

The First Contact

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|-------|--------------|
| Types | cryptography |
| CTF | Hackerverse |

What is the flag?

given file signal.mp3 and flag.zip (password protected)

after i opened the audio and notice it is morse code audio i right away went to <https://morsecode.world/international/decoder/audio-decoder-adaptive.html>
morse code decoder

The screenshot shows the 'Morse Decoder' web application. It has a dark theme with white text. At the top, it says 'Morse Decoder' in a large font. Below that, a paragraph explains it's an experimental tool for listening to, analysing and decoding International Morse code. It mentions that no information from the microphone is transmitted to the server, but the connection is encrypted. Below this, there's a link to a 'Morse code translator'. The interface has two main sections: 'Alphabet to decode into' with a dropdown menu set to 'Latin', and 'Use the microphone:' with 'Listen' and 'Stop' buttons. To the right, 'Or analyse an audio file containing Morse code:' has 'Upload', 'Play', and 'Stop' buttons. Below the buttons, the filename 'signal.mp3' is displayed. A large text box shows the decoded message: 'THE PASSWORD FOR THE ZIP FILE IS ONE FOUR SIX EIGHT TWO ZERO FIVE TWO TWO FOUR'. At the bottom, there's a 'Clear Message' button with a trash icon.

and it decrypt the audio as

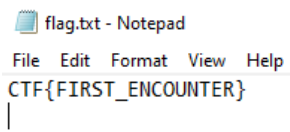
THEPASSWORDFORTHEZIPFILEISONEFOURSIXEIGHTTWOZEROFIVETWOTWOFOUR

Convert Words to Digits

The message spells out the password in words. Convert it to numbers:

ONE FOUR SIX EIGHT TWO ZERO FIVE TWO TWO FOUR
→ 1468205224

then i use the password to unlock the zip file
and got the flag



```
flag.txt - Notepad
File Edit Format View Help
CTF{FIRST_ENCOUNTER}
|
```

there is our flag CTF{FIRST_ENCOUNTER}