

Wireshark Lab 2\_Yakubu Iddirisu.pcapng

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

http

No.	Time	Source	Destination	Protocol	Length	Info
49	20:26:44.555471	128.119.245.12	192.168.0.15	TCP	66	[TCP Retransmission] 80 → 60323 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0
50	20:26:44.555640	192.168.0.15	128.119.245.12	TCP	66	[TCP Dup ACK 20#1] 60323 → 80 [ACK] Seq=1 Ack=1 Win=262144 Len=0 SLE=
51	20:26:44.955104	128.119.245.12	192.168.0.15	TCP	66	[TCP Retransmission] 80 → 60325 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=
52	20:26:44.955267	192.168.0.15	128.119.245.12	TCP	66	[TCP Dup ACK 30#1] 60325 → 80 [ACK] Seq=1 Ack=1 Win=262144 Len=0 SLE=

> Frame 52: 66 bytes on wire (528 bits), 66 bytes captured (528 bits) on interface 0

> Ethernet II, Src: IntelCor\_ac:dc:da (f8:34:41:ac:dc:da), Dst: Netgear\_08:ba:da (3c:37:86:08:ba:da)

> Internet Protocol Version 4, Src: 192.168.0.15, Dst: 128.119.245.12

0100 .... = Version: 4

.... 0101 = Header Length: 20 bytes (5)

> Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)

Total Length: 52

Identification: 0x556e (21870)

> Flags: 0x4000, Don't fragment

Time to live: 128

Protocol: TCP (6)

Header checksum: 0x6f1a [validation disabled]

[Header checksum status: Unverified]

0000 3c 37 86 08 ba da f8 34 41 ac dc da 08 00 45 00 <7---4 A---E-

0010 00 34 55 6e 40 00 80 06 6f 1a c0 a8 00 0f 80 77 -4Un@--- o---w

0020 f5 0c eb a5 00 50 38 be 44 cb fa 2e 83 cd 80 10 ---P8- D---.

0030 04 00 5c 0e 00 00 01 05 0a fa 2e 83 cc fa 2e ..\---. ....

0040 83 cd ..

