

Name:

Date:

Class:

Section 3: Independent Practice Worksheet **Answer Key**

Instructions: We know from the Netcat network reconnaissance guided practice that the Kali username and password consists of eight alpha characters and the letters a, d, f, i, m, n s. However, pretend we are not sure of the order of those characters except for the first four characters (msfa. . .). Use Maskprocessor to generate both your user and password wordlists in the `/root/wordlists` folder. The more accurate your wordlist, the better the time savings.

(Suggested Solution)

Given that we know the order of the first six lower case characters (msfadm __), the total characters (adfimns), and the length (8 characters) of the Metasploitable2 username and password, we can use Maskprocessor to output the following strategic wordlist:

```
(root@kalilinux)-[~/wordlists]
# mp64 msfadm?l?l -o username_wordlist.txt; chmod 775 username_wordlist.txt
```

```
(root@kalilinux)-[~/wordlists]
# head -10 username_wordlist.txt
```

```
msfadmaa
msfadmab
msfadmac
msfadmada
msfadmae
msfadmaf
msfadmaga
msfadmaha
msfadmai
msfadmaja
```

```
(root@kalilinux)-[~/wordlists]
# tail -10 username_wordlist.txt
```

```
msfadmzq
msfadmzr
msfadmzs
msfadmzt
msfadmzu
msfadmzv
msfadmzw
msfadmzx
msfadmzy
msfadmzz
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The outputs begin with “msfad” and all eight-character possibilities are completed. The user and password wordlists will be the same.

```
(root@kalilinux)-[~/wordlists]
-# mp64 msfadm?l?l -o password_wordlist.txt; chmod 775 password_wordlist.txt

(root@kalilinux)-[~/wordlists]
-# head -10 password_wordlist.txt; tail -10 password_wordlist.txt
msfadmaa
msfadmab
msfadmac
msfadmad
msfadmae
msfadmaf
msfadmag
msfadmah
msfadmai
msfadmaj
msfadmzq
msfadmzr
msfadmzs
msfadmzt
msfadmzu
msfadmzv
msfadmzw
msfadmzx
msfadmzy
msfadmzz
```