

---

Question

[Tom Van Oosterwyck](#) · Dec 3, 2019

## Retrieving headers from websocket upgrades

Hello,

I have a couple of IOT devices that communicate via WebSockets to our backend.

I successfully managed to create a websocket connection between server and (iot)client using %CSP.WebSocket. However I would like to implement authentication on this using the HTTP headers at the same time of Connection: Upgrade.

I tried to set the headers to globals in order to debug but they are always empty.

Example code:

```
Method OnPreServer() As %Status
{
    Try {
        s ^Header( "HTTP_AUTHORIZATION" )=%request.GetCgiEnv( "HTTP_AUTHORIZATION" )
        s ^Header( "AUTHORIZATION" )=%request.GetCgiEnv( "AUTHORIZATION" )
        s ^Header( "REMOTE_USE" )=%request.GetCgiEnv( "REMOTE_USER" )
        s ^Header( "Sec-WebSocket-Protocol" )=%request.GetCgiEnv( "Sec-WebSocket-Protocol" )
    } Catch {
        g ^%ETN
    }
    q $$$OK
}
```

Is there an other way to access the http headers before completing the websocket connection?

[#CSP](#) [#Debugging](#) [#Caché](#)

---

Source URL: <https://community.intersystems.com/post/retrieving-headers-websocket-upgrades>