Ready to load or capture

Packets: 52 · Displayed: 52 (100.0%) · Dropped: 0 (0.0%) Profile: Default

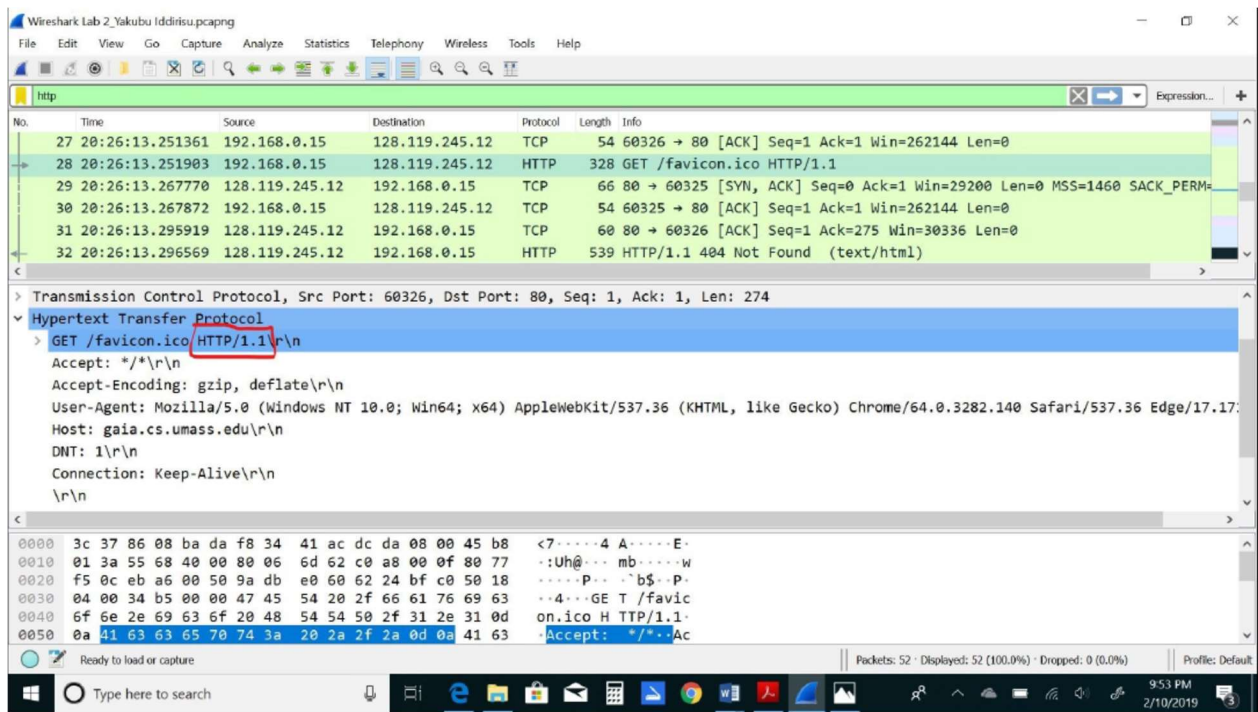
Type here to search

8:43 PM 2/10/2019

## Questions:

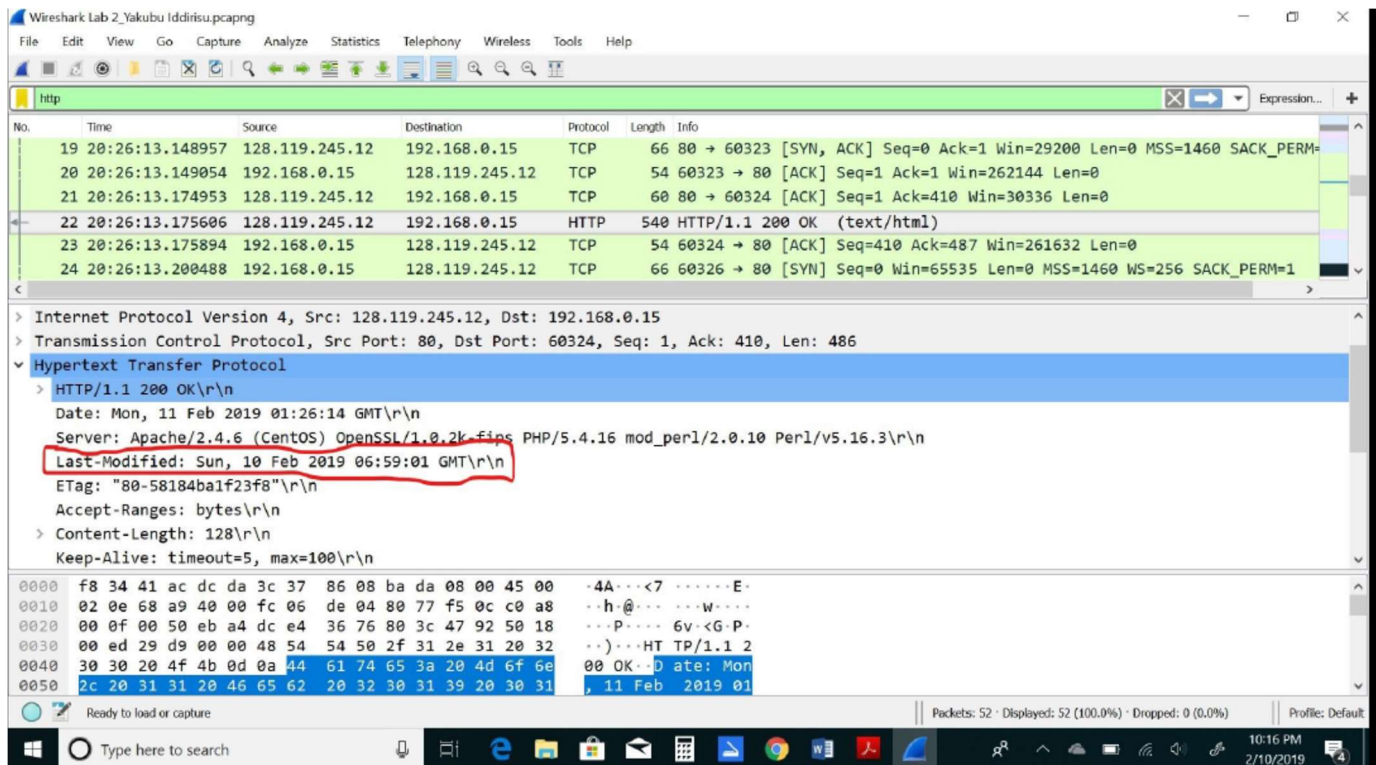
1. Is your browser running HTTP version 1.0 or 1.1?

