iOS https证书到AFN3.x配置再到成功访问

所有功劳, 归属网络.

1、从服务器要证书

版本

NSExceptionDomains = "www.baidu.com" =

一般服务器的证书是pem格式的,我们需要cer格式的证书。需要转下

(http://blog.csdn.net/linda1000/article/details/8676330) 我这的命令是:

TS Dictionary:

```
看看服务器都支持 什么版本ATS
```

例如: nscurl --ats-diagnostics --verbose https://www.baidu.com

openssl x509 -in <你的服务器证书>.pem -outform der -out server.cer

```
nscurl --ats-diagnostics --verbose https:<你的服务器域名>
```

```
TLSv1.2
ATS Dictionary:
   NSExceptionDomains
       "www.baidu.com" =
                                                   info.plist 可以配置的
          NSExceptionMinimumTLSVersion = "TLSv1.2";
       };
                                                   版本
   };
                 说明是可以用的
       PASS
Result:
LSv1.1
```

```
};
   };
esult : PASS
 LSv1.0
TS Dictionary:
   NSExceptionDomains =
        "www.baidu.com" =
           NSExceptionMinimumTLSVersion =
                                           TLSv1.0";
       };
   };
Result : PASS
看看 不能设置的版本
```

NSExceptionMinimumTLSVersion = "TLSv1

NSExceptionDomains =

ATS Dictionary:

TLSv1.0 with PFS disabled

```
NSExceptionMinimumTLSVersion = "TLSv1.0";
           NSExceptionRequiresForwardSecrecy = false;
    };
Result : PASS
                          我的服务器只支持 这-
Configuring TLS exceptions with PFS disabled and insecure HTTP allowed for
TLSv1.2 with PFS disabled and insecure HTTP allowed
ATS Dictionary:
    NSExceptionDomains =
            NSExceptionAllowsInsecureHTTPLoads = true;
           NSExceptionMinimumTLSVersion = "TLSv1.2";
            NSExceptionRequiresForwardSecrecy = false;
        };
    };
2016-12-19 09:56:58.602 nscurl[1115:17398] NSURLSession/NSURLConnection HTTP load failed (kCFS
treamErrorDomainSSL, -9824)
Result : FAIL
Error: Error Domain=NSURLErrorDomain Code=-1200 "An SSL error has occurred and a secure conne 🗗
ction to the server cannot be made." UserInfo={_kCFStreamErrorCodeKey=-9824, NSLocalizedRecove
rySuggestion=Would you like to connect to the server anyway?, NSUnderlyingError=0x7fd808c4bc70
3、设置xcode info.plist
```

Dictionary

Dictionary

Boolean

Boolean

例如 baidu.com^{pictionary}

(2 items)

(8 items)

(3 items)

YES

YES

YES

NSIncludesSubdomains NSTemporaryExceptionAllow...

App Transport Security Settings

Allow Arbitrary Loads

Exception Domains

```
Boolean
              NSTemporaryExceptionMini...
                                                        TLSv1.0
                                           String
          log.umsns.com
                                           Dictionary
                                                         (3 items)
                                                      (3 items)
          sina.com.cn
                                     Dictionary
                                           Dictionary
                                                        (3 items)
          sinaimg.cn
          sinajs.cn
                                           Dictionary
                                                        (3 items)
          sns.whalecloud.com
                                           Dictionary
                                                        (3 items)
          weibo.cn
                                           Dictionary
                                                        (3 items)
          weibo.com
                                                        (4 items)
                                           Dictionary
4、工程代码设置
                                         (target必须选中)
导入xxx⋅cer 一定要 3个对勾哦!
489
490
   + (AFHTTPSessionManager *)shareHttpClient {
491
       static dispatch_once_t onceToken;
492
       dispatch_once(&onceToken, ^{
           NSURLSessionConfiguration * configuration = [NSURLSessionConfiguration
493
               defaultSessionConfiguration];
           managerClient = [[AFHTTPSessionManager alloc] initWithBaseURL:[NSURL
```

