HTTP Challenge

How does HTTP work?

Hint: it may require requests module for python or netcat utility.

Solution

HTTP Challenge (level 1)

Link

Your target: Execute GET request with arguments: f00=b4r and y3t_an0th3r=GET_ARG

Solution

```
http://chall1.ctf.pwne.xyz:9005/70a17f25-a6e0-4c23-8a1b-5786038c0527/?f00=b4r&y3t_an0th3r=GE
```

HTTP Challenge (level 2)

Link

Your target: Execute POST request with arguments: f00=b4r and y3t_an0th3r=POST_ARG

Solution

```python
from requests import post

url = 'http://chall1.ctf.pwne.xyz:9005/962a7c1e-1e21-4f21-ba27-7d4b84f31062/'
data = {'f00': 'b4r', 'y3t_an0th3r': 'POST_ARG'}
res = post(url, data=data)
print(res.text)
```

HTTP Challenge (level 3)

Link

Your target: Your User-Agent should be equals 'Sup3rSecr3tUser4gent'

Solution

```python
from requests import get

url = 'http://chall1.ctf.pwne.xyz:9005/ad8c7b1f-aeca-49e7-ac1b-3d4812f5b49b/'
headers = {
    'User-Agent': 'Sup3rSecr3tUser4gent'
}
```

```
res = get(url, headers=headers)
print(res.text)
```

HTTP Challenge (level 4)

Link

Your target: Your server protocol should be equals 'HTTP/0.1'

Solution

```
$ printf "GET /3b27f25a-a146-40f4-bb1c-519b01470bb5/ HTTP/0.1\r\n\r\n"
| nc chall1.ctf.pwne.xyz 9005
```

HTTP Challenge (level 5)

Link

Your target: Your HTTP method should be equals 'FLAG'

Solution

```
$ printf "FLAG /5312fc8c-af1a-4556-a8e4-6ba41c894a92/ HTTP/0.1\r\n\r\n"
| nc chall1.ctf.pwne.xyz 9005
```

Final link

Answer: flag{HTTP_Is_4_pRettY_c00l_pR0tocol}