

# How to setup Apache reverse proxy support of Websockets

1. first of all change following variable to false `www\software\html5\settings.js > W.xhrreverse = false;` (if you don't change it to false, it will always try xhr instead websockets, what we don't want anymore)
2. install Apache with *proxywstunnel support* (*older Apaches without proxywstunnel are unsupported!*)
3. allow in Apache config (`httpd.conf` etc.) following modules. `LoadModule proxy module/modules/modproxy.so`  
`LoadModule proxyhttp module/modules/modproxyhttp.so` `LoadModule proxywstunnel module/modules/modproxywstunnel.so`
4. let's assume you want to access html5 main portal via subfolder `"/html5/"` As example `http://yourip` or `domain.net/html5/` And Tsplus is installed in intranet on server `"intranetxyz"` then add to the config (`httpd.conf` etc.) following

```
ProxyPass /html5 http://intranetxyz:80 ProxyPassReverse /html5 http://intranetxyz:80
```

```
ProxyPass "ws://intranetxyz:80/socket.io/websocket_https"
```

```
ProxyPass "ws://intranetxyz:80/socket.io/websocket"
```

```
ProxyPass "ws://intranetxyz:80/socket.io/flashsocket_https"
```

```
ProxyPass "ws://intranetxyz:80/socket.io/flashsocket"
```

5. Restart Apache to take changes effect.