

Local Network Privacy FAQ



This thread has been locked. Questions are automatically locked after two months of inactivity, or sooner if deemed necessary by a moderator.



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.

2.1k

Share and Enjoy

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

Local Network Privacy FAQ

- FAQ-1 What is a local network?
- FAQ-2 What operations require local network access?
- FAQ-3 What operations require the multicast entitlement?
- FAQ-4 Do I need the multicast entitlement?
- FAQ-5 I've been granted the multicast entitlement; how do I enable it?
- FAQ-6 Can App Clips access the local network?
- 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?
- FAQ-10 How do I use the unsatisfied reason property?
- FAQ-11 Do I need a local network usage description property?
- 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?

Change history

- 16 Oct 2020 First posted.
- 17 Oct 2020 Added FAQ-15. Added a second suggestion to FAQ-13.
- 12 Nov 2020 Made a minor tweak to FAQ-9.

Asked 4 months ago by eskimo CFNetwork Network Bonjour

Reply to this question

This site contains user submitted content, comments and opinions and is for informational purposes only. Apple disclaims any and all liability for the acts, omissions and conduct of any third parties in connection with or related to your use of the site. All postings and use of the content on this site are subject to the Apple Developer Forums Participation Agreement.

Developer Apple Developer Forums Distribute Support Discover Design Develop Human Interface Guidelines Developer Program Articles macOS Xcode iOS Resources Swift App Store Developer Forums Videos watchOS Swift Playgrounds App Review Feedback & Bug Reporting tvOS Apple Design Awards TestFlight Mac Software System Status Safari and Web Fonts Documentation Apps for Business Contact Us Safari Extensions Accessibility Videos Games Account Business Internationalization Downloads Marketing Resources Certificates, Identifiers & Trademark Licensing Education Accessories Profiles WWDC App Store Connect

To view the latest developer news, visit News and Updates.