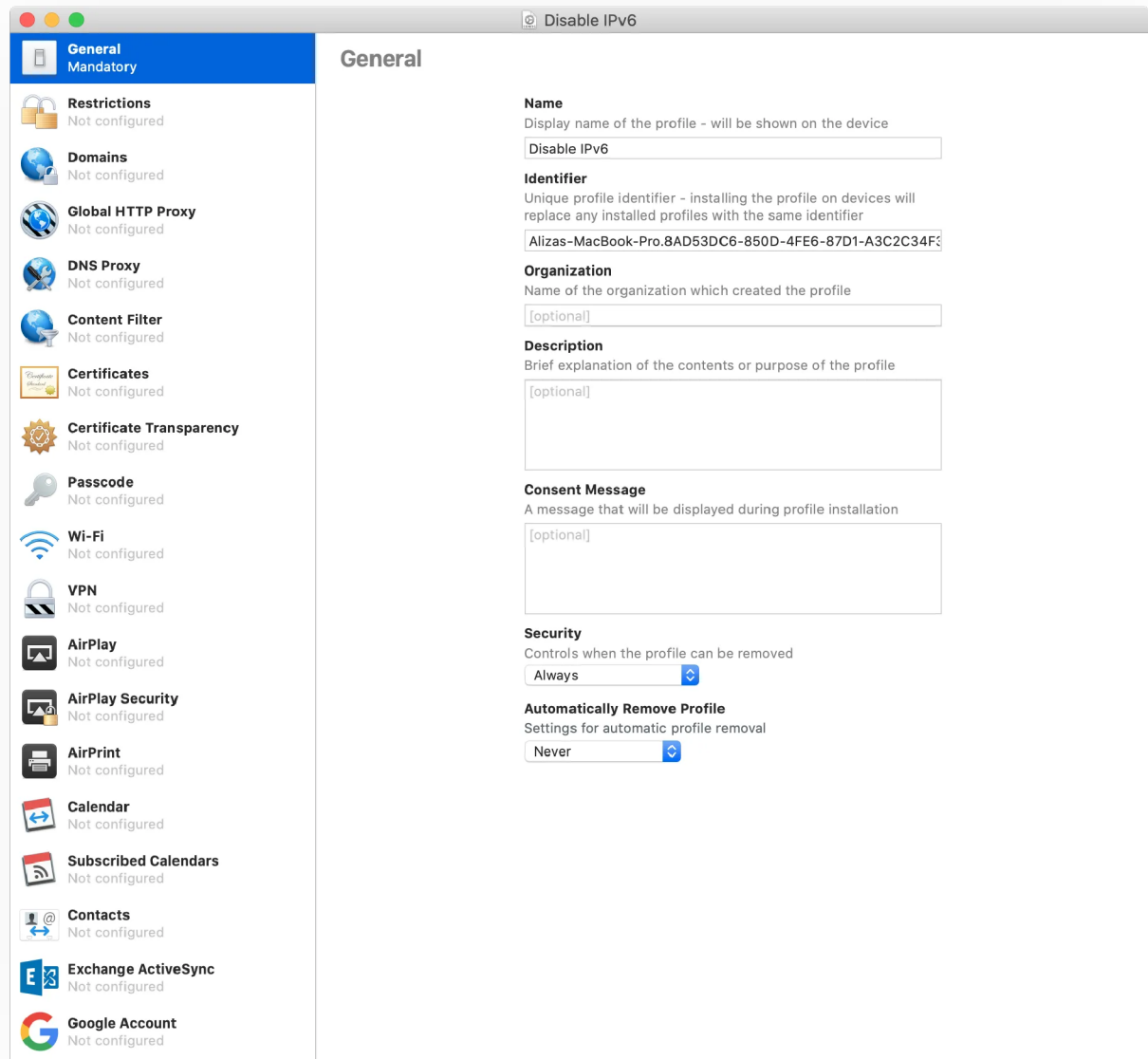
Heads-up: unfortunately this guide will not work on carriers or ISPs that have migrated their networks to IPv6-only.

iOS guide

Step 1 (on Mac): download and open Apple Configurator 2

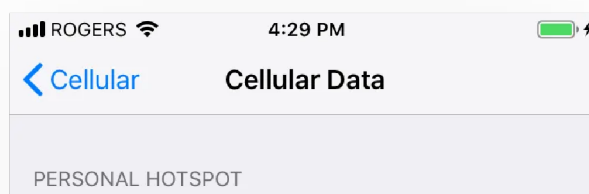
Step 2 (on Mac): create new profile using `cmd + n`

Step 3 (on Mac): configure “General” settings



Step 4 (on iPhone): find APN settings

Open “Settings”, then “Cellular”, then “Cellular Data Network”.



