

Nginx通过https来代理Confluence

场景

通过在nginx中增加ssl证书认证，并将客户的请求转发到JIRA中。JIRA中无需再配置认证证书。

在以下配置过程中，我们假定需要进行的配置上下文文件为

Confluence人访问地址为：<http://confluence.hktxcn.com> 现需要通过https来进行访问，即地址为：<https://confluence.hktxcn.com>

- Confluence的IP地址为： 10.10.1.1 端口号为8090
- Nginx的IP地址为： 20.20.1.1 端口号为80

信息来源

<https://confluence.atlassian.com/doc/running-confluence-behind-nginx-with-ssl-858772080.html>

步骤一：修改配置文件server.xml

```
<Server port="8000" shutdown="SHUTDOWN" debug="0">
  <Service name="Tomcat-Standalone">
    <!--
      =====
      DEFAULT - Direct connector with no proxy, for unproxied HTTP
      access to Confluence.

      If using a http/https proxy, comment out this connector.
      -->

    <!-- 需要将以下内容进行屏蔽-->

    <Connector port="8090" connectionTimeout="20000" redirectPort="
8443"
      maxThreads="48" minSpareThreads="10"
      enableLookups="false" acceptCount="10" debug="0" URIEncoding="
UTF-8"
      protocol="org.apache.coyote.http11.Http11NioProtocol"/>

    <!--

    =====
    HTTP - Proxying Confluence via Apache or Nginx over HTTP

    If you're proxying traffic to Confluence over HTTP, uncomment
    the connector below and comment out the others.
    Make sure you provide the right information for proxyName and
    proxyPort.

    For more information see:
    Apache - https://confluence.atlassian.com/x/4xQLM
    nginx - https://confluence.atlassian.com/x/TgSvEg

    -->

    <!--
    <Connector port="8090" connectionTimeout="20000" redirectPort="
8443"
      maxThreads="48" minSpareThreads="10"
      enableLookups="false" acceptCount="10" debug="0" URIEncoding="
UTF-8"
      protocol="org.apache.coyote.http11.Http11NioProtocol"
      scheme="http" proxyName="<subdomain>.<domain>.com" proxyPort="
80"/>
    -->

    <!--
    =====
    HTTPS - Direct connector with no proxy, for unproxied HTTPS
    access to Confluence.

    For more info see https://confluence.atlassian.com/x/s3UC
```

```
<Server port="8000" shutdown="SHUTDOWN" debug="0">
  <Service name="Tomcat-Standalone">
    <!--
      =====
      DEFAULT - Direct connector with no proxy, for unproxied HTTP
      access to Confluence.

      If using a http/https proxy, comment out this connector.
      -->

    <!-- 需要将以下内容进行屏蔽-->

    <!--
    <Connector port="8090" connectionTimeout="20000" redirectPort="
8443"
      maxThreads="48" minSpareThreads="10"
      enableLookups="false" acceptCount="10" debug="0" URIEncoding="
UTF-8"
      protocol="org.apache.coyote.http11.Http11NioProtocol"/>

    -->
```

```
<!--
<Connector port="8443" maxHttpHeaderSize="8192"
maxThreads="150" minSpareThreads="25"
protocol="org.apache.coyote.http11.Http11Nio2Protocol"
enableLookups="false" disableUploadTimeout="true"
acceptCount="100" scheme="https" secure="true"
clientAuth="false" sslProtocol="TLSv1.2" sslEnabledProtocols="
TLSv1.2" SSLEnabled="true"
URIEncoding="UTF-8" keystorePass="<MY_CERTIFICATE_PASSWORD>"/>
-->
```

```
<Context path="`${confluence.context.path}`/synchrony-proxy"
docBase="..../synchrony-proxy" debug="0"
reloadable="false" useHttpOnly="true">
<Valve className="org.apache.catalina.valves.
StuckThreadDetectionValve" threshold="60"/>
</Context>
</Host>
</Engine>
</Service>
</Server>
```

```
<Connector port="8090" connectionTimeout="20000" redirectPort="8443"
maxThreads="48" minSpareThreads="10"
enableLookups="false" acceptCount="10" debug="0" URIEncoding="
UTF-8"
protocol="org.apache.coyote.http11.Http11NioProtocol"
scheme="https" secure="true" proxyName="confluence.hktxcn.com"
proxyPort="443"/>
```

	<pre><Engine name="Standalone" defaultHost="localhost" debug="0"> <Host name="localhost" debug="0" appBase="webapps" unpackWARs=" true" autoDeploy="false" startStopThreads="4"> <Context path="" docBase="../confluence" debug="0" reloadable=" false" useHttpOnly="true"> <!-- Logging configuration for Confluence is specified in confluence/WEB-INF/classes/log4j.properties --> <Manager pathname=""/> <Valve className="org.apache.catalina.valves. StuckThreadDetectionValve" threshold="60"/> </Context> <Context path="{confluence.context.path}/synchrony-proxy" docBase="../synchrony-proxy" debug="0" reloadable="false" useHttpOnly="true"> <Valve className="org.apache.catalina.valves. StuckThreadDetectionValve" threshold="60"/> </Context> </Host> </Engine> </Service> </Server></pre>
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第三步

<pre>server { listen confluence.hktxcn.com:80; server_name confluence.hktxcn.com; listen 443 default ssl; ssl_certificate /usr/local/etc/nginx/ssl/nginx.crt; ssl_certificate_key /usr/local/etc/nginx/ssl/nginx.key; ssl_session_timeout 5m; location / { client_max_body_size 100m; proxy_set_header X-Forwarded-Host \$host; proxy_set_header X-Forwarded-Server \$host; proxy_set_header X-Forwarded-For \$proxy_add_x_forwarded_for; proxy_pass http://10.10.1.1:8090; } location /synchrony { proxy_set_header X-Forwarded-Host \$host; proxy_set_header X-Forwarded-Server \$host; proxy_set_header X-Forwarded-For \$proxy_add_x_forwarded_for; proxy_pass http://10.10.1.1:8091/synchrony; proxy_http_version 1.1; proxy_set_header Upgrade \$http_upgrade; proxy_set_header Connection "Upgrade"; } }</pre>	<p>说明</p> <p>ssl_certificate和ssl_certificate_key填写证书存放的地址位置</p> <p>这里指响应超时时间为5分钟</p> <p>将请求转发到 http://10.10.1.1:8090地址上</p> <p>将请求转发到 http://10.10.1.1:8090地址上</p>
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