Computer Networks Assignment 1

Part 1:

1)

Capturing packets on interface enp0s3 for 120 seconds...

Total data captured: 20,334,857 bytes

Total packets captured: 29,557 Smallest packet: 42 bytes Largest packet: 7,354 bytes

Average packet size: 687.99 bytes

2)

Total unique source-destination pairs: 1066

3)

Source-Destination Pair with Most Data Transferred:

Source: 180.149.61.76:443 -> Destination: 10.7.11.235:53185

Part 2:

 The absolute difference of the Source port and Destination port value is given as 54286, The ACK flag is set, and the last 4 digits of the Acknowledgement number is '1203'. Find the Source IP and Destination IP.

Ans) Matching IPs for port difference & ACK flag: [('10.7.11.235', '180.149.59.137'), ('10.7.11.235', '180.149.59.137')]

 The first two digits of the checksum is 'b5' (it is of the form 0xb5____, hexadecimal notation), the urgent data pointer is set to 0 and the 4 four digits of Raw Sequence Number is '6183'.
 Find the source IP, destination IP and the complete checksum of this packet.

Ans)Matching IPs for checksum & sequence number: [('23.54.155.211', '10.7.11.235', '0xb55a')]

Tell the number of packets where the sum of source and destination ports is between 10,000 and 20,000.