APN

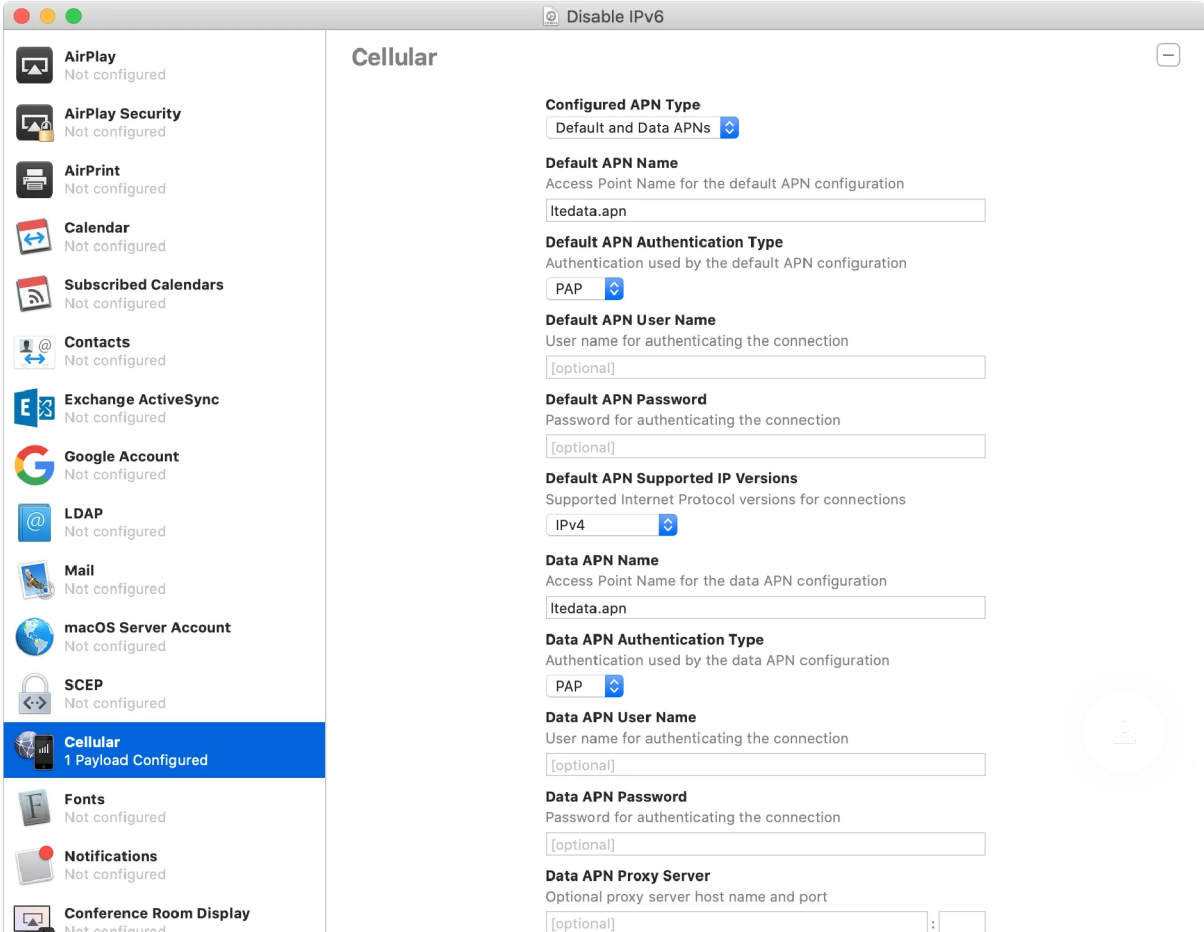
ltedata.apn

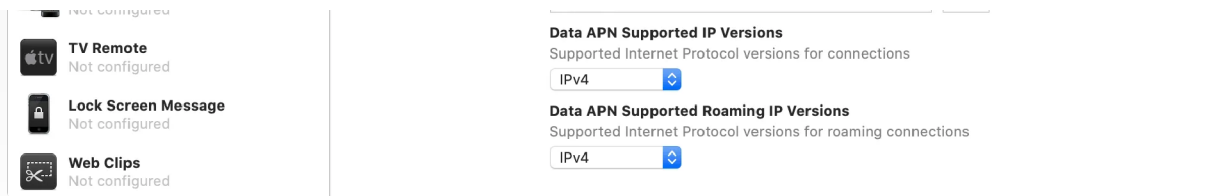
