Fetching the Notary Log

⚠ This thread has been locked by a moderator.

⊙ 243

I regularly help developers with notarisation and trusted execution problems. The notary log is a critical tool for debugging such problems, and so I figured I should post instructions on how to fetch it.

If you have comments or questions about this, start a new thread and tag it with *Notarization* so that I see it.

Share and Enjoy

—

Quinn "The Eskimo!" @ Developer Technical Support @ Apple

`let myEmail = "eskimo" + "1" + "@" + "apple.com"`

Fetching the Notary Log

The notary log is a key tool for debugging notarisation and trusted execution issues. Review the log:

- When notarisation fails, for information as to what's wrong
- When notarisation succeeds, to check for warnings
- If you encounter a trusted execution problem, to confirm that all your code was included in the notarised ticket

The way to fetch the log depends on how you notarised your product.

Reveal the Notary Log in Xcode

If you notarised your app with Xcode, reveal the notary log as follows:

1. Go to the Xcode organiser.
2. Select the archive that you notarised.
3. Click Show Status Log.
4. Find the "Ready to distribute" or "Package Invalid" item and click the small arrow next to it.
5. That reveals the notary log, a file called `audit.log`, in the Finder.

Fetch the Notary Log with notarytool

If you notarise your product from the command-line using `notarytool`, use the `log` subcommand to fetch the notary log:

```
% xcrun notarytool log CREDENTIALS REQUEST_UUID
```

where:

- `CREDENTIALS` is your notary service credentials, the same credentials you used to submit your request
- `REQUEST_UUID` is the UUID printed by `notarytool` when you submitted your request.

Fetch the Notary Log with altool

If you notarise your product from the command-line using `altool`, first run the `--notarization-info` subcommand to get the notary log URL:

```
% xcrun altool CREDENTIALS --notarization-info REQUEST_UUID
…
    LogFileURL: https://osxapps-ssl.itunes.apple.com/itunes-assets/Enigma…
…
```

where:

- `CREDENTIALS` is your notary service credentials, the same credentials you used to submit your request
- `REQUEST_UUID` is the UUID printed by `notarytool` when you submitted your request.

In the output the URL next to `LogFileURL` is the notary log URL. Use your HTTP client of choice to fetch that URL. For example:

```
% curl "https://osxapps-ssl.itunes.apple.com/itunes-assets/Enigma…"
```

The notary log URL has a limited lifetime, so fetch the log immediately after getting the URL. If the URL is too old, more than a day or so, use `--notarization-info` to fetch a new URL.

IMPORTANT `altool` has been deprecated for the purposes of notarisation. Switch to `notarytool`; it's better, stronger, and faster. For the details, see WWDC 2021 Session 10261 [Faster and simpler notarization for Mac apps](#).

`Notarization`

Reply   Posted 5 months ago by ⬤ 👤 eskimo ⬀

Add a Comment

 Developer > Forums

Platforms
iOS
iPadOS
macOS
tvOS
watchOS

Tools
Swift
SwiftUI
SF Symbols
Swift Playgrounds
TestFlight
Xcode
Xcode Cloud

Topics & Technologies
Accessibility
Accessories
App Extensions
App Store
Audio & Video
Augmented Reality
Business
Design
Distribution
Education
Fonts
Games
Health & Fitness
In-App Purchase
Localization
Maps & Location
Machine Learning
Security
Safari & Web

Resources
Documentation
Curriculum
Downloads
Forums
Videos

Support
Support Articles
Contact Us
Bug Reporting
System Status

Account
Apple Developer
App Store Connect
Certificates, IDs, & Profiles
Feedback Assistant

Programs
Apple Developer Program
Apple Developer Enterprise Program
App Store Small Business Program
MFi Program
News Partner Program
Video Partner Program
Security Bounty Program
Security Research Device Program

Events
App Accelerators
App Store Awards
Apple Design Awards
Apple Developer Academies
Entrepreneur Camp
Tech Talks
WWDC