

websocket 踩坑

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原文链接: <https://ld246.com/article/1577169631509>

来源网站: [链滴](#)

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

使用技术

- nginx
- spring stomp websocket

遇到的问题

round 1

最开始连接死活建立不上，然后发现是使用了nginx的原因，需要配置一下，转发请求头

```
location /brms-scheduler {
    proxy_pass http://localhost:6061;
    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection "upgrade";
    proxy_set_header Host $Host;
}
```

round 2

但是又遇到了新的问题，老是提醒http session拿不到

因为我需要做到对指定用户进行推送消息，所以在websocket握手阶段需要把http session拿到，然后根据session中的user生成Principal。

我最开始猜测是因为nginx使用了负载均衡，导致http session在A服务器上，但是建立websocket是B服务器上，然而并没有

round 3

最后找了半天还是Stack Overflow的老哥厉害，下面这段话给了我启发

The screenshot shows a Stack Overflow page with one answer. The answer is titled "1 Answer" and has 4 votes. The text of the answer is as follows:

This was a bug in Mojarra and has been reported as among others [issue 2277](#). It's been fixed in Mojarra 2.1.8. [Currently](#) Mojarra 2.1.9 is already available. Just upgrade to latest and this problem should disappear.

The cause is that the session is been created too late on a first request which returns a relatively large page wherein a view or session scoped managed bean is referenced for the first time relatively late in the page. A view or session scoped bean needs to be stored in the session. If the session doesn't exist yet, it needs to be created.

When a session is to be created for the first time, the server [needs](#) to set a cookie in the response header. But this is only possible if the response hasn't been sent (committed) to the client yet. When that has already taken place, then you will face exactly this exception. A part of the response can namely already have been automatically sent when the response buffer has been overflowed, which is usually 2KB, depending on the server configuration. Your page was apparently larger than that buffer size.

The answer is marked as "Accepted" with a green checkmark. The user who asked the question is visible on the left side of the page.

On the right side, there are sections for "Linked" and "Related" questions. The "Linked" section shows a question with 1109 votes and 2 answers. The "Related" section shows a question with 4 votes and 1 answer.

于是我猜测是因为nginx转发太慢了导致http session还没创建完成，就开始进行websocket建立

其实开始的时候我也有过这个怀疑，但是我在本地执行就不会报错，现在回想起来是因为我本地运行速度太快了。。。。

抱着试一试的心态，我将建立websocket的函数延迟了4秒钟执行，结果就OK了！！！妈个鸡