Username

Password

Reset Settings

Step 5 (on Mac): configure “Cellular” settings

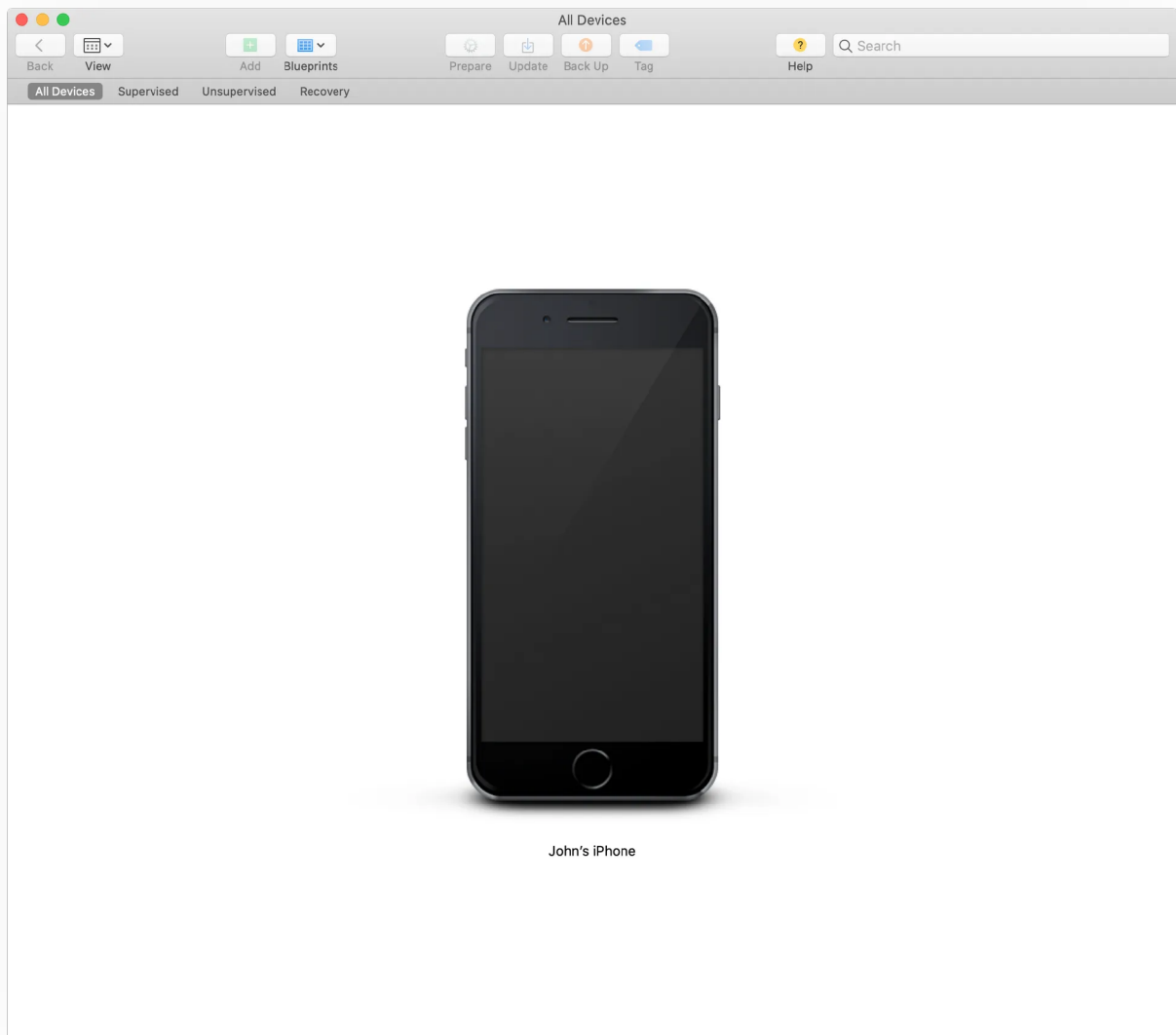