HTTP version 1.1



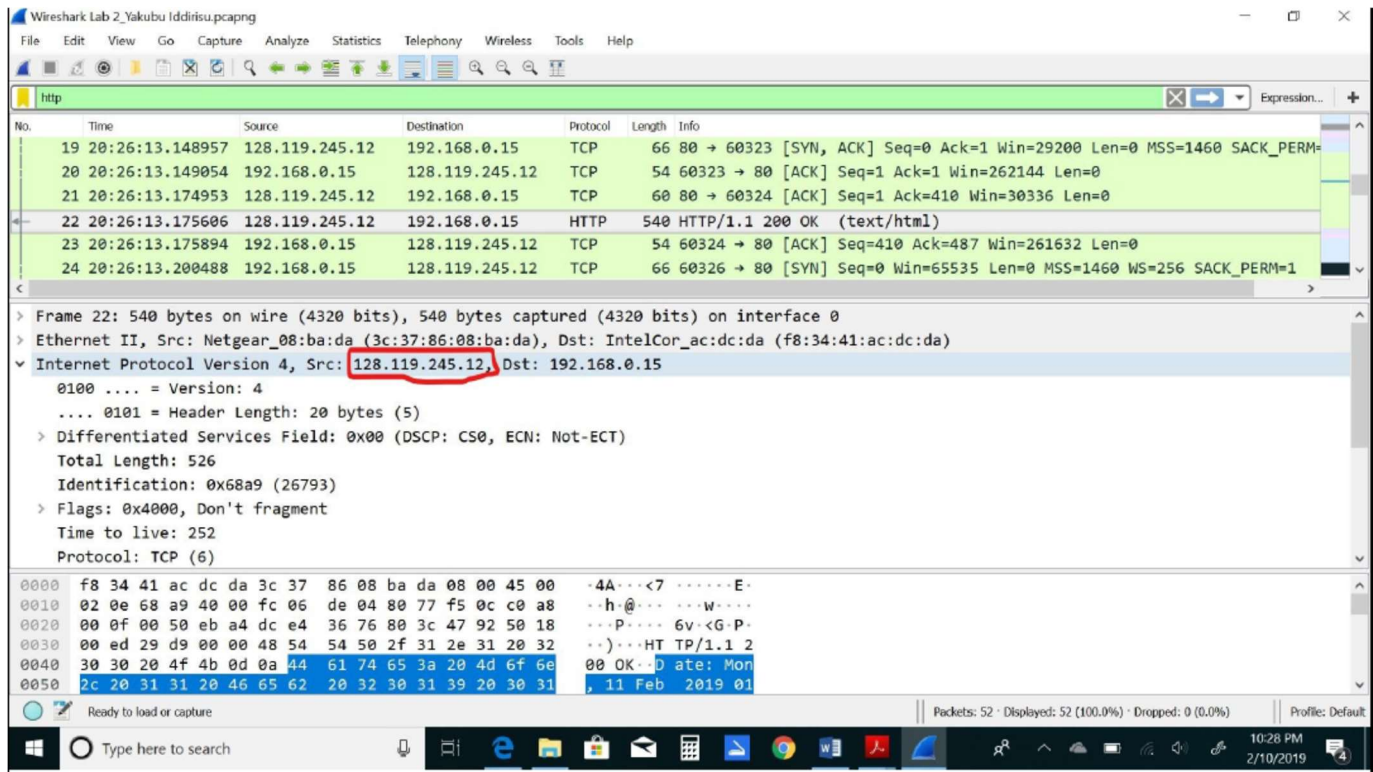
2. When was the HTML file that you are retrieving last modified at the server?

