



黑客派

nginx + tomcat + https

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原文链接: <https://hacpai.com/article/1505210198469>

来源网站: 黑客派

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

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<p>刚才秉着学习的态度， 把自己的 blog 加全站 https .</p>
<script async src="https://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js"></scr
pt>
<!-- 黑客派PC帖子内嵌-展示 -->
<ins class="adsbygoogle" style="display:block" data-ad-client="ca-pub-5357405790190342"
data-ad-slot="8316640078" data-ad-format="auto" data-full-width-responsive="true"></in
>
<script>
  (adsbygoogle = window.adsbygoogle || []).push({});
</script>
<h2 id="环境">环境</h2>
<p>CentOS 7<br> Tomcat 9<br> Java 8<br> Nginx nginx-1.12.1<br> solo-2.1.0</p>
<p>开始什么都是完美的： </p>
<h2 id="申请证书">申请证书</h2>
<h3 id="sslforfree">sslforfree</h3>
<p>本来看的是 <a href="https://link.hacpai.com/forward?goto=https%3A%2F%2Fletsencrypt
org%2F" target="_blank" rel="nofollow ugc">Let's Encrypt</a>， 但是这个还要下载客户端什么
， 找到了个， 基于 Let's Encrypt 的中间商吧 :sweat:<br> <a href="https://link.hacpai.com/forw
rd?goto=https%3A%2F%2Fwww.sslforfree.com" target="_blank" rel="nofollow ugc">sslforfre
</a>： 方便处理好多。 直接跟着走， 申请验证即可。 之后就可以下载证书了， 共三个文件。 两个 cr
文件， 一个 key 文件。</p>
<h2 id="安装nginx">安装 nginx</h2>
<p>原来 blog 是 Tomcat 发布的。 打算改为 nginx + Tomcat</p>
<p>下载 nginx： <a href="https://link.hacpai.com/forward?goto=http%3A%2F%2Fnginx.org%
F" target="_blank" rel="nofollow ugc">地址</a></p>
<pre><code class="language-bat highlight-chroma"> wage http://nginx.org/download/ngi
x-1.12.1.tar.gz
tar -xzf nginx-1.12.1.tar.gz
mv nginx-1.12.1 nginx
<span class="highlight-k">cd</span> nginx
./configure --prefix=/usr/local/nginx --with-http_ssl_module (安装中间报错需要的依赖包)
make
make install
</code></pre>
<p>一气合成</p>
<h2 id="配置nginx">配置 nginx</h2>
<p>nginx.conf:</p>
<pre><code class="language-json highlight-chroma"><span class="highlight-err">upstrea
</span> <span class="highlight-err">backend</span> <span class="highlight-p">{</span>
  <span class="highlight-err">server</span> <span class="highlight-err">localhost:8080;</
pan>
<span class="highlight-p">}</span>
<span class="highlight-err">server</span> <span class="highlight-p">{</span>
  <span class="highlight-err">listen</span> <span class="highlight-err">80;</span>
  <span class="highlight-err">server_name</span> <span class="highlight-err">www.pili
ala.co;</span>
  <span class="highlight-err">return</span> <span class="highlight-err">301</span> <
pan class="highlight-err">https://$server_name$request_uri;</span>
<span class="highlight-p">}</span>
<span class="highlight-err">server</span> <span class="highlight-p">{</span>
  <span class="highlight-err">listen</span> <span class="highlight-err">80;</span>
  <span class="highlight-err">server_name</span> <span class="highlight-err">pilipala.co;
/pan>
  <span class="highlight-err">return</span> <span class="highlight-err">301</span> <sp

```

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n class="highlight-err">https://$server_name$request_uri;</span>
<span class="highlight-p">}</span>
```

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<span class="highlight-err">server</span> <span class="highlight-p">{</span>
<span class="highlight-err">listen</span> <span class="highlight-err">443</span> <span class="highlight-err">ssl;</span>
<span class="highlight-err">server_name</span> <span class="highlight-err">pilipala.co;</span>
<span class="highlight-err">}</span>
</code></pre>
```

```
<script async src="https://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js"></script>
```

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<!-- 黑客派PC帖子内嵌-展示 -->
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<ins class="adsbygoogle" style="display:block" data-ad-client="ca-pub-5357405790190342" data-ad-slot="8316640078" data-ad-format="auto" data-full-width-responsive="true"></ins>
<script>
  (adsbygoogle = window.adsbygoogle || []).push({});
</script>
<h2 id="配置tomcat">配置 Tomcat</h2>
<p>修改 Connector</p>
<pre><code class="language-xml highlight-chroma"><span class="highlight-nt">&lt;Connector</span> <span class="highlight-na">port=</span> <span class="highlight-s">"8080"</span> <span class="highlight-na">protocol=</span> <span class="highlight-s">"HTTP/1.1"</span> <span class="highlight-na">connectionTimeout=</span> <span class="highlight-s">"2000"</span> <span class="highlight-na">redirectPort=</span> <span class="highlight-s">"443"</span> <span class="highlight-na">proxyPort=</span> <span class="highlight-s">"443"</span> <span class="highlight-na">URIEncoding=</span> <span class="highlight-s">"UTF-8"</span>&gt;</code></pre>
<p>修改 Host<br>在 Host 中加入下面代码</p>
<pre><code class="language-xml highlight-chroma"><span class="highlight-nt">&lt;Valve</span> <span class="highlight-na">className=</span> <span class="highlight-s">"org.apache.catalina.valves.RemoteIpValve"</span> <span class="highlight-na">remoteIpHeader=</span> <span class="highlight-s">"x-forwarded-for"</span> <span class="highlight-na">remoteIpProxiesHeader=</span> <span class="highlight-s">"x-forwarded-by"</span> <span class="highlight-na">protocolHeader=</span> <span class="highlight-s">"x-forwarded-proto"</span>&gt;</code></pre>
<h2 id="程序配置文件">程序配置文件</h2>
<p>latke.props</p>
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<pre> <code class="language-bat highlight-chroma">serverScheme=https
serverHost=pilipala.co
serverPort=443
</code> </pre>
```

<p>至此是我的所有配置了。</p>

<p>但是我在访问的时候问题来了：</p>

<p>当你在地址栏输入 pilipala.co 时，你能看网站本来是有小绿色锁的，结果又跳到 https://pilipala.co 但是没有小绿色锁了
 而后台管理页面都是正常的 诸如我现在在文章的页面 https://pilipala.co/amin-index.do#article/article 就是正常显示小锁的，原因不明 求人解答。</p>

<p></p>

<p></p>

<p>可以肯定的是，nginx 应该是没问题的。 当我故意吧 nginx 配置错误的时候输入网址 虽然会报 nginx 配置错误，但小锁是显示了。</p>

<p>预览地址： pilipala.co</p>