


Local Network Privacy FAQ

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I regularly get asked questions about local network privacy. This is my attempt to collect together the answers for the benefit of all. Before you delve into the details, familiarise yourself with the basics by watching WWDC 2020 Session 10110 [Support local network privacy in your app](#).

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 12k

Quinn “The Eskimo!” @ Developer Technical Support @ Apple
let myEmail = "eskimo" + "1" + "@" + "apple.com"

Local Network Privacy FAQ

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- FAQ-3 [What operations require the multicast entitlement?](#)
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- FAQ-5 [I've been granted the multicast entitlement; how do I enable it?](#)
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- FAQ-7 [How does local network privacy work with app extensions?](#)
- FAQ-8 [How do I explicitly trigger the local network privacy alert?](#)
- FAQ-9 [How do I tell whether I’ve been granted local network access?](#)
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- FAQ-12 [Can I test on the simulator?](#)
- FAQ-13 [Once my app has displayed the local network privacy alert, how can I reset its state so that it shows again?](#)
- FAQ-14 [How do I map my Multipeer Connectivity service type to an entry in the Bonjour services property?](#)
- FAQ-15 [My app presents the local network privacy alert unexpectedly. Is there a way to track down the cause?](#)
- FAQ-16 [On a small fraction of devices my app fails to present the local network privacy alert. What’s going on?](#)
- FAQ-17 [Why does local network privacy get confused when I install two variants of my app?](#)

Revision History

- **2023-09-14** Added FAQ-17.
- **2023-08-29** Added FAQ-16.
- **2023-03-13** Added connecting a UDP socket to FAQ-2.
- **2022-10-04** Added screen shots to FAQ-11.
- **2022-09-22** Fixed the pointer from FAQ-9 to FAQ-10.
- **2022-09-19** Updated FAQ-3 to cover iOS 16 changes. Made other minor editorial changes.
- **2020-11-12** Made a minor tweak to FAQ-9.
- **2020-10-17** Added FAQ-15. Added a second suggestion to FAQ-13.
- **2020-10-16** First posted.

CFNetwork

Network


Bonjour

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Posted 3 years ago by   eskimo 

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