

3.5.4 Practice - Comparing Files

1. Download the archive from the following URL
<https://offensive-security.com/pwk-files/scans.tar.gz>

```
(kali㉿kali)-[~/Downloads]
$ ls
scans.tar.gz
```

2. This archive contains the results of scanning the same target machine at different times. Extract the archive and see if you can spot the differences by diffing the scans.

```
(kali㉿kali)-[~/Downloads/scans]
$ diff -u 10.11.1.8_scan_01.txt 10.11.1.8_scan_02.txt
--- 10.11.1.8_scan_01.txt      2020-01-22 07:10:32.000000000 -0500
+++ 10.11.1.8_scan_02.txt      2020-01-22 07:17:21.000000000 -0500
@@ -1,60 +1,53 @@
-kali@kali:~$ sudo nmap 10.11.1.8 -p- -sV -vv --open --reason
-Starting Nmap 7.80 ( https://nmap.org ) at 2020-01-22 14:02 EET
+kali@kali:~$ sudo nmap 10.11.1.8 -p- -sV -vv --open --reason
+Starting Nmap 7.80 ( https://nmap.org ) at 2020-01-22 14:12 EET
```

```
(kali㉿kali)-[~/Downloads/scans]
$ diff -u 10.11.1.8_scan_01.txt 10.11.1.118_scan_01.txt
--- 10.11.1.8_scan_01.txt      2020-01-22 07:10:32.000000000 -0500
+++ 10.11.1.118_scan_01.txt    2020-01-22 07:25:58.000000000 -0500
@@ -1,60 +1,10 @@
-kali@kali:~$ sudo nmap 10.11.1.8 -p- -sV -vv --open --reason
-Starting Nmap 7.80 ( https://nmap.org ) at 2020-01-22 14:02 EET
+kali@kali:~$ sudo nmap 10.11.1.118 -p- -sV -vv --open --reason
+Starting Nmap 7.80 ( https://nmap.org ) at 2020-01-22 14:20 EET
+NSE: Loaded 45 scripts for scanning.
+Initiating Ping Scan at 14:02
```

```
(kali㉿kali)-[~/Downloads/scans]
$ diff -u 10.11.1.8_scan_01.txt 10.11.1.118_scan_02.txt
--- 10.11.1.8_scan_01.txt      2020-01-22 07:10:32.000000000 -0500
+++ 10.11.1.118_scan_02.txt    2020-01-22 07:32:36.000000000 -0500
```