

Final Project Write-Up

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Abstract

This write-up details the steps and challenges taken while attempting the overthewire.org challenge Level .

1 Level 0

- Browse to <http://natas0.natas.labs.overthewire.org>
- Inspect Page source to find key in comments.
- Natas1 key:gtVrDuiDfck831PqWsLEZy5gyDz1clto

```
</head>
<body>
  <h1>natas0</h1>
  <div id="content">
    ::before
    You can find the password for the next level on this page.
    <!--The password for natas1 is gtVrDuiDfck831PqWsLEZy5gyDz1clto-->
    ::after
  </div>
  <div id="wechallform" class="ui-draggable" style="display: block;"></div>
</body>
</html>
```

2 Level 1

- Browse to <http://natas1.natas.labs.overthewire.org>
- Right click has been blocked however hitting F12 will open dev tools which allow source to be inspected.
- The key is located in comments section.
- Natas2 key:ZluruAthQk7Q2MqmDeTiUij2ZvWy2mBi

```
<body oncontextmenu="javascript:alert('right clicking has been blocked!');return false;">
  <h1>natas1</h1>
  <div id="content">
    ::before
    You can find the password for the next level on this page, but rightclicking is blocked.
    <!--The password for natas2 is ZluruAthQk7Q2MqmDeTiUij2ZvWy2mBi-->
    ::after
  </div>
  <div id="wechallform" class="ui-draggable" style="display: block;"></div>
</body>
</html>
```




3 Level 2

- Browse to <http://natas2.natas.labs.overthewire.org>
- Inspecting the source reveals a ref to `/files/pixel1.png`

```
> <head></head>
<body>
  <h1>natas2</h1>
  <div id="content">
    ::before
    There is nothing on this page
    
    ::after
  </div>
  <div id="wechallform" class="ui-draggab
```

- Browse to <http://natas1.natas.labs.overthewire.org/files/>
- Click `user.txt` to open <http://natas1.natas.labs.overthewire.org/files/user.txt>

Index of /files

<u>Name</u>	<u>Last modified</u>	<u>Size</u>	<u>Description</u>
 Parent Directory		-	
 pixel.png	2016-12-15 16:07	303	
 users.txt	2016-12-20 05:15	145	

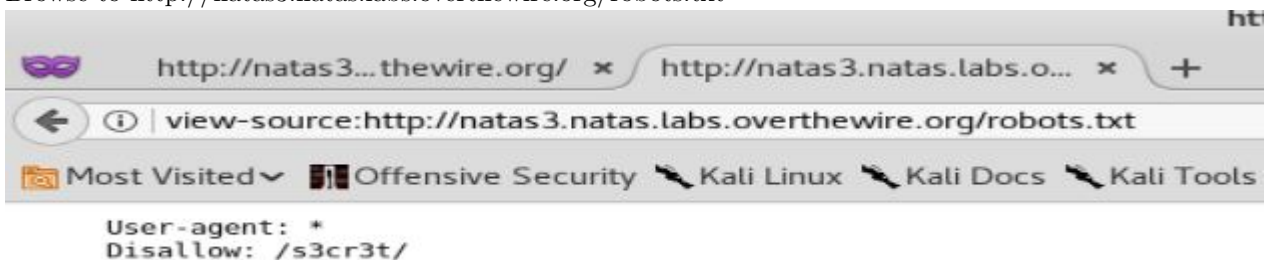
Apache/2.4.10 (Debian) Server at natas2.natas.labs.overthewire.org

- Natas3 key: `sJIJNW6ucpu6HPZ1ZAchaDtwd7oGrD14`

```
# username:password
alice:BYNdCesZqW
bob:jw2ueICLvT
charlie:G5vCxkVV3m
natas3:sJIJNW6ucpu6HPZ1ZAchaDtwd7oGrD14
eve:zo4mJWyNj2
mallory:9urtpczBmH
```

4 Level 3

- Browse to <http://natas3.natas.labs.overthewire.org>
- Inspecting source reveals the comment "Not even Google will find it this time..."
- Googling this phrase returns a reference <https://support.google.com/webmasters/answer/6062608?hl=en>
- Browse to <http://natas3.natas.labs.overthewire.org/robots.txt>



```
User-agent: *
Disallow: /s3cr3t/
```

- Browse to <http://natas3.natas.labs.overthewire.org/s3cr3t/>. Here you see the user.txt file

```
Index of /s3cr3t</title>
```

```
Index of /s3cr3t</h1>
```

```
<table border="1">
<tr>
<th align="top"></th><th><a href="?C=N;O=D">New
</th><th align="left"><a href="/s3cr3t/">Parent Directory
</th><th align="left"><a href="/s3cr3t/user.txt">user.txt
</th></tr>
</table>
```

- Browse to <http://natas3.natas.labs.overthewire.org/s3cr3t/user.txt>. The Flag is displayed in clear-text