Ans)Count of packets with sum of ports in range: 0

4. Find all such packets whose acknowledgement number (raw) is in between 1678999000 <= ack number <= 1700000000.

Ans) Packets with ACK number in range: [('10.7.11.235', '104.18.32.47', 1691529412), ('10.7.11.235', '104.18.32.47', 1691529412), ('10.7.11.235', '104.18.32.47', 1691529412), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), (10.7.11.235', 104.18.32.47', 1691530787), (10.7.11.235', 104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691530787), ('10.7.11.235', '104.18.32.47', 1691531324), ('10.7.11.235', '104.18.32.47', 1691532353), ('10.7.11.235', '104.18.32.47', 1691532353), ('10.7.11.235', '104.18.32.47', 1691532354), ('10.7.11.235', '142.250.66.10', 1693862525), ('10.7.11.235', '142.250.66.10', 1693862525), ('10.7.11.235', '142.250.66.10', 1693862525), ('10.7.11.235', '142.250.66.10', 1693868173), ('10.7.11.235', '142.250.66.10', 1693873440), ('10.7.11.235', '142.250.66.10', 1693873440), ('10.7.11.235', '142.250.66.10', 1693874466), ('10.7.11.235', '142.250.66.10', 1693874466), ('10.7.11.235', '142.250.66.10', 1693874467), ('10.7.11.235', '23.54.155.206', 1684480870), ('10.7.11.235', '23.54.155.206', 1684480870), ('10.7.11.235', '23.54.155.206', 1684480870), ('10.7.11.235', '23.54.155.206', 1684481134), ('10.7.11.235', '23.54.155.206', 1684481134), ('10.7.11.235', '23.54.155.206', 1684481134), ('10.7.11.235', '23.54.155.206', 1684481482), ('10.7.11.235', '23.54.155.206', 1684481513), ('10.7.11.235', '23.54.155.206', 1684485019), ('10.7.11.235', '23.54.155.206', 1684487939), ('10.7.11.235', '23.54.155.206', 1684490859), ('10.7.11.235', '23.54.155.206', 1684493779), ('10.7.11.235', '23.54.155.206', 1684496699), ('10.7.11.235', '23.54.155.206', 1684499619), ('10.7.11.235', '23.54.155.206', 1684502539), ('10.7.11.235', '23.54.155.206', 1684503676), ('10.7.11.235', '23.54.155.206', 1684503676), ('10.7.11.235', '23.54.155.206', 1684507182), ('10.7.11.235', '23.54.155.206', 1684513022), ('10.7.11.235', '23.54.155.206', 1684515942), ('10.7.11.235', '23.54.155.206', 1684525489), ('10.7.11.235', '23.54.155.206', 1684525489), ('10.7.11.235', '23.54.155.206', 1684526110), ('10.7.11.235', '23.54.155.206', 1684530490), ('10.7.11.235', '23.54.155.206', 1684531950), ('10.7.11.235', '23.54.155.206', 1684534870), ('10.7.11.235', '23.54.155.206', 1684537790), ('10.7.11.235', '23.54.155.206', 1684542170), ('10.7.11.235', '23.54.155.206', 1684543630), ('10.7.11.235', '23.54.155.206', 1684546550), ('10.7.11.235', '23.54.155.206', 1684547719), ('10.7.11.235', '23.54.155.206', 1684547719), ('10.7.11.235', '23.54.155.206', 1684551226), ('10.7.11.235', '23.54.155.206', 1684555606), ('10.7.11.235', '23.54.155.206', 1684559986), ('10.7.11.235', '23.54.155.206', 1684565826), ('10.7.11.235', '23.54.155.206', 1684568746), ('10.7.11.235', '23.54.155.206', 1684569543), ('10.7.11.235', '23.54.155.206', 1684569543), ('10.7.11.235', '23.54.155.206', 1684573049), ('10.7.11.235', '23.54.155.206', 1684575969), ('10.7.11.235', '23.54.155.206', 1684581809), ('10.7.11.235', '23.54.155.206', 1684584729), ('10.7.11.235',

```
'23.54.155.206', 1684587649), ('10.7.11.235', '23.54.155.206', 1684590569),
('10.7.11.235', '23.54.155.206', 1684590569), ('10.7.11.235', '23.54.155.206',
1684591727), ('10.7.11.235', '23.54.155.206', 1684591727), ('10.7.11.235',
'23.54.155.206', 1684592347), ('10.7.11.235', '23.54.155.206', 1684595267),
('10.7.11.235', '23.54.155.206', 1684598187), ('10.7.11.235', '23.54.155.206',
1684601107), ('10.7.11.235', '23.54.155.206', 1684605487), ('10.7.11.235',
'23.54.155.206', 1684606947), ('10.7.11.235', '23.54.155.206', 1684609867),
('10.7.11.235', '23.54.155.206', 1684612787), ('10.7.11.235', '23.54.155.206',
1684613625), ('10.7.11.235', '23.54.155.206', 1684613625), ('10.7.11.235',
'23.54.155.206', 1684613626), ('10.240.8.31', '10.7.11.235', 1694734502), ('10.240.8.31',
'10.7.11.235', 1694735910), ('10.240.8.31', '10.7.11.235', 1694736240), ('10.240.8.31',
'10.7.11.235', 1694736240), ('10.240.8.31', '10.7.11.235', 1694736333), ('10.240.8.31',
'10.7.11.235', 1694736333), ('10.240.8.31', '10.7.11.235', 1694736458), ('10.240.8.31',
'10.7.11.235', 1694736458), ('10.240.8.31', '10.7.11.235', 1694736458), ('10.240.8.31',
'10.7.11.235', 1694737043), ('10.240.8.31', '10.7.11.235', 1694737043), ('10.240.8.31',
'10.7.11.235', 1694737043), ('10.240.8.31', '10.7.11.235', 1694737044), ('23.54.155.211',
'10.7.11.235', 1679943665), ('23.54.155.211', '10.7.11.235', 1679943665),
('23.54.155.211', '10.7.11.235', 1679945788), ('23.54.155.211', '10.7.11.235',
1679945788), ('23.54.155.211', '10.7.11.235', 1679945960), ('23.54.155.211',
'10.7.11.235', 1679946649), ('23.54.155.211', '10.7.11.235', 1679946649),
('23.54.155.211', '10.7.11.235', 1679946649), ('23.54.155.211', '10.7.11.235',
1679946649), ('23.54.155.211', '10.7.11.235', 1679946649), ('23.54.155.211',
'10.7.11.235', 1679946649), ('23.54.155.211', '10.7.11.235', 1679946649),
('23.54.155.211', '10.7.11.235', 1679946649), ('23.54.155.211', '10.7.11.235',
1679946649), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211',
'10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680),
('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235',
1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211',
'10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680),
('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235',
1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211',
'10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680),
('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235',
1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211',
'10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680),
('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235',
1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211',
'10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680),
('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235',
1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211',
'10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680),
('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235',
1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211',
'10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680),
```

('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946680), ('23.54.155.211', '10.7.11.235', 1679946834), ('23.54.155.211',

'10.7.11.235', 1679946834), ('23.54.155.211', '10.7.11.235',

1679946834), ('23.54.155.211', '10.7.11.235', 1679946834),

('23.54.155.211', '10.7.11.235', 1679946834), ('23.54.155.211',

'10.7.11.235', 1679946834), ('23.54.155.211', '10.7.11.235',

1679946834), ('23.54.155.211', '10.7.11.235', 1679946834),

('23.54.155.211', '10.7.11.235', 1679946834), ('23.54.155.211',

'10.7.11.235', 1679946834), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235', 1679947170), ('23.54.155.211', '10.7.11.235',

1679947170), ('23.54.155.211', '10.7.11.235', 1679947324), ('23.54.155.211', '10.7.11.235', 1679947508),

('23.54.155.211', '10.7.11.235', 1679947508), ('23.54.155.211', '10.7.11.235', 1679947508), ('23.54.155.211', '10.7.11.235', 1679947508), ('23.54.155.211', '10.7.11.235', 1679947508), ('23.54.155.211', '10.7.11.235', 1679947508), ('23.54.155.211', '10.7.11.235', 1679947508), ('23.54.155.211', '10.7.11.235', 1679947508), ('23.54.155.211', '10.7.11.235', 1679947662), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211',

