Overthewire Writeups

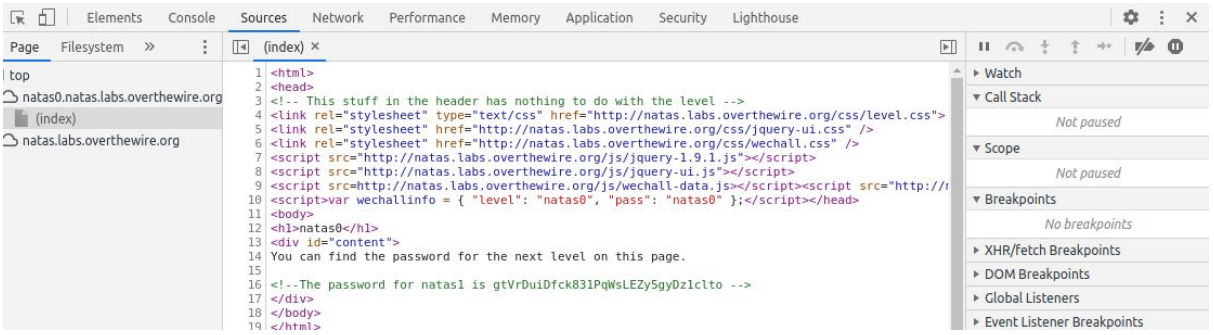
Natas

Level 0->1

Username: natas0

Password: natas0

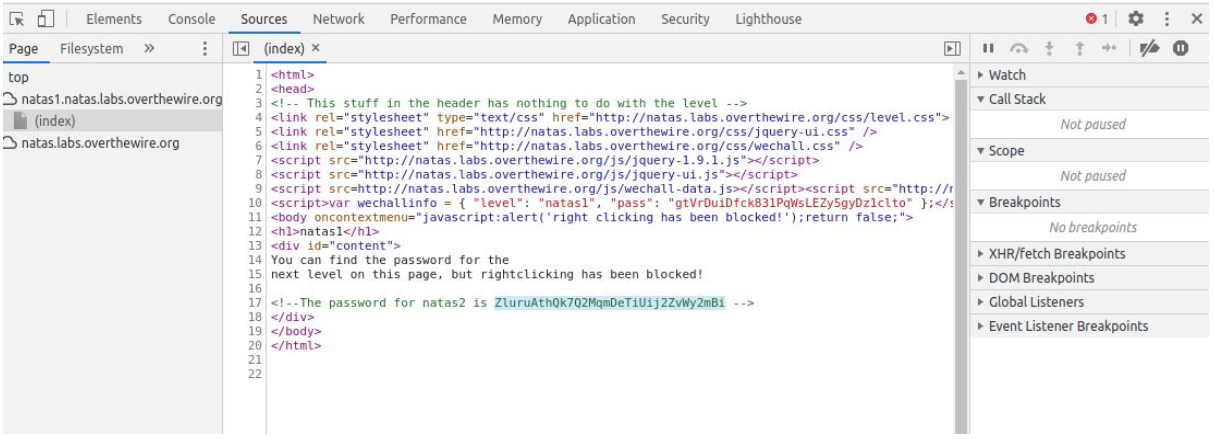
URL: http://natas0.natas.labs.overthewire.org



Level 1->2

Username: natas2

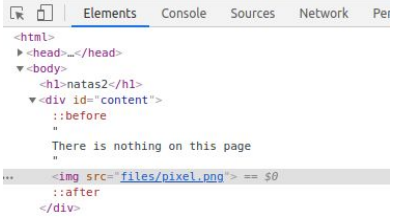
Password: ZluruAthQk7Q2MqmDeTiUij2ZvWy2mBi

