

第一步：安装nginx软件（当前系统红帽7.6）

```
rpm -Uvh http://nginx.org/packages/centos/7/noarch/RPMS/nginx-release-centos-7-0.el7.ngx.noarch.rpm
```

```
yum install -y nginx
```

```
which nginx
```

```
/usr/sbin/nginx
```

第二步：配置nginx

在配置前先创建一个目录用于存放nginx服务器的证书文件，这个证书文件是通过nginx服务器的域名生成的，例如我这里的nginx服务器的域名为tencent.cdhwdl.com（域名的证书可以去腾讯云SSL证书产品下申请）

```
mkdir -p /etc/nginx/ssl_key
```

配置nginx的服务配置文件

```
find / -name nginx.conf
```

```
vi /etc/nginx/nginx.conf
```

```
cat /etc/nginx/nginx.conf
```

```
user    nginx;
```

```
worker_processes 1;
```

```
error_log  /var/log/nginx/error.log warn;
```

```
pid        /var/run/nginx.pid;
```

```
events {  
    worker_connections 1024;  
}
```

```
http {  
    include       /etc/nginx/mime.types;  
    default_type application/octet-stream;
```

```
    log_format  main  '$remote_addr - $remote_user [$time_local] "$request" '  
                      '$status $body_bytes_sent "$http_referer" '  
                      '"$http_user_agent" "$http_x_forwarded_for"';
```

```
    access_log  /var/log/nginx/access.log  main;
```

```

    sendfile          on;
    #tcp_nopush      on;

    keepalive_timeout 65;

    #gzip  on;

    include /etc/nginx/conf.d/*.conf;

server {
    listen 443 ssl;
    server_name tencent.cdhwdl.com;

    #charset koi8-r;
    ssl_certificate /etc/nginx/ssl_key/ten.crt;  #nginx服务器域名的
    证书公钥，在腾讯云申请（目录自行创建）
    ssl_certificate_key /etc/nginx/ssl_key/ten.key; #nginx服务器域
    名的证书私钥，在腾讯云申请
    ssl_protocols TLSv1 TLSv1.1 TLSv1.2; #按照这个协议配置
    ssl_ciphers ECDHE-RSA-AES128-GCM-
    SHA256:HIGH:!aNULL:!MD5:!RC4:!DHE;
    ssl_prefer_server_ciphers on;

    #access_log logs/host.access.log main;

    location / {
        proxy_pass https://iai.tencentcloudapi.com;
        root   html;
        index  index.html index.htm;
    }
}

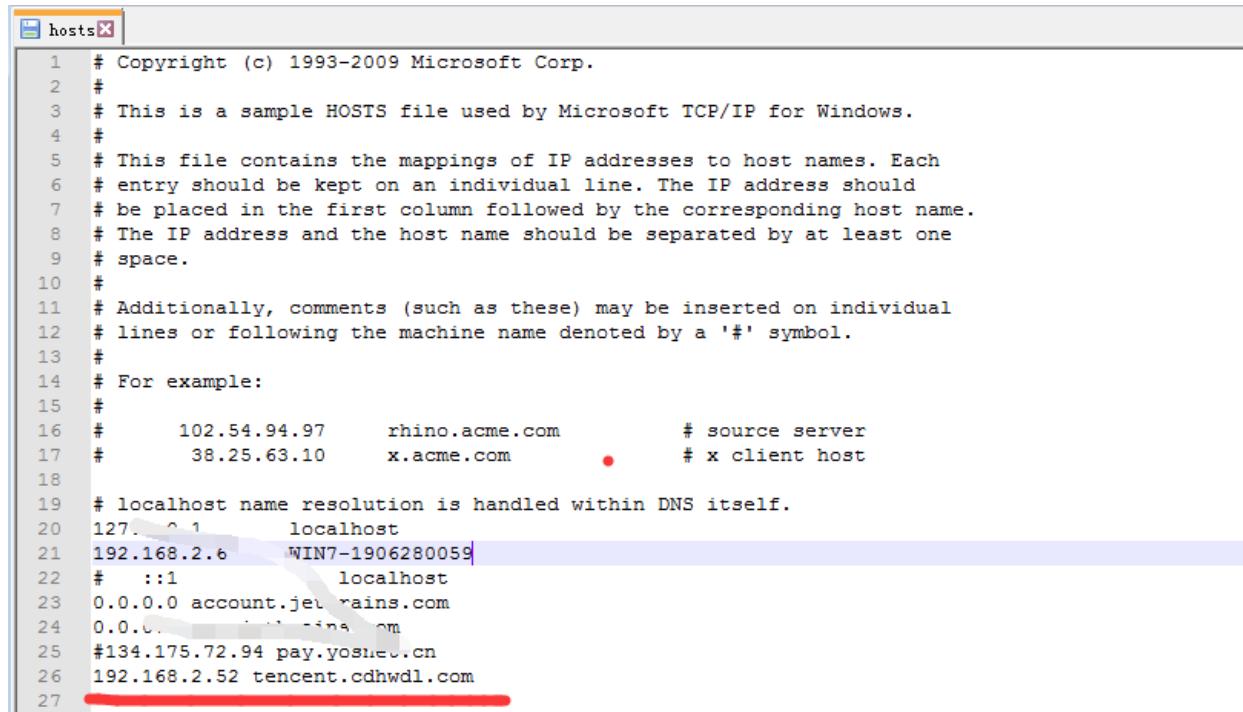
```