'10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679947998), ('23.54.155.211', '10.7.11.235', 1679948336), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948371), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235',

1679948526), ('23.54.155.211', '10.7.11.235', 1679948526),

('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211',

'10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235',

1679948526), ('23.54.155.211', '10.7.11.235', 1679948526),

('23.54.155.211', '10.7.11.235', 1679948526), ('23.54.155.211',

'10.7.11.235', 1679948526), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862). ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235',

1679948862), ('23.54.155.211', '10.7.11.235', 1679948862),

('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211',

'10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862). ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235',

1679948862), ('23.54.155.211', '10.7.11.235', 1679948862),

('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211',

'10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862). ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235',

1679948862), ('23.54.155.211', '10.7.11.235', 1679948862),

('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679948862), ('23.54.155.211', '10.7.11.235', 1679949200), ('23.54.155.211',

'10.7.11.235', 1679949200), ('23.54.155.211', '10.7.11.235',

1679949200), ('23.54.155.211', '10.7.11.235', 1679949200),

('23.54.155.211', '10.7.11.235', 1679949200), ('23.54.155.211',

'10.7.11.235', 1679949200), ('23.54.155.211', '10.7.11.235',

1679949200), ('23.54.155.211', '10.7.11.235', 1679949200),

('23.54.155.211', '10.7.11.235', 1679949200), ('23.54.155.211',

'10.7.11.235', 1679949200), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235',

1679949355), ('23.54.155.211', '10.7.11.235', 1679949355),

('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211',

'10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235',

1679949355), ('23.54.155.211', '10.7.11.235', 1679949355),

('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211',

'10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235',

1679949355), ('23.54.155.211', '10.7.11.235', 1679949355),

('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949355), ('23.54.155.211', '10.7.11.235', 1679949691), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679949726), ('23.54.155.211', '10.7.11.235', 1679950041), ('23.54.155.211',

'10.7.11.235', 1679950041), ('23.54.155.211', '10.7.11.235', 1679950195), ('23.54.155.211', '10.7.11.235',

1679950195), ('23.54.155.211', '10.7.11.235', 1679950195),

('23.54.155.211', '10.7.11.235', 1679950195), ('23.54.155.211',

'10.7.11.235', 1679950195), ('23.54.155.211', '10.7.11.235',

1679950195), ('23.54.155.211', '10.7.11.235', 1679950195),

('23.54.155.211', '10.7.11.235', 1679950195), ('23.54.155.211',

'10.7.11.235', 1679950195), ('23.54.155.211', '10.7.11.235',

1679950195), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950532),

('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211',

'10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235',

1679950532), ('23.54.155.211', '10.7.11.235', 1679950532),

('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211',

'10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235',

1679950532), ('23.54.155.211', '10.7.11.235', 1679950532),

('23.54.155.211', '10.7.11.235', 1679950532), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211',

'10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679950870), ('23.54.155.211', '10.7.11.235', 1679951024), ('23.54.155.211', '10.7.11.235',

1679951024), ('23.54.155.211', '10.7.11.235', 1679951059), ('23.54.155.211', '10.7.11.235', 1679951059),

('23.54.155.211', '10.7.11.235', 1679951059), ('23.54.155.211',

'10.7.11.235', 1679951059), ('23.54.155.211', '10.7.11.235',

1679951059), ('23.54.155.211', '10.7.11.235', 1679951059),

('23.54.155.211', '10.7.11.235', 1679951059), ('23.54.155.211',

'10.7.11.235', 1679951059), ('23.54.155.211', '10.7.11.235',

1679951059), ('23.54.155.211', '10.7.11.235', 1679951395), ('23.54.155.211', '10.7.11.235', 1679951395),

('23.54.155.211', '10.7.11.235', 1679951395), ('23.54.155.211', '10.7.11.235', 1679951395), ('23.54.155.211', '10.7.11.235', 1679951395), ('23.54.155.211', '10.7.11.235', 1679951395), ('23.54.155.211', '10.7.11.235', 1679951734), ('23.54.155.211',

'10.7.11.235', 1679951734), ('23.54.155.211', '10.7.11.235',

1679951734), ('23.54.155.211', '10.7.11.235', 1679951734),

('23.54.155.211', '10.7.11.235', 1679951734), ('23.54.155.211',

'10.7.11.235', 1679951734), ('23.54.155.211', '10.7.11.235',

1679951734), ('23.54.155.211', '10.7.11.235', 1679951734),

('23.54.155.211', '10.7.11.235', 1679951734), ('23.54.155.211', '10.7.11.235', 1679951734), ('23.54.155.211', '10.7.11.235', 1679951734), ('23.54.155.211', '10.7.11.235', 1679951734), ('23.54.155.211', '10.7.11.235', 1679951888), ('23.54.155.211', '10.7.11.235', 1679952224), ('23.54.155.211',

