

# Challenge: Illumination

## Challenge Description :

A Junior Developer just switched to a new source control platform. Can you find the secret token?

## Context :

- A Zip File for analysts. Check the contents of the Zip file.

## Notes :

- I'm just using basic linux commands
  - Notice the .git folder
  - Must have Git installed.

## Challenge :

- Just look into the .git folder and show a different committed version, then decode a weird string from a weird file maybe..?.

## Flag :

- First Download the Zip folder and extract it, after opening do 'git log'

```
birdo@DESKTOP-0ENQDDA:/mnt/d/HackTBox/Illumination/Illumination.JS/git$ git log
commit edc5aabf933f6bb161ceca6cf7d0d2160ce333ec (HEAD -> master)
Author: SherlockSec <dan@lights.htb>
Date:   Fri May 31 14:16:43 2019 +0100

    Added some whitespace for readability!

commit 47241a47f62ada864ec74bd6dedc4d33f4374699
Author: SherlockSec <dan@lights.htb>
Date:   Fri May 31 12:00:54 2019 +0100

    Thanks to contributors, I removed the unique token as it was a security risk. Thanks for reporting responsibly!

commit ddc606f8fa05c363ea4de20f31834e97dd527381
Author: SherlockSec <dan@lights.htb>
Date:   Fri May 31 09:14:04 2019 +0100

    Added some more comments for the lovely contributors! Thanks for helping out!

commit 335d6cfe3cdc25b89cae81c50fffb957b86bf5a4a
Author: SherlockSec <dan@lights.htb>
Date:   Thu May 30 22:16:02 2019 +0100

    Moving to Git, first time using it. First Commit!
```

- After we show the commit '47241a47f62ada864ec74bd6dedc4d33f4374699'

```

birdo@DESKTOP-0ENQDDA:/mnt/d/HackTBox/Illumination/Illumination.JS/git$ git show 47241a47f62ada864ec74bd6dedc4d33f4374699
commit 47241a47f62ada864ec74bd6dedc4d33f4374699
Author: SherlockSec <dan@lights.htb>
Date: Fri May 31 12:00:54 2019 +0100

    Thanks to contributors, I removed the unique token as it was a security risk. Thanks for reporting responsibly!

diff --git a/config.json b/config.json
index 316dc21..6735aa6 100644
--- a/config.json
+++ b/config.json
@@ -1,6 +1,6 @@
 {
-    "token": "SFRce3YzcnNpMG5fYzBudHIwbF9hbV9JX3JpZ2h0P30=",
+    "token": "Replace me with token when in use! Security Risk!",
     "prefix": "~",
     "lightNum": "1337",
     "username": "UmVkJElhcnJpbmcsIHJlYWQgdGh1IEpTIGNhcmVmdWxseQ==",

```

- By doing 'git show 47241a47f62ada864ec74bd6dedc4d33f4374699' we see the difference between the commits, this one takes about a security risk as well.
- By looking at it we base64 decode each value, the Token is the only one giving something. The Flag.

### Decode from Base64 format

Simply enter your data then push the decode button.

SFRce3YzcnNpMG5fYzBudHIwbF9hbV9JX3JpZ2h0P30=

For encoded binaries (like images, documents, etc.)

UTF-8 Source character set.

Decode each line separately (useful for when you have multiple lines of data)

Live mode OFF Decodes in real-time as you type

DECODE Decodes your data into text

HTB{v3rsi0n\_c0ntr0l\_am\_I\_right?}

```

birdo@DESKTOP-0ENQDDA:/mnt/d/HackTBox/Illumination/Illumination.JS/git$ echo "SFRce3YzcnNpMG5fYzBudHIwbF9hbV9JX3JpZ2h0P30=" | base64 -d
HTB{v3rsi0n_c0ntr0l_am_I_right?}base64: invalid input
birdo@DESKTOP-0ENQDDA:/mnt/d/HackTBox/Illumination/Illumination.JS/git$

```

We get the flag : HTB{v3rsi0n\_c0ntr0l\_am\_I\_right?}

From Birdo