URLWithString:SERVER URL] sessionConfiguration:configuration]; managerClient.requestSerializer.timeoutInterval = HTTPtimeoutInterval;

managerClient.responseSerializer.acceptableContentTypes = [NSSet

setWithObjects:@"application/json",@"text/json",@"",@"text/html", nill 497 //创建安全策略对象 498 AFSecurityPolicy * security = [AFSecurityPolicy policyWithPinningMode:

494

495 496

156

157 158

159

160

161

162 163

}

```
AFSSLPinningModeCertificate]; //设置证书(afn会自动检查工程中是否包含cer证书)
499
           security.allowInvalidCertificates = YES; // 由于是自签证证书 afnnetworking
               会认为是无效的 设置为允许
500
           security.validatesDomainName = NO; //验证证书绑定的域
501
             securityPolicy.va = N0;
502
503
            [managerClient setSecurityPolicy:security];
504
505
506
507
508
       });
509
       return managerClient;
510
   }
然后根据自己的情况 封装 post get请求。
你会问我: 证书呢?配置了没? 多个证书 怎么配置?
                        AFNetworking > AFNetworking > AFSecurityPolicy.m > M +policyWithPinningMode:
                                                                                < 1
148
149
    + (NSSet *)certificatesInBundle:(NSBundle *)bundle {
        NSArray *paths = [bundle pathsForResourcesOfType:@"cer" inDirectory:@"."];
150
151
152
        NSMutableSet *certificates = [NSMutableSet setWithCapacity:[paths count]];
        for (NSString *path in paths) { 所有证书格式的, AFN以帮你全部加载
153
            NSData *certificateData = [NSData dataWithContentsOfFile:path];
154
            [certificates addObject:certificateData];
155
```

return [NSSet setWithSet:certificates];

static NSSet *_defaultPinnedCertificates = nil;

+ (NSSet *)defaultPinnedCertificates {

所有功劳都在 1的方法里

```
static dispatch_once_t onceToken;
164
       dispatch_once(&onceToken, ^{
           NSBundle *bundle = [NSBundle bundleForClass:[a
165
           _defaultPinnedCertificates = [self certific
166
       });
167
168
       return _defaultPinnedCertificates;
169
    }
170
171
    + (instancetype)defaultPolicy {
172
       AFSecurityPolicy *securityPolicy = [[self alloc] init];
173
       securityPolicy.SSLPinningMode = AFSSLPinningModeNone;
174
175
176
       return securityPolicy;
    }
177
178
179
      (instancetype)policyWithPinningMode:(AFSSLPinningMode)pinningMode {
180
        return [self policyWithPinningMode:pinningMode withPinnedCertificates:[self
           defaultPinnedCertificates]];
181
     SDWebImage 访问https。
这个百度哪里都有的,就一个 枚举类型
据
                             🚞 SDWeblmage \rangle 🖍 SDWeblmageManager.h \rangle No Selection
 45
          SDWebImageRefreshCached = 1 << 4,
 46
 47
 48
          /**
           * In iOS 4+, continue the download of the image if th
 49
                This is achieved by asking the system for
           * extra time in background to let the request finish.
 50
                expires the operation will be cancelled.
 51
           */
          SDWebImageContinueInBackground = 1 << 5,</pre>
 52
```

* Handles cookies stored in NSHTTPCookieStore by sett

* Useful for testing purposes. Use with caution in pr

* NSMutableURLRequest.HTTPShouldHandleCookies = YES;

* Enable to allow untrusted SSL certificates.

SDWebImageAllowInvalidSSLCertificates = 1 << 7,</pre>

```
/**
66
        * By default, images are loaded in the order in which
67
            flag moves them to
```

* the front of the queue.

SDWebImageHighPriority = 1 << 8,

SDWebImageHandleCookies = 1 << 6,</pre>

<u>srxboys</u>

53 54

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56

57

58 59

60

61

62 63

64 65

68 69

70 71 72 **/****

*/

/**

*/

/**