## ## Time Thieves

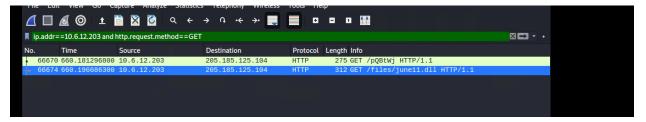
You must inspect your traffic capture to answer the following questions:

1. What is the domain name of the users' custom site?

Frank-n-Ted.DC.frand-n-ted.com

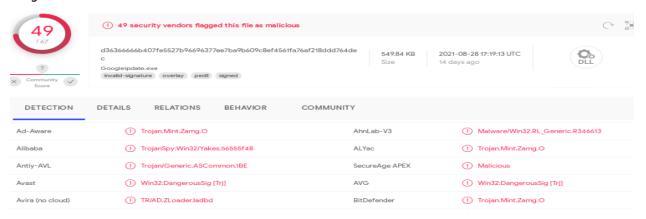
ip.addr==10.6.12.0/24				<b>⋈</b> □ · ·
Source	Destination	Protocol	Length Info	
00 10.6.12.157	224.0.0.251	MDNS	90 Standard query response 0x0000 A 10.6.12.157	
000 10.6.12.157	224.0.0.252	LLMNR	74 Standard query 0x094f ANY DESKTOP-86J4BX	
200 10.6.12.157	224.0.0.22	IGMPv3	62 Membership Report / Join group 224.0.0.251 for any sour	ces /
800 10.6.12.157	10.6.12.12	DNS	96 Standard query 0x9c26 SRV _ldaptcp.dcmsdcs.frank-n-	ted.com
000 10.6.12.12	10.6.12.157	DNS	162 Standard query response 0x9c26 SRV _ldaptcp.dcmsdcs	.frank
000 10.6.12.157	10.6.12.12	DNS	90 Standard query 0x838c A frank-n-ted-dc.frank-n-ted.com	
00 10.6.12.12	10.6.12.157	DNS	106 Standard query response 0x838c A frank-n-ted-dc.frank-n	-ted.c
800 10.6.12.157	10.6.12.12	CLDAP	264 searchRequest(1) " <root>" baseObject</root>	
00 10.6.12.12	10.6.12.157	CLDAP	236 searchResEntry(1) " <root>" searchResDone(1) success [2</root>	resul

- 2. What is the IP address of the Domain Controller (DC) of the AD network? 10.6.12.12
- 3. What is the name of the malware downloaded to the 10.6.12.203 machine? **June11.dll**



4. What kind of malware is this classified as?

# Trojan



- 1. Find the following information about the infected Windows machine:
  - Host Name

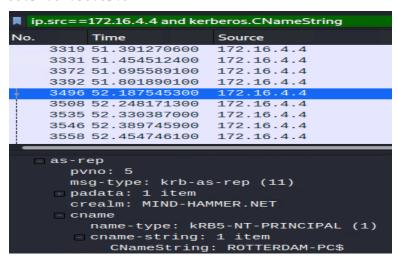
### **ROTTERDAM-PC\$**

- IP address

### 172.16.4.205

- MAC address

00:59:07:b0:63:a4



ip.src==172.16.4.4 and kerberos.CNameString								
No.	Time		Source		Destination	Protocol	Length	
	3319 51.39	1270600	172.16.4.4		172.16.4.205	KRB5	204	
	3331 51.45	4512400	172.16.4.4		172.16.4.205	KRB5	219	
3	3372 51.69	5589100	172.16.4.4		172.16.4.205	KRB5	158	
+	3392 51.80	1890100	172.16.4.4		172.16.4.205	KRB5	84	
	3496 52.18	7545300	172.16.4.4		172.16.4.205	KRB5	204	
1	3508 52.24	8171300	172.16.4.4		172.16.4.205	KRB5	130	
1	3535 52.33	0387000	172.16.4.4		172.16.4.205	KRB5	242	
1	3546 52.38	9745900	172.16.4.4		172.16.4.205	KRB5	150	
	3558 52.45	4746100	172.16.4.4		172.16.4.205	KRB5	273	
■ Frame 3392: 84 bytes on wire (672 bits), 84 bytes captured (672 bits) on int ■ Ethernet II, Src: Dell_19:49:50 (a4:ba:db:19:49:50), Dst: LenovoEM_b0:63:a4 ■ Internet Protocol Version 4, Src: 172.16.4.4, Dst: 172.16.4.205								
	Transmission Control Protocol, Src Port: 88, Dst Port: 49168, Seq: 1461, Ack							
	[2 Reassembled TCP Segments (1490 bytes): #3391(1460), #3392(30)]							

```
[Coloring Rule Name: TCP]
[Coloring Rule String: tcp]

Ethernet II, Src: Dell_19:49:50 (a4:ba:db:19:49:50), Dst: LenovoEM

□ Destination: LenovoEM_b0:63:a4 (00:59:07:b0:63:a4)

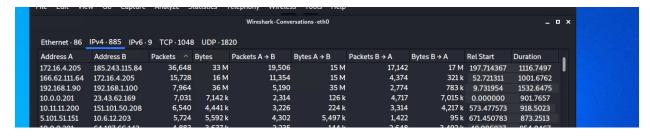
Address: LenovoEM_b0:63:a4 (00:59:07:b0:63:a4)

....0....= LG bit: Globally unique address
....0 ....= IG bit: Individual address (un
```

2. What is the username of the Windows user whose computer is infected?
matthijs.devries

	_								
ip.src==172.16.4.0/24 and kerberos.CNameString									
No.	Time	Source	Dest						
3526	52.286734600	172.16.4.205	172.						
3533	52.302286600	172.16.4.205	172.						
3535	52.330387000	172.16.4.4	172.						
3546	52.389745900	172.16.4.4	172.						
3558	52.454746100	172.16.4.4	172.						
14583	209.466419100	172.16.4.4	172.						
14594	209.523540700	172.16.4.4	172.						
37618	463.142099200	172.16.4.4	172.						
38009	464.493555600	172.16.4.4	172.						
msg-type: krb-tgs-rep (13) crealm: MIND-HAMMER.NET □ cname name-type: kRB5-NT-PRINCIPAL (1) □ cname-string: 1 item CNameString: matthijs.devries									

3. What are the IP addresses used in the actual infection traffic? 172.16.4.205, 185.243.115.84, 166.62.11.64



# ## Illegal Downloads

- 1. Find the following information about the machine with IP address `10.0.0.201`:
  - MAC address

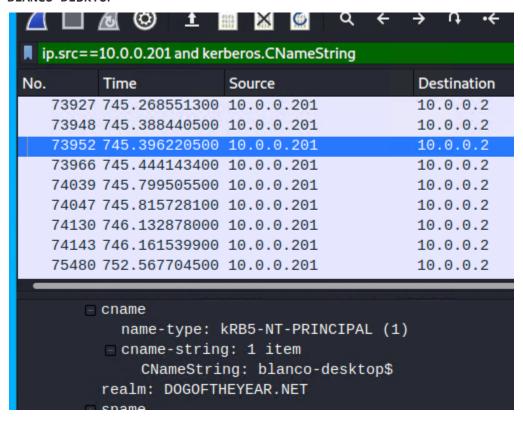
00:16:17:18:66:c8

- Windows username

## elmer.blanco

- OS version

### **BLANCO-DESKTOP**



2. Which torrent file did the user download?

Betty Boop Rythm on the Reservation.avi.torrent

