

```
[main] WARN io.netty.bootstrap.ServerBootstrap - Unknown channel option 'TCP_NODELAY' for channel [id: 0xe9c3d22d]
```

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原文链接: <https://ld246.com/article/1645887892688>

来源网站: [链滴](#)

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

先看一段代码

```
public void start() {
    ServerBootstrap serverBootstrap = new ServerBootstrap();

    EventLoopGroup bossGroup = new NioEventLoopGroup();
    EventLoopGroup workGroup = new NioEventLoopGroup();

    try {
        serverBootstrap.group(workGroup, workGroup)
            .option(ChannelOption.TCP_NODELAY, true)
            .channel(NioServerSocketChannel.class)
            .handler(new LoggingHandler(LogLevel.INFO))
            .childHandler(new NftlInitHandler());
        serverBootstrap.bind(port).sync();
    } catch (InterruptedException e) {
        e.printStackTrace();
    } finally {
        bossGroup.shutdownGracefully();
        workGroup.shutdownGracefully();
    }
}
```

看上去好像没有任何问题，但是确实会导致这个警告，原因在于`serverBootstrap.option(ChannelOption.TCP_NODELAY, true)`，在这一节代码中`option`主要是设置的`ServerChannel`的一些选项，而`childOption`主要是设置的`ServerChannel`的子`Channel`的选项。

所以参数`ChannelOption.TCP_NODELAY`，是用来设置`childOption`的，这里进行添加没有任何作

用。

`option`主要是针对`boss`线程组，`child`主要是针对`worker`线程组

正确来源：

<https://issues.apache.org/jira/browse/OAK-6901>

<https://netty.io/4.0/api/io/netty/channel/ChannelConfig.html>



/cc Francesco Mari

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Francesco Mari added a comment - 06/Nov/17 09:45

TCP_NODELAY disables TCP's internal buffering for small packets. It makes sense for the client channels and the worker channels on the server, since we make buffering at application's level and don't need support from the protocol to optimize small writes. The option should be removed from the parent channel in the server, it definitely doesn't make sense there.

Regarding the reason why we are seeing the warning now, it might be related to [issue 6192](#) in Netty.

Andrei Dulceanu added a comment - 06/Nov/17 09:58 - edited