# 启用 OCSP Stapling 加速 HTTPS

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Exported on 12/21/2019

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# 1 1. 适用场景:

#### 2 2. 插件添加

- 1. 添加配置项 ocsp-mod,内容较大,请从附件  $[ocsp-mod^1]$  获取;
- 2. 添加配置项 ocsp-patch, 内容:

```
let TlsServer = rf.require('tls').Server;
if (TlsServer.__ocsp_patched) return;
(function (patch, Server) {
 Server.__ocsp_patched = true;
 const mod = { exports: {} };
 new Function('require', 'module', 'exports', patch)(rf.require, mod, mod.exports);
 const ocsp = mod.exports;
 const ocspCache = new ocsp.Cache();
 let listen = TlsServer.prototype.listen;
 Server.prototype.listen = function () {
    this.on('OCSPRequest', (cert, issuer, cb) => {
     ocsp.getOCSPURI(cert, (err, url) => {
       if (err) return cb(err);
        if (url === null) return cb(null, null);
        const req = ocsp.request.generate(cert, issuer);
        ocspCache.probe(req.id, (err, cached) => {
         if (err) return cb(err);
         if (cached !== false) return cb(null, cached.response);
         ocspCache.request(req.id, { url, ocsp: req.data }, cb);
       });
     });
    });
    return listen.apply(this, arguments);
})(rf.getConfig('ocsp-mod'), TlsServer);
```

<sup>1</sup> https://rio-1257279223.cos.ap-guangzhou.myqcloud.com/temp/ocsp-mod.js

## 3 3.注意事项

- 1. 添加该插件后需要重启网关才能生效;
- 2. 添加了该插件的智能网关需要有访问互联网的权限。
- 3. 可通过 openssl 测试结果:openssl s\_client -connect *域名*:443 -servername *域名* -status -tlsextdebug -tls1\_2