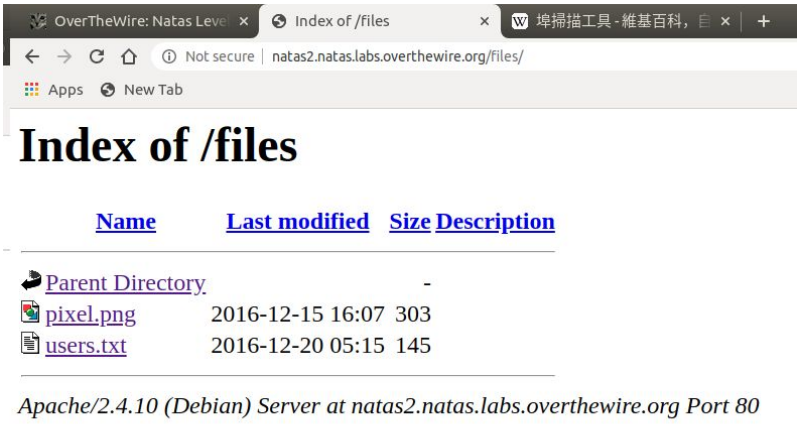


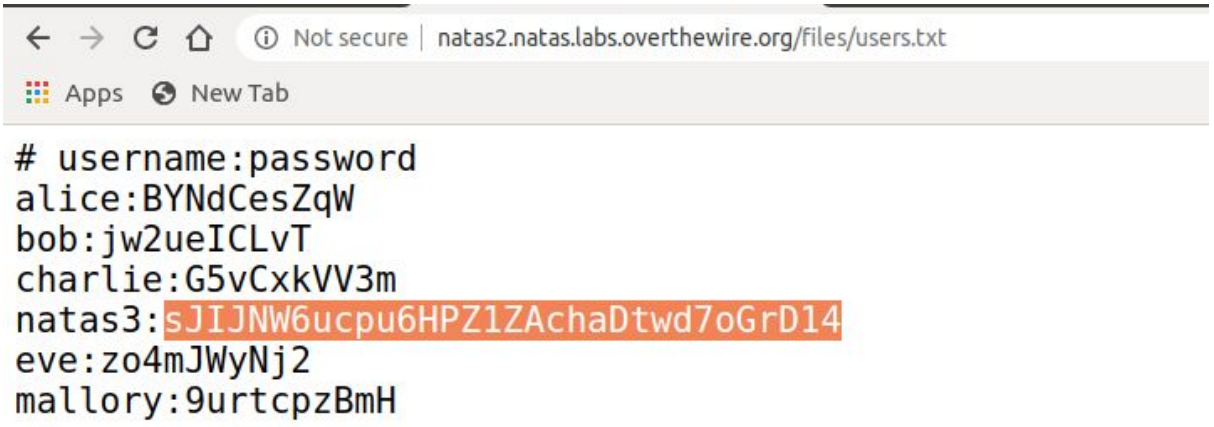
Level 2->3

Username: natas2

Password: ZluruAthQk7Q2MqmDeTiUij2ZvWy2mBi







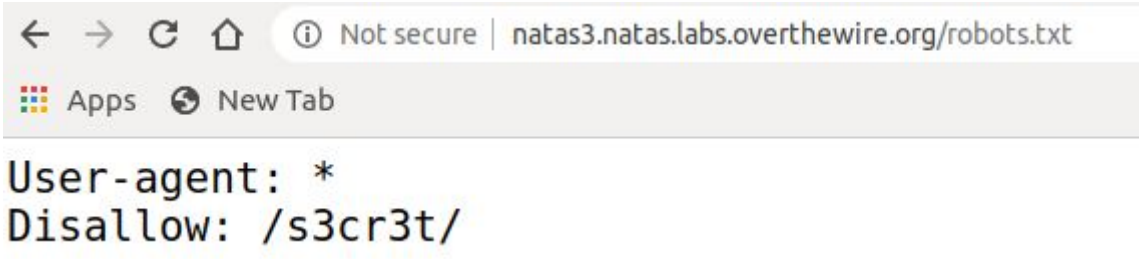
Level 3->4

Username: natas3

Password: sJIJNW6ucpu6HPZ1ZAchaDtwd7oGrD14

