

網路安全練習主機與電文資訊

主機URL: "http://class.softarts.cc/AppSecurity/encryptData.json"
Package 加密 Key: "zaqlxsw2cde3vfr4"
Password 加密 Key Prefix: "1qaz2wsx"

Exception Domains 設定 Key 值

NSExceptionAllowsInsecureHTTPLoads
NSIncludesSubdomains

UDID登記表

[UDID登記表](#)

Data+RNCrypt.swift (0811 1450)

```
//  
// Data+RNCryptor.swift  
// HelloMySecureApp  
//  
// Created by Kent Liu on 2018/8/11.  
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//  
  
import Foundation  
import RNCryptor  
  
extension Data {  
    func decrypt(key: String) -> Data? {  
        // Convert base64 encoded data to original data  
        guard let encryptedData = Data(base64Encoded: self) else {  
            print("Fail to convert base64 to data.")  
            return nil  
        }  
        guard let decryptedData = try? RNCryptor.decrypt(data: encryptedData,  
withPassword: key) else {  
            assertionFailure("Fail to decrypt.")  
            return nil  
        }  
        return decryptedData  
    }  
    func decryptToString(key: String) -> String? {  
        guard let data = decrypt(key: key) else {  
            return nil  
        }  
        return data  
    }  
}
```

```
}
guard let string = String(data: data, encoding: .utf8) else {
    print("Fail to convert data to string.")
    return nil
}
return string
}
```

DataProtection練習憑證

僅支援有登記UDID的裝置. [憑證下載](#)

Bundle ID: com.kent.dataprotectiondemo
P12密碼: 1qaz2wsx

假 Pinning Hash

```
"AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA=",
"BBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBBB="
```

main.swift 預設內容

```
import Foundation
import UIKit

autoreleasepool {
    UIApplicationMain(
        CommandLine.argc,
        UnsafeMutableRawPointer(CommandLine.unsafeArgv)
            .bindMemory(
                to: UnsafeMutablePointer<Int8>.self,
                capacity: Int(CommandLine.argc)),
        nil,
        NSStringFromClass(AppDelegate.self) //Or your class name
    )
}
```

Objective-C 混淆方式參考

[codeobscure ZMConfuse](#)

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