

Endianess

endianness 

 | 200 points 

Tags: picoCTF 2024 General Skills browser_webshell_solvable

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Description

Know of little and big endian?

[Source](#)

`nc titan.picoctf.net 56039`

This challenge launches an instance on demand.

Its current status is: **RUNNING**

Instance Time Remaining: **25:18**

[Restart Instance](#)

Hints 

[1](#) [2](#)

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 picoCTF{FLAG}

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In this challenge we need to know the concept of big endian and little ending. Big endian usually means that a data is stored in memory by it most significant bytes first. While Little endian is the opposite. Say I have 0x1020304050 (don't know if this is possible but just to make it simpler). This is how it will be stored in endian:

Big endian: 10 20 30 40 50

Little endian: 50 40 30 20 10

```
(kali㉿kali)-[~/Downloads]
$ nc titan.picoctf.net 56039
Welcome to the Endian CTF! status is: RUNNING
You need to find both the little endian and big endian representations of a word.
Instance Time Remaining: 21:11
If you get both correct, you will receive the flag.
Word: xsgmp
Enter the Little Endian representation: 706d677378
Correct Little Endian representation!
Enter the Big Endian representation: 7873676d70
Correct Big Endian representation!
Congratulations! You found both endian representations correctly!
Your Flag is: picoCTF{3ndi4n_sw4p_su33ess_d58517b6}
```

Just change the word to hexadecimal since that's how it's usually stored in memory and perform the endian