socketio / socket.io-client-swift

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SocketIOClient: Handling event: error with data: ["Invalid SSL certificate"] #1045   New issue

⊘ Closed   Nag91777 opened this issue on 21 Jun 2018 · 5 comments

Nag91777 commented on 21 Jun 2018   ···

Question is regarding Invalid SSL Certificate. I have been trying to connect to Websocket using SocketIOClient. But getting "Invalid SSL certificate" issue. The code used to connect Socket is

import UIKit
import SocketIO
class SocketIOManager: NSObject, URLSessionDelegate {

```
    static let shared = SocketIOManager()
    var socket: SocketIOClient!

    func socketConnect() {

        let token = "gggggggg" //some token
        let url  = URL(string: "https://sample.com") // some https url
        let specs: SocketIOClientConfiguration = [
            .connectParams(["access_token": token]),
            .log(true),
            .forceNew(true),
            .selfSigned(true),
            .forcePolling(true),
            .secure(true),
            .reconnects(true),
            .forceWebsockets(true),
            .reconnectAttempts(3),
            .reconnectWait(3),
            .security(SSLSecurity(usePublicKeys: true)),
            .sessionDelegate(self),
            ]
        socket = SocketIOClient(socketURL: url!, config: specs)

        socket.on(clientEvent: .connect) {data, ack in
            print("socket connected")
            self.socket.emitWithAck("emit", with: []).timingOut(after: 2, callback: { (data) in
                print(data)
            })
        }

        socket.on("fetch") { (dataArray, ack) in
            print(dataArray)
        }

        socket.on(clientEvent: .error) {data, ack in
            print(data)
        }

        socket.on(clientEvent: .disconnect) {data, ack in
            print(data)
        }

        socket.onAny { (data) in
            // print(data)
        }

        socket.connect()

    }

    func urlSession(_ session: URLSession, didReceive challenge: URLAuthenticationChallenge, completionHandler: @escaping (URL

        completionHandler(.useCredential, URLCredential(trust: challenge.protectionSpace.serverTrust!))
    }

    func urlSession(_ session: URLSession, didBecomeInvalidWithError error: Error?) {
        // We've got an error
        if let err = error {
            print("Error: \(err.localizedDescription)")
        } else {
            print("Error. Giving up")
        }
    }
```

}

nuclearace commented on 25 Jun 2018   Member   ···

Make sure you're properly handling your session delegate methods to handle your cert.

⊘ **nuclearace** closed this on 25 Jun 2018

Nag91777 commented on 25 Jun 2018   Author   ···

I don't have an SSL Certificate. But other Socket IO clients are accessing without SSL Certificate, like Android and Javascript with default SSL Configuration.

nuclearace commented on 25 Jun 2018   Member   ···

You should look into Apple's security requirements, they're pretty strict for production apps.

Some reading:
handling challenges
General security for networking on page 36 specifically the App Transport Security section.

Nag91777 commented on 26 Jun 2018   Author   ···

Hi Nuclearace, I followed all the session delegate methods as per Apple documentation, still we are facing the same issue.
My question is do we need to insert any SSL Certificate that is provided by client or do we need to generate a Certificate and insert it.

czbalazs commented on 12 Feb 2019   ···

@Nag91777 Have you managed to solve the issue? If so, could you please give me some insights?

Assignees
No one assigned

Labels
None yet

Projects
None yet

Milestone
No milestone

Linked pull requests
Successfully merging a pull request may close this issue.
None yet

3 participants