

## Question

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# 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>