Challenge : GoodBook [50]

Category : forensics

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Solution :

- Download the goodbook.zip then unzip the file .
- The pdf file is Extracted .
  - When you String it, you Can Get some hint; **"flag.txt.txt" is inside the pdf**
- `unzip goodbook`

  - "flag.txt.txt" will be extracted .
  - Lets cat : `cat flag.txt.txt` .

NOTE: UNZIP WON'T HELP YOU IN ALL CASES

The Binwalk

- **Binwalk is a tool for searching a given binary for embedded files and executable code.**
  - "`i just renamed the file name from goodbook to pdf`"
    - `binwalk -e pdf`
      - **LOTS OF FILES**

```
┌─[cyberpj@cyberpj-virtualbox]─[~/Desktop/tamilctf/bin_pdf]
└─ $binwalk -e pdf

DECIMAL        HEXADECIMAL      DESCRIPTION
--------------------------------------------------------------------------
0              0x0              PDF document, version: "1.4"
240            0xF0             JPEG image data, JFIF standard 1.01
192310         0x2EF36          Zlib compressed data, default compression
192470         0x2EFD6          Zlib compressed data, default compression
192665         0x2F099          Zlib compressed data, default compression
193252         0x2F2E4          Zlib compressed data, default compression
193447         0x2F3A7          Zlib compressed data, default compression
194021         0x2F5E5          Zlib compressed data, default compression
194216         0x2F6A8          Zlib compressed data, default compression
194973         0x2F99D          Zlib compressed data, default compression
195170         0x2FA62          Zlib compressed data, default compression
196711         0x30067          Zlib compressed data, default compression
196908         0x3012C          Zlib compressed data, default compression
199210         0x30A2A          Zlib compressed data, default compression
199407         0x30AEF          Zlib compressed data, default compression
202640         0x31790          Zlib compressed data, default compression
202837         0x31855          Zlib compressed data, default compression
204636         0x31F5C          Zlib compressed data, default compression
204833         0x32021          Zlib compressed data, default compression
206326         0x325F6          JPEG image data, JFIF standard 1.01
245194         0x3BDCA          Zlib compressed data, default compression
```

```
paul@kali~$: cd _extracted_pdf
paul@kali~$: ls |tail
```

At last flag.txt.txt

```
paul@kali~$: cat flag.txt.txt

TamilCTF{3xtr4cti0n_is_n0n3}
```

Flag : TamilCTF{3xtr4cti0n_is_n0n3}