Sunday 10 Feb 2019 06:59:01 GMT



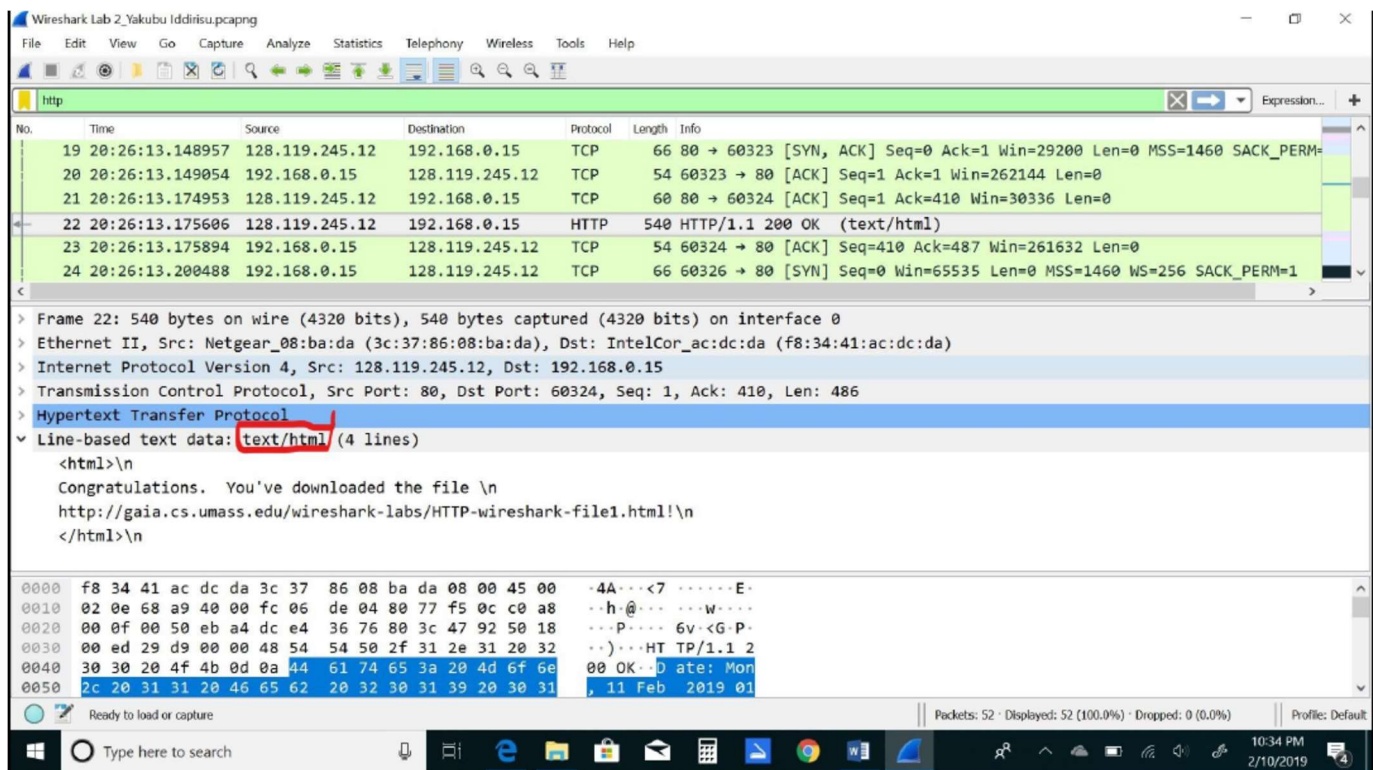
3. What is the IP address of the gaia.cs.umass.edu server?

