

Local Network Privacy FAQ-10

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This post is part of the [Local Network Privacy FAQ](#).

How do I use the unsatisfied reason property?

1.7k

The basic idea is to create an `NWConnection` for the local network address you’re trying to communicate with. If the connection goes through, you know that you have local network access. If the connection stalls in the `.waiting(_:)` state, you can look at the current path to see whether it’s waiting for local network access. For example:

```
1 connection.stateUpdateHandler = { latestState in
2     switch connection.state {
3     case .waiting(_):
4         if case .localNetworkDenied? = connection.currentPath?.unsatisfiedReason {
5             ... no local network access ...
6         }
7     ... other states ...
8     }
9 }
```

You can also use a path update handler to watch for changes:

```
1 connection.pathUpdateHandler = { latestPath in
2     switch latestPath.status {
3     case .unsatisfied:
4         switch latestPath.unsatisfiedReason {
5         case .localNetworkDenied:
6             ... no local network access ...
7         ... handle other cases ...
8         }
9     ... handle other statuses ...
10    }
11 }
```

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Reply

Posted 1 year ago by eskimo

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