

binhexa

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100 points

Tags: picoCTF 2024 General Skills browser_webshell_solvable

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Description

How well can you perform basic binary operations?

Start searching for the flag here `nc titan.picoctf.net 56415`

This challenge launches an instance on demand.

Its current status is: **RUNNING**

Instance Time Remaining: **5:51**

Restart Instance

Hints

(None)

5,431 users solved

86% Liked

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binhexa challenge

This a binary operation challenge kinda like doing math.

```
(kali@kali)~[~]
$ nc titan.picoctf.net 56415

Welcome to the Binary Challenge!"
Your task is to perform the unique operations in the given order and find the
final result in hexadecimal that yields the flag.

Binary Number 1: 01011010
Binary Number 2: 11011001

Question 1/6:
Operation 1: '<<'
Perform a left shift of Binary Number 1 by 1 bits.
Enter the binary result: 10110100
Correct!

Question 2/6:
Operation 2: '>>'
Perform a right shift of Binary Number 2 by 1 bits .
Enter the binary result: 1101100
Correct!

Question 3/6:
Operation 3: '^'
Perform the operation on Binary Number 162.
Enter the binary result: 01011000
Correct!

Question 4/6:
Operation 4: '+'
Perform the operation on Binary Number 162.
Enter the binary result: 000100110011
Correct!

Question 5/6:
Operation 5: '|'
Perform the operation on Binary Number 162.
Enter the binary result: 11011011
Correct!

Question 6/6:
Operation 6: '*'
Perform the operation on Binary Number 162.
Enter the binary result: 0100110001001010
Correct!

Enter the results of the last operation in hexadecimal: 4c4a

Correct answer!
The flag is: picoCTF{b1tw^3se_0p3eR@tI0n_su33essFuL_6862762d}
```

Tips: just use a calculator if you're not a pro