<!-- No more information leaks!! Not even Google will find it this time... →

so let's see robots.txt



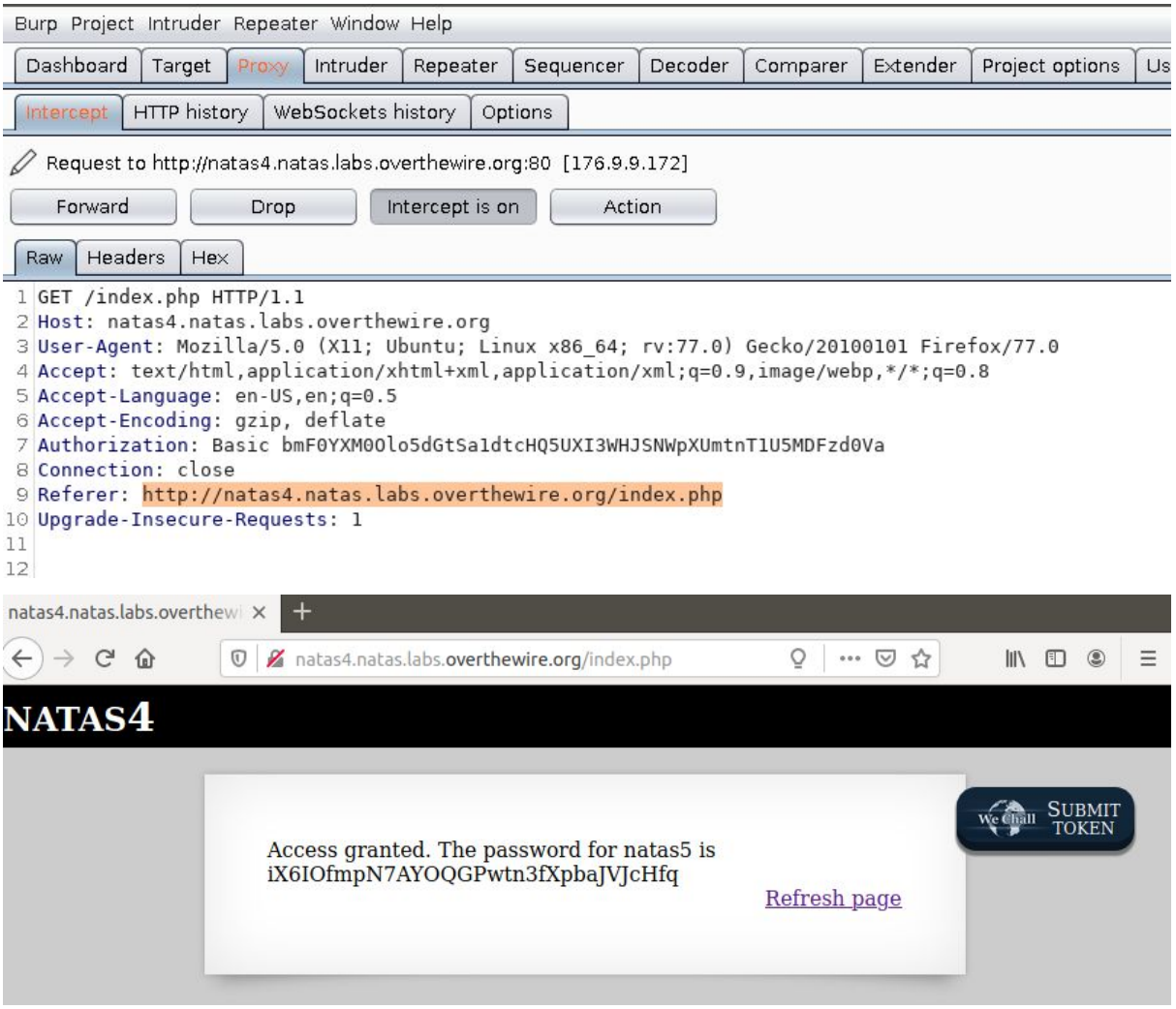
Level 4->5

Username: natas4

Password: Z9tkRkWmpt9Qr7XrR5jWRkgOU901swEZ

authorized users should come only from "http://natas5.natas.labs.overthewire.org/"