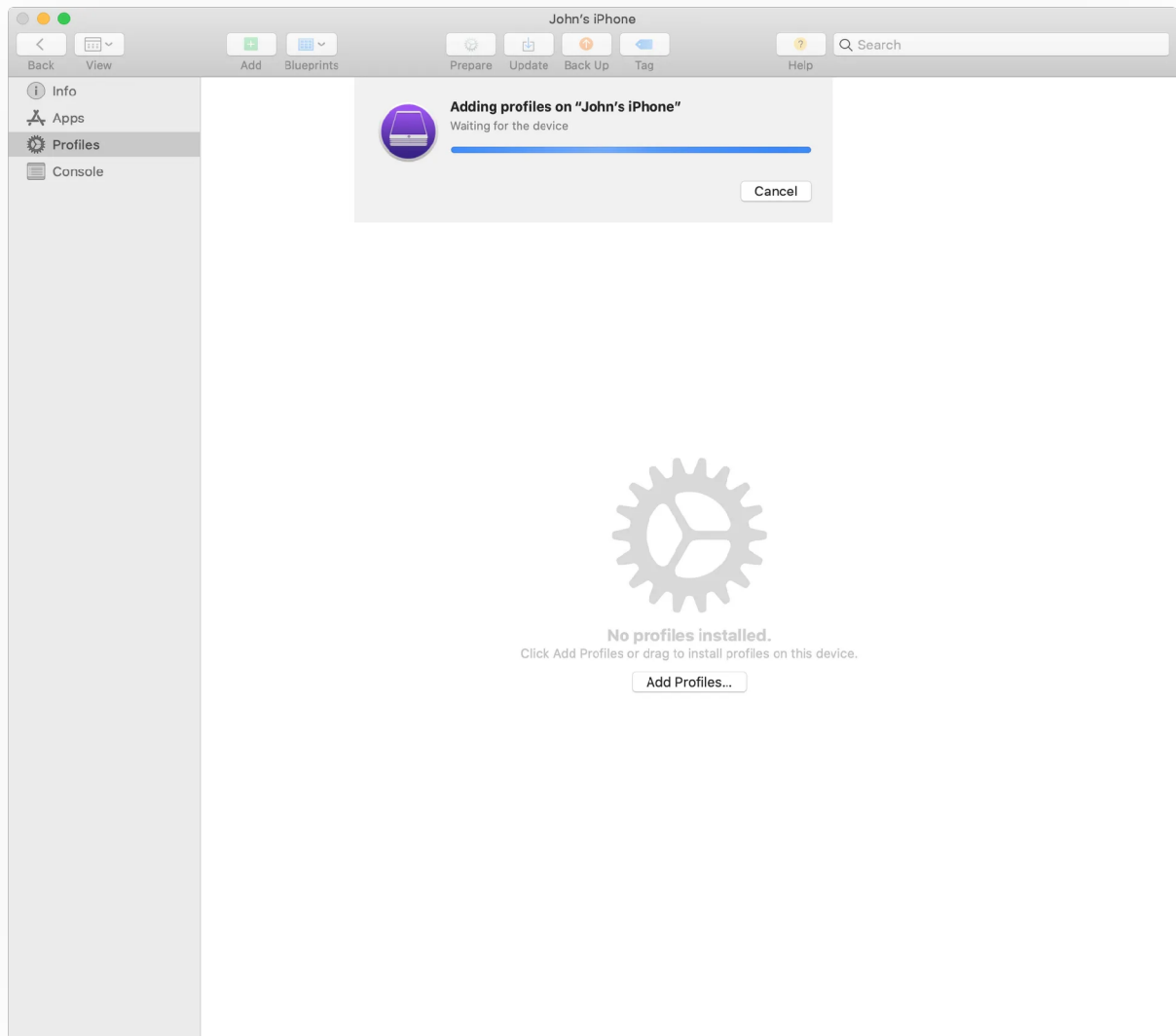
Step 6 (on Mac): save provisioning profile

