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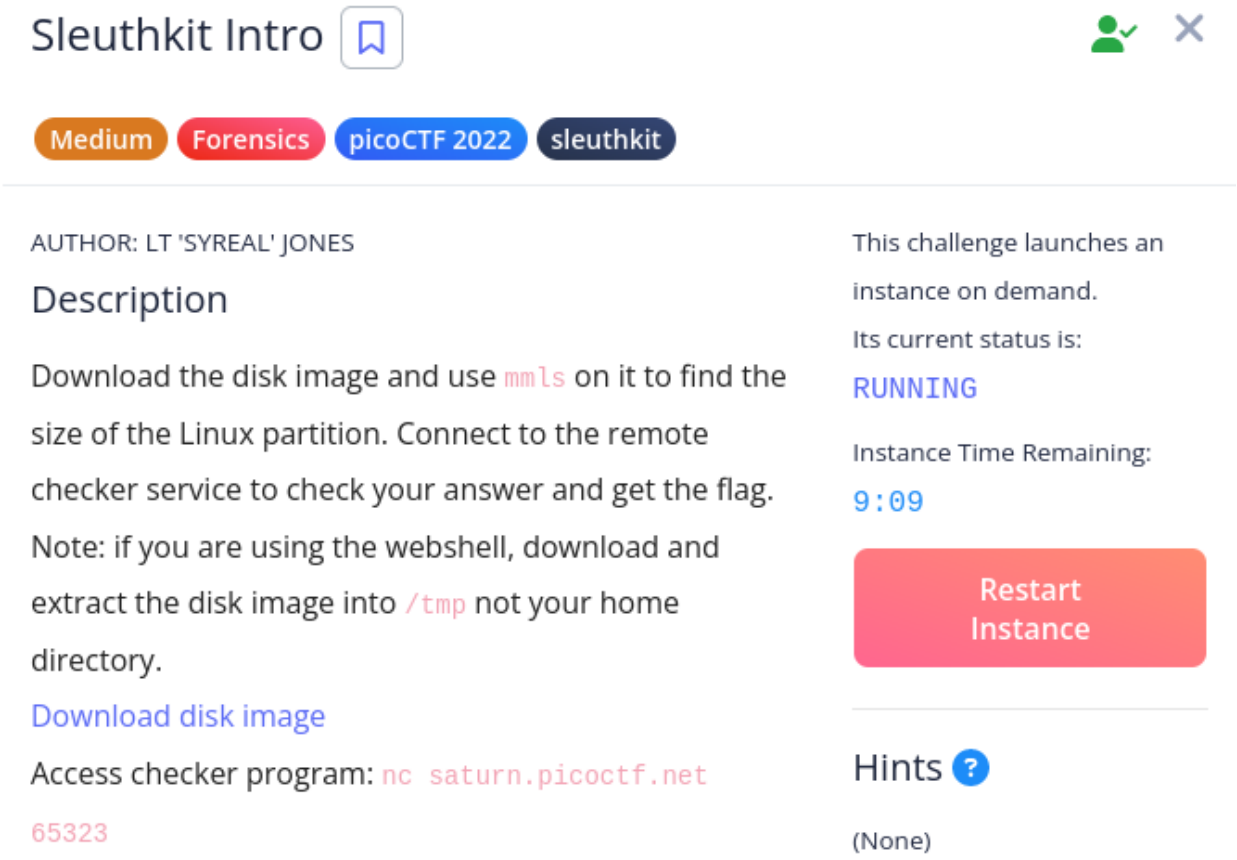
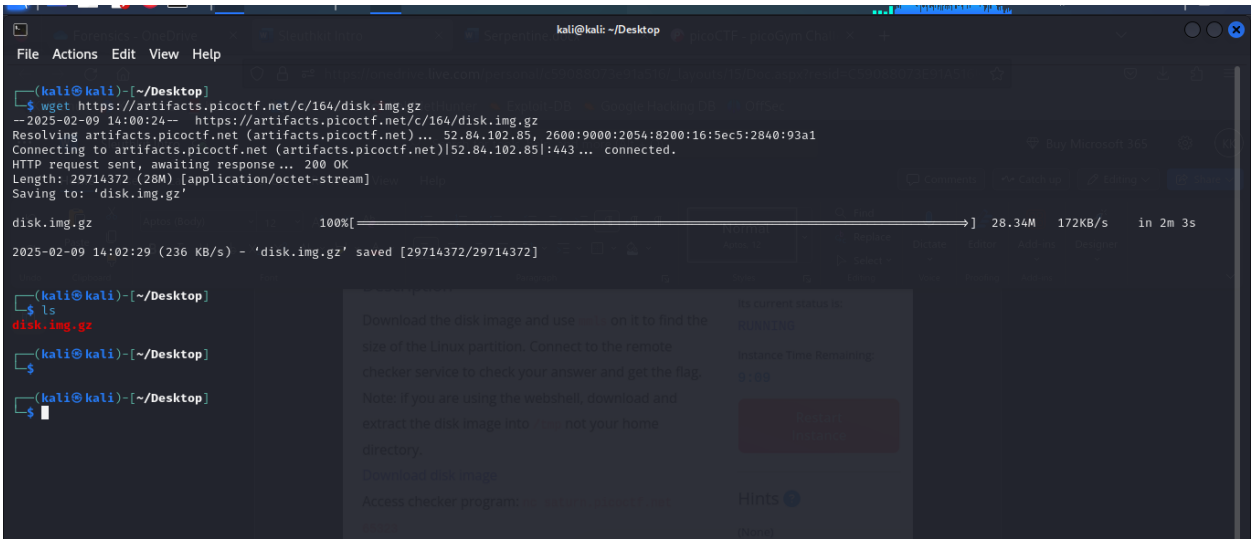
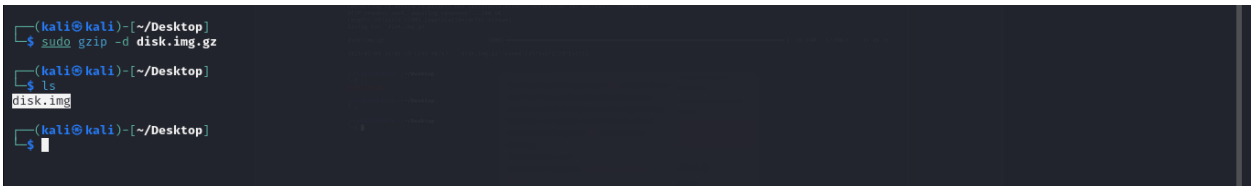


Solution

I downloaded the disk image using wget tool.



I then unzipped the gz compression.



To list the partition table contents i used the mmls command against the disk image.

I then Connected to the server at port given using netcat. This question was asked ” What is the size of the Linux partition in the given disk image?”.

And the answer to the question was ” 202752”.

```
┌──(kali㉿kali)-[~/Desktop]
└─$ mmls disk.img
DOS Partition Table
Offset Sector: 0
Units are in 512-byte sectors

      Slot      Start        End          Length       Description
000:  Meta      0000000000   0000000000   0000000001   Primary Table (#0)
001:  ------    0000000000   0000002047   0000002048   Unallocated
002:  000:000   0000002048   0000204799   0000202752   Linux (0x83)
```

I provided the answer which was the size of the linux portion and the flag was returned by the program i connected to via netcat ” picoCTF{mm15_f7w!}”.

```
┌──(kali㉿kali)-[~/Desktop]
└─$ nc saturn.picoctf.net 65323
What is the size of the Linux partition in the given disk image?
Length in sectors: 202752
202752
Great work!
picoCTF{mm15_f7w!}

┌──(kali㉿kali)-[~/Desktop]
└─$
```