



Category

Web

Challenge description

We need to access into the admin panel... but I can't remember the password!! Our super safe web is lost!!

Hints

- {LEVEL 1} Have you checked the HTML code of the pages?
- {LEVEL 2} The encoding for the cookie looks familiar... Maybe you can decode to check the value?
- {LEVEL 3} I think there's a way to trick the page with the cookie...

Write Up

Inside the login page, you can check the HTML code to find the username and password for a regular user.

When you are logged in, you will see in the cookies a new cookie called *login_cookie*. The value of it's cookie is in *base64*. To decode it, you can use many tools like Cyberchef.

The image shows the CyberChef web application interface. On the left, under the 'Recipe' tab, the 'From Base64' section is active. It has a dropdown menu set to 'Alphabet' with the range 'A-Za-z0-9+/' and a checked checkbox for 'Remove non-alphabet chars'. The 'Strict mode' checkbox is unchecked. Below this, the 'To Base64' section is visible but inactive. On the right, the 'Input' field contains the text 'QmxhZGUzNzQyO3JlZ3VsYXJfdXNlcg=='. The 'Output' field at the bottom right displays the decoded result: 'Blade3742;regular_user'.

To give the user the access to the Admin Panel, you just need to change the value of the cookie to set him the *admin* role. To do that, we will encode that in *base64* and change the value of *login_cookie*

The image shows the CyberChef web application interface for encoding. In the 'Recipe' tab, the 'From Base64' section is now inactive, and the 'To Base64' section is active. It has the same 'Alphabet' dropdown and 'Remove non-alphabet chars' checkbox checked. The 'Input' field on the right now contains 'Blade3742;admin'. The 'Output' field at the bottom right displays the encoded result: 'QmxhZGUzNzQyO2FkbWl1'.

Hello Blade3742 !

Welcome to the most secure Admin Panel!

Where you looking for this?

HACK4U{B_C@R3FVL_W1T#_3NCODED_CO00KIEZZ!}

Flag

HACK4U{B_C@R3FVL_W1T#_3NCODED_CO00KIEZZ!}