128.119.245.12



4. What languages does your browser indicate that it can accept to the server?

HTML/Text





5. When was the HTML file that you are retrieving created at the server?

Feb 10, 2019 20:26:13 EST

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http

No.	Time	Source	Destination	Protocol	Length	Info
18	20:26:13.144640	192.168.0.15	128.119.245.12	HTTP	463	GET /wireshark-labs/HTTP-wireshark-file1.html HTTP/1.1
19	20:26:13.148957	128.119.245.12	192.168.0.15	TCP	66	80 → 60323 [SYN, ACK] Seq=0 Ack=1 Win=29200 Len=0 MSS=1460 SACK_PERM=
20	20:26:13.149054	192.168.0.15	128.119.245.12	TCP	54	60323 → 80 [ACK] Seq=1 Ack=1 Win=262144 Len=0
21	20:26:13.174953	128.119.245.12	192.168.0.15	TCP	60	80 → 60324 [ACK] Seq=1 Ack=410 Win=30336 Len=0
22	20:26:13.175606	128.119.245.12	192.168.0.15	HTTP	540	HTTP/1.1 200 OK (text/html)
23	20:26:13.175894	192.168.0.15	128.119.245.12	TCP	54	60324 → 80 [ACK] Seq=410 Ack=487 Win=261632 Len=0

Frame 22: 540 bytes on wire (4320 bits), 540 bytes captured (4320 bits) on interface 0

Interface id: 0 (\Device\NPF\_{1A61960A-18FA-45B0-890D-0D99CAC1A800})

Interface name: \Device\NPF\_{1A61960A-18FA-45B0-890D-0D99CAC1A800}

Encapsulation type: Ethernet (1)

Arrival Time: Feb 10, 2019 20:26:13.175606000 Eastern Standard Time

[Time shift for this packet: 0.00000000 seconds]

Epoch Time: 1549848373.175606000 seconds

[Time delta from previous captured frame: 0.000653000 seconds]

[Time delta from previous displayed frame: 0.000653000 seconds]

[Time since reference or first frame: 14.029574000 seconds]

Frame Number: 22

0000 f8 34 41 ac dc da 3c 37 86 08 ba da 08 00 45 00 .4A...<7 .....E.

0010 02 0e 68 a9 40 00 fc 06 de 04 80 77 f5 0c c0 a8 ..h.@... ..w...

0020 00 0f 00 50 eb a4 dc e4 36 76 80 3c 47 92 50 18 ...P... 6v<G.P.