第三步：重启nginx

重启nginx

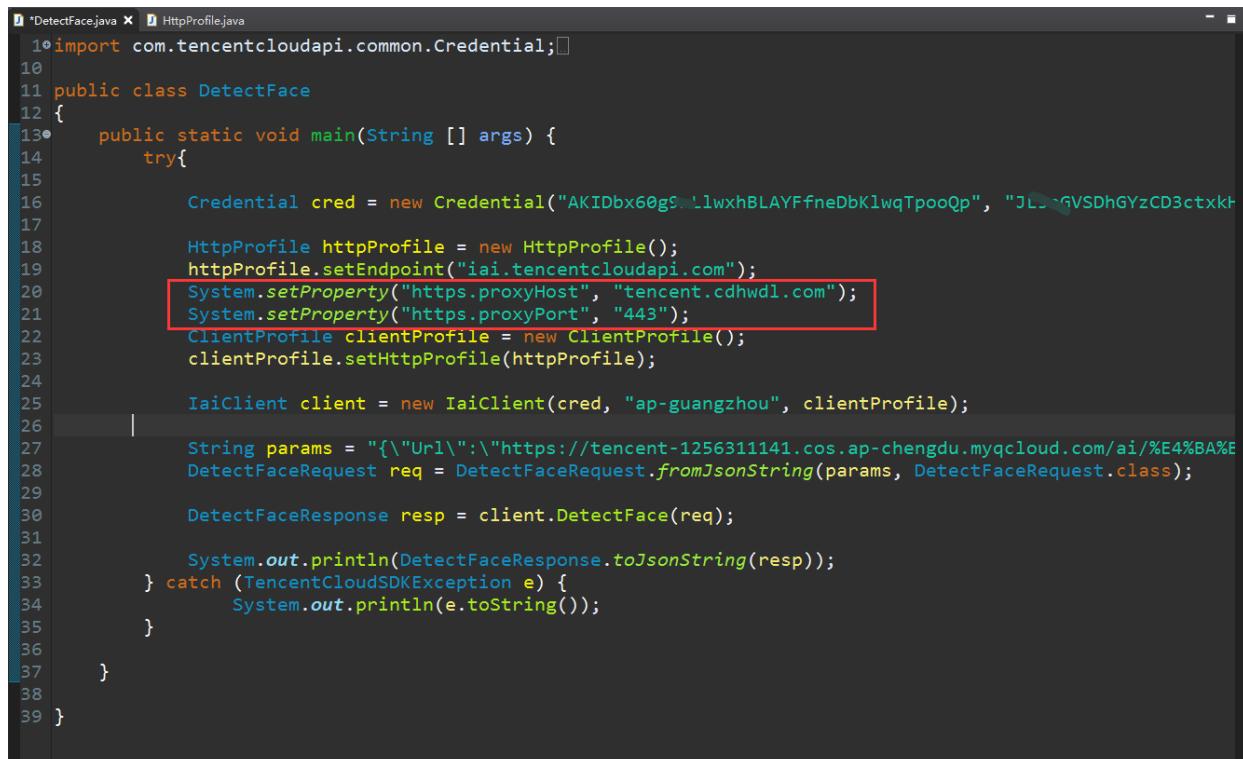
systemctl restart nginx

第四步：Windows测试端配置hosts解析到代理服务器，这里nginx代理服务器的IP是192.168.2.52，属于局域网（与客户的常规内网环境相似）



```
hosts
1 # Copyright (c) 1993-2009 Microsoft Corp.
2 #
3 # This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
4 #
5 # This file contains the mappings of IP addresses to host names. Each
6 # entry should be kept on an individual line. The IP address should
7 # be placed in the first column followed by the corresponding host name.
8 # The IP address and the host name should be separated by at least one
9 # space.
10 #
11 # Additionally, comments (such as these) may be inserted on individual
12 # lines or following the machine name denoted by a '#' symbol.
13 #
14 # For example:
15 #
16 #      102.54.94.97      rhino.acme.com          # source server
17 #              38.25.63.10      x.acme.com           # x client host
18 #
19 # localhost name resolution is handled within DNS itself.
20 127.0.0.1      localhost
21 192.168.2.6    WIN7-1906280059
22 # ::1           localhost
23 0.0.0.0 account.jet.rains.com
24 0.0.0.0        .rains.com
25 #134.175.72.94 pay.yoshei.cn
26 192.168.2.52  tencent.cdhwdl.com
27
```

第五步：Windows端启动eclipse并安装tencentcloud-sdk-java然后运行配置了系统代理的API Demo



```
DetectFace.java X HttpProfile.java
1 import com.tencentcloudapi.common.Credential;
2
3 public class DetectFace {
4     public static void main(String [] args) {
5         try{
6             Credential cred = new Credential("AKIDbx60gSmlwxhBLAYFfneDbKlwqTpooQp", "JLJGVSDhGYzCD3ctxkF");
7             HttpProfile httpProfile = new HttpProfile();
8             httpProfile.setEndpoint("iai.tencentcloudapi.com");
9             System.setProperty("https.proxyHost", "tencent.cdhwdl.com");
10            System.setProperty("https.proxyPort", "443");
11            ClientProfile clientProfile = new ClientProfile();
12            clientProfile.setHttpProfile(httpProfile);
13
14            IaiClient client = new IaiClient(cred, "ap-guangzhou", clientProfile);
