

c4ptur3-th3-fl4g

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A beginner level CTF challenge



[Task 1] Translation & Shifting

Translate, shift and decode the following;
Answers are all case sensitive.

[# 1] c4n y0u c4p7u23 7h3 f149?

can you capture the flag?

[# 2] 01101100 01100101 01110100 01110011 00100000 01110100 01110010 01111001 00100000 01110011
01101111 01101101 01100101 00100000 01100010 01101001
01101110 01100001 01110010 01111001 00100000 01101111 01110101 01110100 00100001

lets try some binary out!

[# 3] MJQXGZJTGIQGS4ZAON2XAZLSEBRW63LNN5XCA2LOEBBVIRRHOM=====

base32 is super common in CTF's

[# 4] RWFjaCBCYXNINjQgZGlnaXQgcml0cyBvZiBkYXRhLg==

Each Base64 digit represents exactly 6 bits of data.

A spectrogram is a visual representation of the spectrum of frequencies of a signal as it varies with time. When applied to an audio signal, spectrograms are sometimes called sonographs, voiceprints, or voicegrams. When the data is represented in a 3D plot they may be called waterfalls.

[#1] Download the file

Super Secret Message

[Task 4] Steganography

Steganography is the practice of concealing a file, message, image, or video within another file, message, image, or video.

[#1] Decode the image to reveal the answer.

SpaghettiSteg

[Task 5] Security through obscurity

Security through obscurity is the reliance in security engineering on the secrecy of the design or implementation as the main method of providing security for a system or component of a system.

[#1] Download and get 'inside' the file. What is the first filename & extension?

hackerchat.png

[#2] Get inside the archive and inspect the file carefully. Find the hidden text.

AHH_YOU_FOUND_ME!