

HackTheBox - Can you encrypt fast enough?

[20 Points] Endee five for life [by L4mpje] [20006 solvers] 4986 👍 296 🗲 Difficulty: 

🔥 First Blood: artikrh

Can you encrypt fast enough?

▶ Start Instance no active instance

Then we logged in to this server and we saw that this site requires us to provide MD5 encryption

MD5 encrypt this string

ncFvj435n2YAbQILhQP0

We tried to submit the encryption of this string and it was said it is Too slow!

MD5 encrypt this string

ryXdWcfqX4uX7nNf8nbi

Too slow!

Then we decided to write a python script that will automate this procedure as below :

```
import requests, hashlib
from bs4 import BeautifulSoup
url = 'http://167.99.81.99:30673/'
s = requests.session()
reqs = s.get(url)
soup = BeautifulSoup(reqs.text, 'lxml')
str = soup.h3.string
hash = hashlib.md5(str.encode()).hexdigest()
myobj = {'hash': hash}
flag = s.post(url, data=myobj)
print(flag.text)
```

Yes we now have the Flag!

```
<title>emdee live for life</title>
</head>
<body style="background-color:powderblue;">
<h1 align='center'>MD5 encrypt this string</h1><h3 align='center'>zz6LqPwH61Iyjq2kDKpf</h3><p align='center'>HTB(Nlc3_ScrIpt1nG_B0i!)</p><center><form action=""
$method="post">
<input type="text" name="hash" placeholder="MD5" align='center'></input>
</br>
<input type="submit" value="Submit"></input>
</form></center>
```