15
16            String params = "{\"Url\":\"https://tencent-125631141.cos.ap-chengdu.myqcloud.com/ai/%E4%BA%";
17            DetectFaceRequest req = DetectFaceRequest.fromJsonString(params, DetectFaceRequest.class);
18
19            DetectFaceResponse resp = client.DetectFace(req);
20
21            System.out.println(DetectFaceResponse.toJsonString(resp));
22        } catch (TencentCloudSDKException e) {
23            System.out.println(e.toString());
24        }
25    }
26
27 }
```

```
 DetectFace.java x HttpProfile.java
1 import com.tencentcloudapi.common.Credential;
2
3 public class DetectFace
4 {
5     public static void main(String [] args) {
6         try{
7
8             Credential cred = new Credential("AKIDbx60g9mLlwxi...","YFneDhKlwaTpo0Op", "JL5oGVSDhGYzCD3ctxkHVVM8c
9
10            HttpProfile httpProfile = new HttpProfile();
11            httpProfile.setEndpoint("iai.tencentcloudapi.com");
12            System.setProperty("https.proxyHost", "tencent.cdhwdl.com");
13            System.setProperty("https.proxyPort", "443");
14            ClientProfile clientProfile = new ClientProfile();
15            clientProfile.setHttpProfile(httpProfile);
16
17            IaiClient client = new IaiClient(cred, "ap-guangzhou", clientProfile);
18
19            String params = "{\"Url\":\"https://tencent-1256311141.cos.ap-chengdu.myqcloud.com/ai/%E4%BA%BA%E8%
20            DetectFaceRequest req = DetectFaceRequest.fromJsonString(params, DetectFaceRequest.class);
21
22            DetectFaceResponse resp = client.DetectFace(req);
23
24            System.out.println(DetectFaceResponse.toJsonString(resp));
25        } catch (TencentCloudSDKException e) {
26            System.out.println(e.toString());
27        }
28    }
29
30
31
32
33
34
35 }
```

Console x
terminated> DetectFace [Java Application] D:\soft\jdk-12.0.1\bin\javaw.exe (2020年9月4日 上午8:20:50)

{"ImageWidth":1080,"ImageHeight":1440,"FaceInfos":[{"X":-38,"Y":1,"Width":1017,"Height":1387,"FaceAttributesInfo":{}}

示例Demo



DetectFace.java

1.64KB