

# Apache 2.4 / Tomcat 9 / Ubuntu 20.04 / mod\_jk - Problem nach Update von 18.04

Two things:

1. The `redirectPort="8443"` attribute for the AJP Connector in Tomcat's `server.xml` is for SSL connections. Since I'm still working on the basic connection, I haven't enabled SSL yet, so this should be `redirectPort="0"`
2. Between the two versions of Tomcat that I'm using, the attribute `secretRequired` for the AJP Connector was changed from a default of `false` to a default of `true`. Since I wasn't sending a password with the proxy connection, it failed. Discovered this when I finally remembered to check the Tomcat logs, too (`/var/log/tomcat9/catalina.{date}.log` on Ubuntu).

The following AJP config works and allows me to load the webapp reverse-proxied through Apache:

```
<Connector protocol="AJP/1.3"
    port="8009"
    redirectPort="8080"
    enableLookups="false"
    URIEncoding="UTF-8"
    secretRequired="false" />
```

<https://serverfault.com/questions/1058480/why-is-apache-not-proxying-to-tomcat>

