

# Log me in

Group: DDT

## Challenge Description

Please help us log into the system! The AES encryption function that we use for credential checking has gone wrong and we are stuck! Normal users are still able to log in, however to fix the system, we need to include the admin parameter in the credentials when logging in. You can follow the following format:

```
username=any_username, password=any_password, admin=1
```

If you are able to log into the system, we will give you a reward. To access the system, use the command: **nc 18.234.149.138 1234**

If we recall correctly, this should be the implementation of the verification function:

```
def verify() -> str:
    message = b64decode(client.recv(4096).decode().strip("\n").encode())
    decrypted_message = decrypt(message)

    username_check = re.compile("username\s*=", flags=re.IGNORECASE).search(
        decrypted_message
    )
    password_check = re.compile("password\s*=", flags=re.IGNORECASE).search(
        decrypted_message
    )
    admin_check = re.compile("admin\s*=\s*1", flags=re.IGNORECASE).search(
        decrypted_message
    )
    if username_check and password_check and admin_check:
        return FLAG
    return "Oops, you're not logged in as admin."
```

Hints:

1. Try tweaking bits of the encrypted message.
2. Whitespace does not matter.