Step 7 (on Mac): connect iPhone to Mac

Step 8 (on Mac): double-click on iPhone

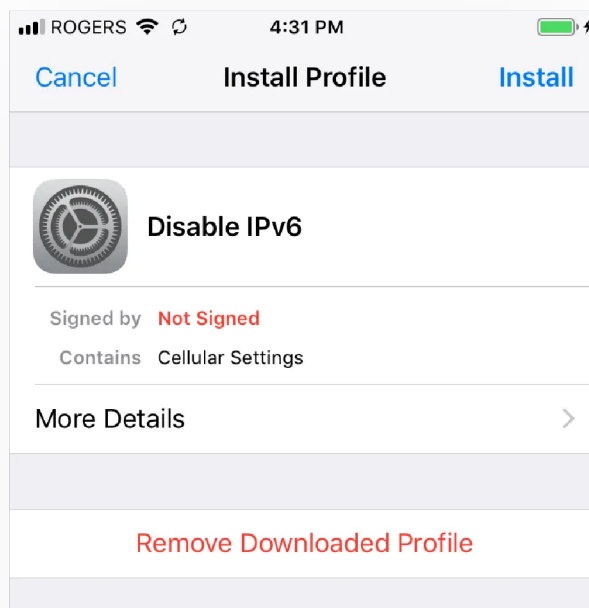


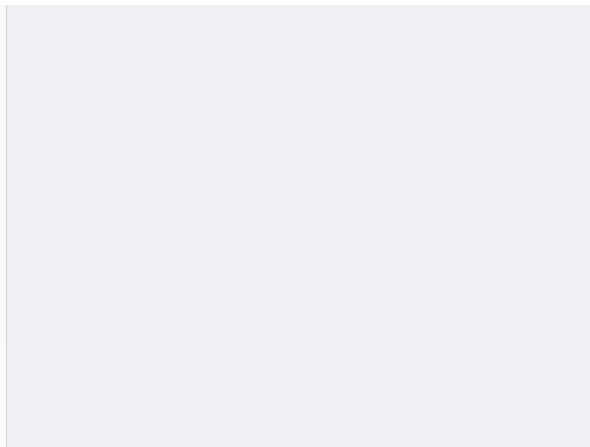
Step 9 (on Mac): click on “Profile” tab, then “Add Profile...”, select saved provisioning profile and click “Add”



Step 10 (on iPhone): review profile

Open "Settings", then "Profile Downloaded" and tap "Install"





macOS guide

Step 1: list network interfaces

```
$ networksetup -listallnetworkservices
An asterisk (*) denotes that a network service is disabled.
Wi-Fi
iPhone USB
Thunderbolt Ethernet
```

Step 2: disable IPv6

Heads-up: use network interfaces found in **step 1** (most computers only have `Wi-Fi` interface)

```
networksetup -setv6off "Wi-Fi"
networksetup -setv6off "iPhone USB"
networksetup -setv6off "Thunderbolt Ethernet"
```

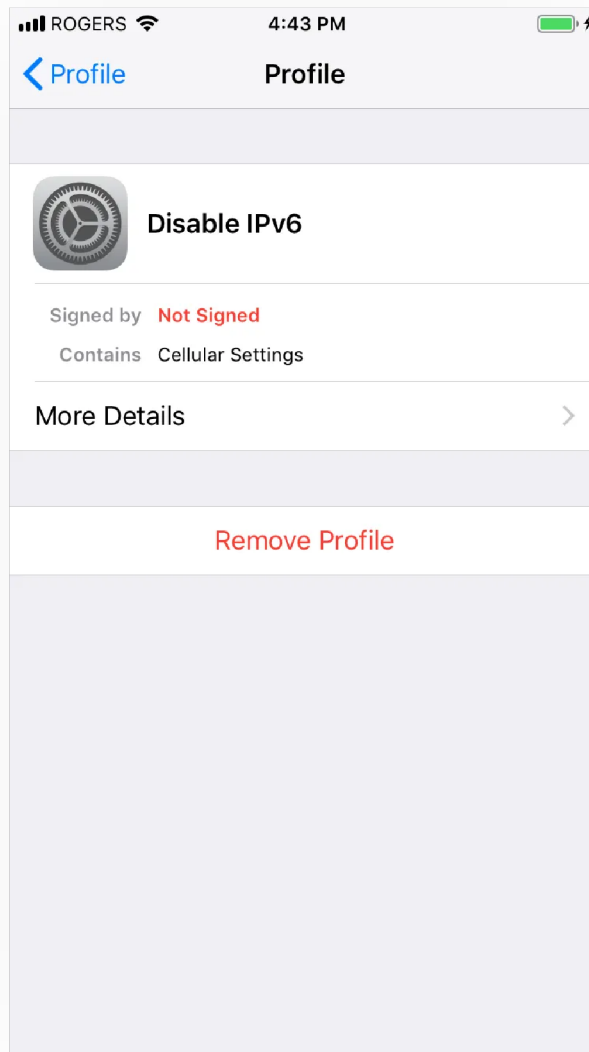
...



Want things back the way they were before following this guide? No problem!

Step 1 (on iPhone): remove provisioning profile

Open "Settings", then "General", then "Profile", and tap provisioning profile, then "Remove Profile".



Step 2 (on Mac): set network interfaces to automatic

```
networksetup -setv6automatic "Wi-Fi"  
networksetup -setv6automatic "iPhone USB"  
networksetup -setv6automatic "Thunderbolt Ethernet"
```



Contributors:  **Sun Knudsen**

Wish to contribute or need help? Read the **docs**.