try to click the Refresh button

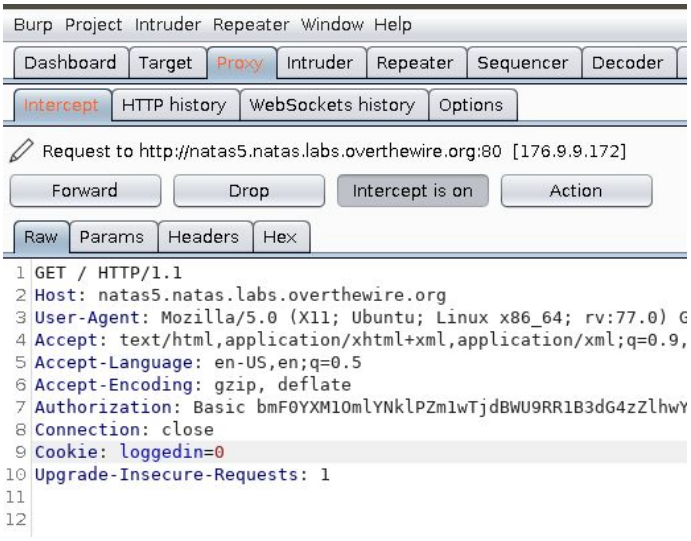


Level 5->6

Username: natas5

Password: iX6IOfmpN7AYOQGPwtn3fXpbaJVJcHfq

change loggedin=0 to 1

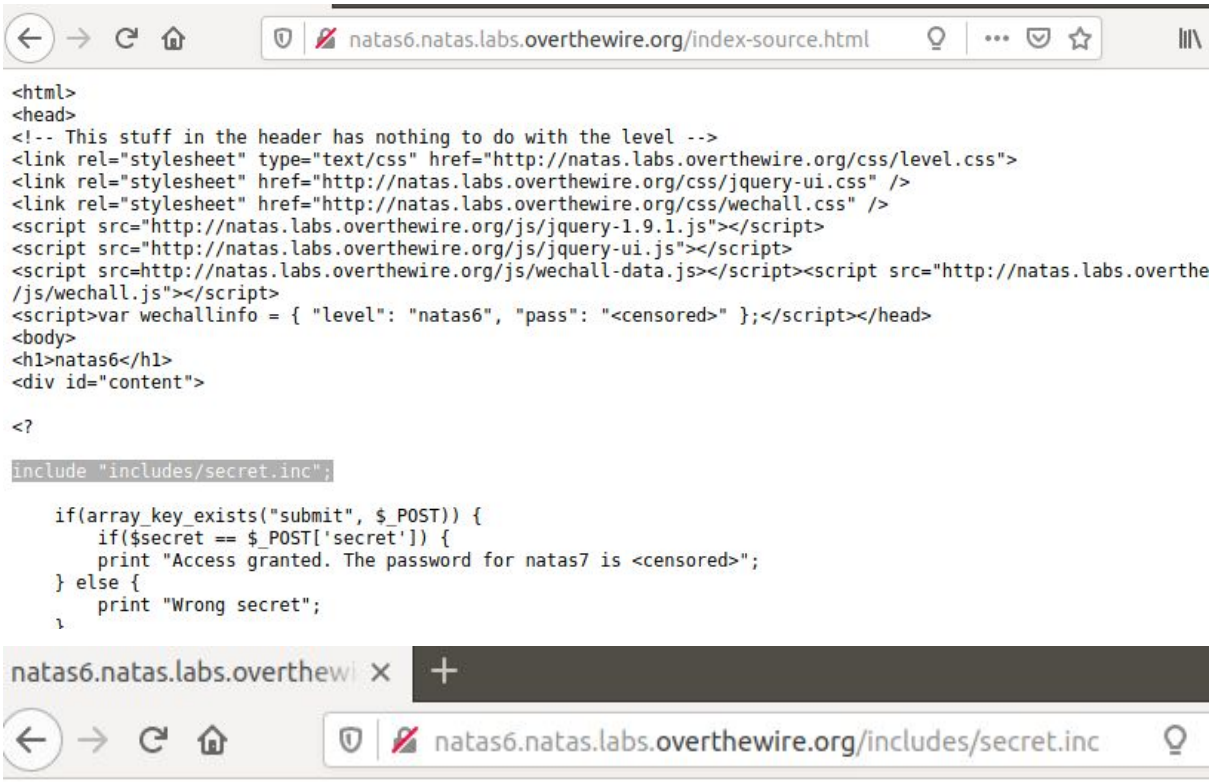


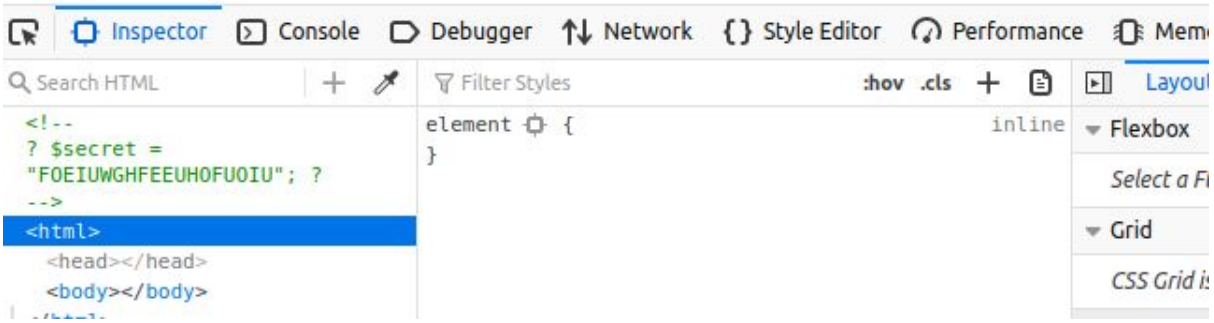
Level 6->7

Username: natas6

Password: aGoY4q2Dc6MgDq4oL4YtoKtyAg9PeHa1

click View sourcecode





Level 7->8

Username: natas7

Password: 7z3hEENjQtflzgnT29q7wAvMNfZdh0i9

<!-- hint: password for webuser natas8 is in /etc/natas_webpass/natas8 →

When clicking Home

Level 8->9

Username: natas8

Password: DBfUBfqQG69KvJvJ1iAbMoIpwSNQ9bWe

click View sourcecode

```
$encodedSecret = "3d3d516343746d4d6d6c315669563362";

function encodeSecret($secret) {
    return bin2hex(strrev(base64_encode($secret)));
}

if(array_key_exists("submit", $_POST)) {
    if(encodeSecret($_POST['secret']) == $encodedSecret) {
    print "Access granted. The password for natas9 is <censored>";
    } else {
    print "Wrong secret";
    }
}
```

```
baby@baby-UX410UQK:~$ php -a
Interactive mode enabled

php > echo base64_decode(strrev(hex2bin('3d3d516343746d4d6d6c315669563362')));
oubWYf2kBq
```

Level 9->10

Username: natas9

Password: W0mMhUcRRnG8dcghE4qvk3JA9lGt8nDl

```
if($key != "") {
    passthru("grep -i $key dictionary.txt");
}
```

search for "| cat /etc/natas_webpass/natas10"

Level 10->11
Username: natas10
Password: nOpp1igQAkUzaI1GUUjzn1bFVj7xCNzu
use (.*) to execute multiple commands
serch for ". cat /etc/natas_webpass/natas11"

Level 11->12
Username: natas11
Password: U82q5TCMMQ9xuFoI3dYX61s7OZD9JKoK
//TODO

Level 12->13
Username: natas12
Password: EDXp0pS26wLKHZy1rDBPUZk0RKfLGIR3