

MISSION CONTROL - WEB 300

R-Boy is a very ambitious space engineer and can't wait to see pictures of Mars. To get a high resolution image of the planet, he wants to access the Kepler control panel. Help R-Boy bypass the security controls and gain access.

We are presented with some input fields, the one on forgot.php act strangely when we insert “ and ‘ (probably due to addslashes). We managed to bypass it with 0xbf5c followed by ‘ then we issued a lot of Time-Based SQL queries in order to retrieve data.

Firstly we found out the table “login” and we retrieved the admin password (“MrR0B0T”), but when we logged in to the website there were no flag.

Secondly we found out the table “safelogin” with usernames and encrypted passwords.

One username was “g4lf” and we were able to use it on the forgot page, so forgot.php may be knowing the password for the encryption.

We supposed that the web server was on the same server as the database, so with

LOAD_FILE we dumped forgot.php and we found the AES password

(“V3ryNic3K3yToR3c3iv3Y0urFI4g”) so we deciphered g4lf’s password, it was the flag.

{FLG:H3r3_C0m3s_Y0ur_FI4G}