

Errata for *Ethical Hacking* (updated to 2nd printing)

Page 3: We added a note that reads, “When installing VirtualBox on Windows, users will need to install the VirtualBox Extensions.”

Page 5: We added a note that reads, “When installing the new version of pfSense, readers will need to select the Auto (UFS) BIOS option.”

Page 10: In the second paragraph after the note, the sentence that reads:

Open the Kali Linux virtual machine in VirtualBox. If your Kali Linux displays nothing but a black screen, make sure the PAE/NK checkbox is selected.

should now read:

Open the Kali Linux virtual machine in VirtualBox. If your Kali Linux displays nothing but a black screen, make sure the PAE/NX checkbox is selected.

and we deleted the following sentences:

On the left side of the page, you should see a folder icon. Click it and select your downloaded OVA file.

Page 41: The single bar (|) should now be a double bar (||) in:

```
The filter ip.src == 192.168.1.101 || ip.dst == 192.168.1.101
```

Page 91: The first sentence of the penultimate paragraph that reads:

TLS uses *HASHA@hashbased message authentication codes (HMACs)* to verify messages.

should now read:

TLS uses *hashbased message authentication codes (HMACs)* to verify messages.

Page 94: In Figure 6-5, “virgina” should now read “virginia.”

Page 100: The first sentence which reads:

Let’s use the HKDF function to derive a key and encrypt a file:

should now read:

Let's use a key derivation function to derive a key and encrypt a file. Instead of using HKDF we will use the PBKDF2 function supported by `openssl`.

and in the code block that follows, the command that reads:

```
openssl enc -aes-256-ctr -hkdf -e -a -in plain.txt -out encrypted  
    .txt -pass file:AliceSharedSecret.bin
```

should now read:

```
openssl enc -aes-256-ctr -pbkdf2 -e -a -in plain.txt -out encrypted  
    .txt -pass file:AliceSharedSecret.bin
```