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IT 2700  
NetLab Lab 14  
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1:

Step 9:

```
(kali@kali)-[~/Desktop/steg]
$ sha1sum top_secret.jpg
85527a71b0612b06fd4b9535c96765c97f8a1a59  top_secret.jpg
```

Step 13:

```
(kali@kali)-[~/Desktop/steg]
$ rm secret.txt

(kali@kali)-[~/Desktop/steg]
$ ls
cyber_monday.jpg  top_secret.jpg
```

Step 15:

```
(kali@kali)-[~/Desktop/steg]
$ steghide extract -sf top_secret.jpg
Enter passphrase:
wrote extracted data to "secret.txt".

(kali@kali)-[~/Desktop/steg]
$ cat secret.txt
The password to the WinOS is NDGLabpass123!
```

2:

Step 5:

```

total 4.0M
-rw-r--r-- 1 kali kali 88K Aug 3 2021 cyber_monday.jpg
-rw-r--r-- 1 kali kali 2.0M Oct 8 17:41 secret_files.zip
-rw-r--r-- 1 kali kali 44 Oct 8 17:40 secret.txt
-rw-r--r-- 1 kali kali 2.0M Oct 8 17:37 top_secret.jpg

(kali@kali)-[~/Desktop/steg]
$ cat cyber_monday.jpg secret_files.zip > cybersec.jpg

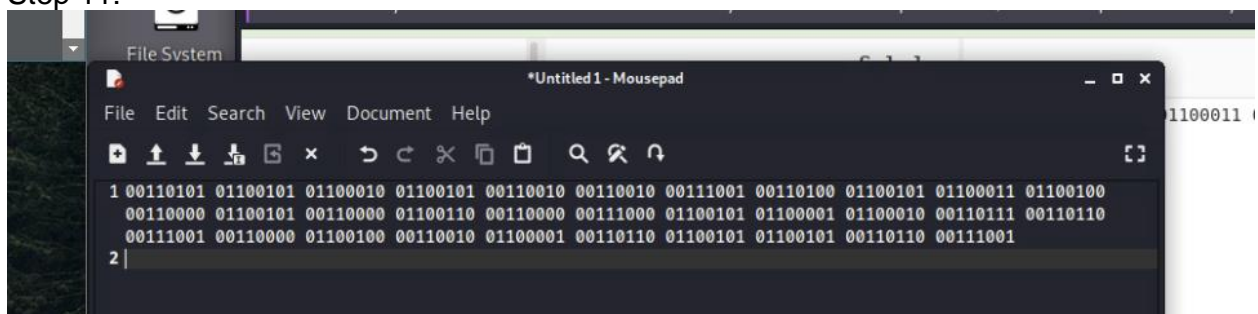
(kali@kali)-[~/Desktop/steg]
$ ls -lh
total 6.0M
-rw-r--r-- 1 kali kali 88K Aug 3 2021 cyber_monday.jpg
-rw-r--r-- 1 kali kali 2.1M Oct 8 17:41 cybersec.jpg
-rw-r--r-- 1 kali kali 2.0M Oct 8 17:41 secret_files.zip
-rw-r--r-- 1 kali kali 44 Oct 8 17:40 secret.txt
-rw-r--r-- 1 kali kali 2.0M Oct 8 17:37 top_secret.jpg

(kali@kali)-[~/Desktop/steg]

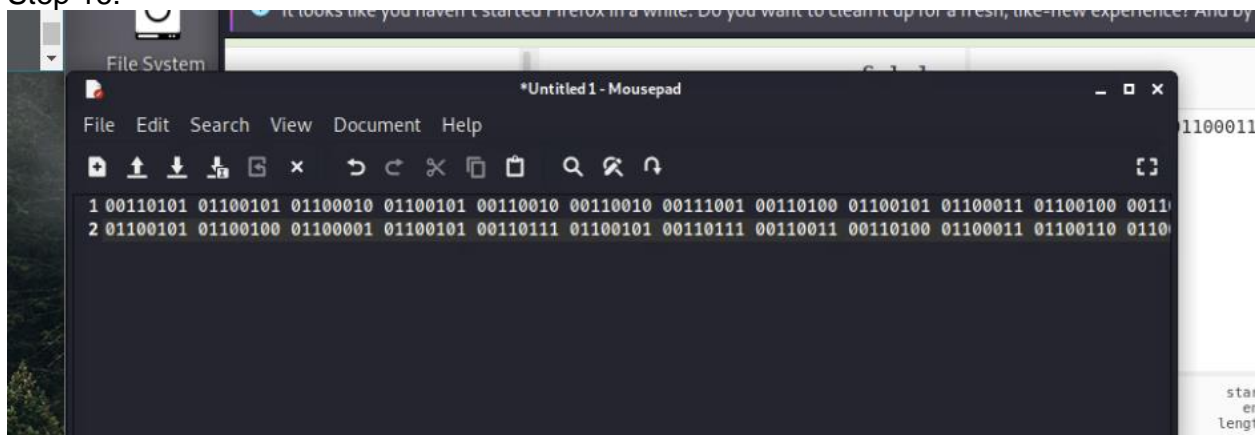
```

3:

Step 11:



Step 16:



Commentary:

In this lab we encrypted files and embedded the text inside another picture. I learned that not all files only contain what you think they contain. There can be a lot of extra stuff you're installing without knowing it. Knowing this information, companies should be more diligent in

making sure files coming into the network get scanned for any extra text or things that could come inside them.