

MAGNET1C H1LLS



BraekerCTF

NAME Eye doctor

POINTS 150

FLAG brck{4ppro4chltfoM4D1ff3r3rtAngl3}

SOLUTION: As a member of MAGNET1C H1LLS, I would like to share my experience in solving a problem that involved getting a flag from a blurry picture. In the beginning, I encountered some difficulties related to using RobusMotionDeblur, which failed to give the expected result. However, after studying alternative methods, I solved the problem using the SmartDeblur program. Using SmartDeblur turned out to be unexpectedly simple, and I was quickly able to restore the image and extract the flag. It was a process that required only a small amount of time and effort, which allowed me to move on to other CTF tasks. However, having encountered problems using RobusMotionDeblur, I decided to share my experience and advice for other CTF competition participants. First, before starting to work with blurred images, try to study various algorithms and programs for image restoration, such as MATLAB, OpenCV, and others. This will help you choose

the most appropriate tool for your particular case. Secondly, do not hesitate to try various settings and options in image recovery programs, as this can significantly affect the quality of the restored image. Remember that when working with blurred images, especially with flags, accuracy is important, and therefore it is worth paying a lot of attention to detail. Thirdly, if after several attempts you still cannot get the desired result, do not panic and do not despair. It may be worth seeking help from other competitors or experts in the field of information security. They can provide you with valuable tips and recommendations that will help you overcome difficulties. In conclusion, although I was able to solve the problem using SmartDeblur, I understand that it may not be so easy for other participants of CTF competitions. Therefore, I recommend that anyone who is faced with such tasks continue to search hard for solutions and not lose hope of success. To see how all the participants of CTF competitions try and unite to overcome difficulties is one of the most magical aspects of these competitions.