0030 00 ed 29 d9 00 00 48 54 54 50 2f 31 2e 31 20 32 ..)....HT TP/1.1 2

0040 30 30 20 4f 4b 0d 0a 44 61 74 65 3a 20 4d 6f 6e 00 OK..D ate: Mon

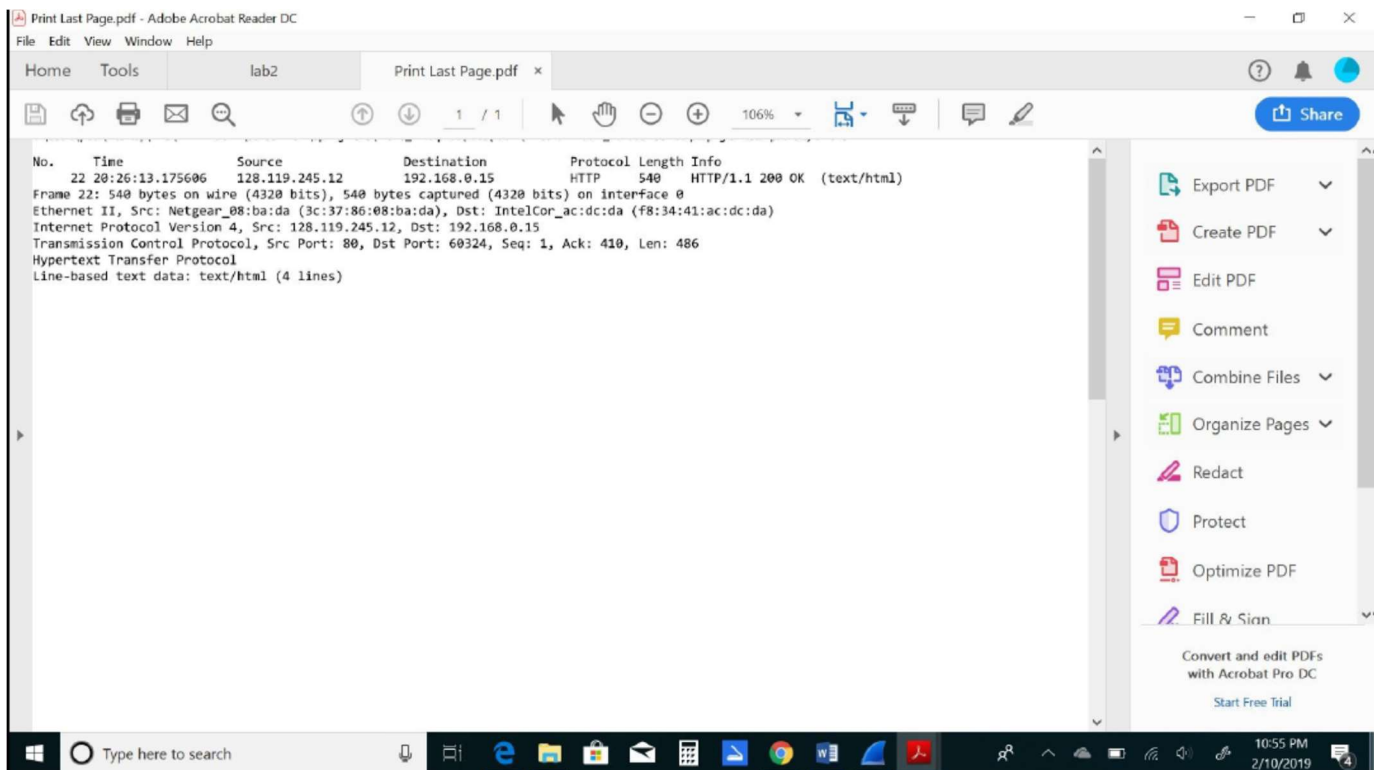
0050 2c 20 31 31 20 46 65 62 20 32 30 31 39 20 30 31 , 11 Feb 2019 01

Ethernet (eth), 14 bytes

Packets: 52 · Displayed: 52 (100.0%) · Dropped: 0 (0.0%)

Profile: Default

11:45 PM 2/10/2019



```
No.      Time          Source          Destination      Protocol Length Info
  22 20:26:13.175606  128.119.245.12  192.168.0.15    HTTP      540    HTTP/1.1 200 OK (text/html)
Frame 22: 540 bytes on wire (4320 bits), 540 bytes captured (4320 bits) on interface 0
Ethernet II, Src: Netgear_08:ba:da (3c:37:86:08:ba:da), Dst: IntelCor_ac:dc:da (f8:34:41:ac:dc:da)
Internet Protocol Version 4, Src: 128.119.245.12, Dst: 192.168.0.15
Transmission Control Protocol, Src Port: 80, Dst Port: 60324, Seq: 1, Ack: 410, Len: 486
Hypertext Transfer Protocol
Line-based text data: text/html (4 lines)
```