'10.7.11.235', 1679952224), ('23.54.155.211', '10.7.11.235',

1679952224), ('23.54.155.211', '10.7.11.235', 1679952224),

('23.54.155.211', '10.7.11.235', 1679952224), ('23.54.155.211',

'10.7.11.235', 1679952224), ('23.54.155.211', '10.7.11.235',

1679952224), ('23.54.155.211', '10.7.11.235', 1679952224),

('23.54.155.211', '10.7.11.235', 1679952224), ('23.54.155.211',

```
'10.7.11.235', 1679952224), ('23.54.155.211', '10.7.11.235', 1679952224),
('23.54.155.211', '10.7.11.235', 1679952224), ('23.54.155.211', '10.7.11.235',
1679952224), ('23.54.155.211', '10.7.11.235', 1679952224), ('23.54.155.211',
'10.7.11.235', 1679952224), ('23.54.155.211', '10.7.11.235', 1679952224),
('23.54.155.211', '10.7.11.235', 1679952224), ('23.54.155.211', '10.7.11.235',
1679952224), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952561), ('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211',
'10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235', 1679952561),
('23.54.155.211', '10.7.11.235', 1679952561), ('23.54.155.211', '10.7.11.235',
1679952596), ('23.54.155.211', '10.7.11.235', 1679952597), ('10.7.11.235', '10.0.136.7',
1684711670), ('10.7.11.235', '10.0.136.7', 1684711670), ('10.7.11.235', '10.0.136.7',
1684711670), ('10.7.11.235', '10.0.136.7', 1684711755), ('10.0.136.7', '10.7.11.235',
1681478493), ('10.7.11.235', '10.0.136.7', 1684711756), ('10.0.136.7', '10.7.11.235',
1681478495), ('10.0.136.7', '10.7.11.235', 1681478528), ('10.0.136.7', '10.7.11.235',
1681478528), ('10.0.136.7', '10.7.11.235', 1681478529), ('142.250.192.197',
'10.7.11.235', 1685282351), ('142.250.192.197', '10.7.11.235', 1685282351),
('142.250.192.197', '10.7.11.235', 1685284627), ('142.250.192.197', '10.7.11.235',
1685284627), ('142.250.192.197', '10.7.11.235', 1685284627), ('142.250.192.197',
'10.7.11.235', 1685284627), ('142.250.192.197', '10.7.11.235', 1685284627),
('142.250.192.197', '10.7.11.235', 1685284793), ('142.250.192.197', '10.7.11.235',
1685287713), ('142.250.192.197', '10.7.11.235', 1685290027), ('142.250.192.197',
```

```
'10.7.11.235', 1685292947), ('142.250.192.197', '10.7.11.235', 1685294942),
('142.250.192.197', '10.7.11.235', 1685295476), ('142.250.192.197', '10.7.11.235',
1685295476), ('142.250.192.197', '10.7.11.235', 1685295476), ('142.250.192.197',
'10.7.11.235', 1685295507), ('142.250.192.197', '10.7.11.235', 1685295507),
('142.250.192.197', '10.7.11.235', 1685295507), ('142.250.192.197', '10.7.11.235',
1685295507), ('142.250.192.197', '10.7.11.235', 1685295507), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
```

```
1685295546), ('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197',
'10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235', 1685295546),
('142.250.192.197', '10.7.11.235', 1685295546), ('142.250.192.197', '10.7.11.235',
1685295546), ('142.250.192.197', '10.7.11.235', 1685298466), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
```

```
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235', 1685300532),
('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197', '10.7.11.235',
1685300532), ('142.250.192.197', '10.7.11.235', 1685300532), ('142.250.192.197',
'10.7.11.235', 1685300571), ('142.250.192.197', '10.7.11.235', 1685300571),
('142.250.192.197', '10.7.11.235', 1685300571), ('142.250.192.197', '10.7.11.235',
1685300571), ('142.250.192.197', '10.7.11.235', 1685303491), ('142.250.192.197',
'10.7.11.235', 1685305392), ('142.250.192.197', '10.7.11.235', 1685305392),
('142.250.192.197', '10.7.11.235', 1685305392), ('142.250.192.197', '10.7.11.235',
1685305392), ('142.250.192.197', '10.7.11.235', 1685305392), ('142.250.192.197',
'10.7.11.235', 1685305392), ('142.250.192.197', '10.7.11.235', 1685305431),
('142.250.192.197', '10.7.11.235', 1685308351), ('142.250.192.197', '10.7.11.235',
1685310307), ('142.250.192.197', '10.7.11.235', 1685310835), ('142.250.192.197',
'10.7.11.235', 1685313755), ('142.250.192.197', '10.7.11.235', 1685315878),
('142.250.192.197', '10.7.11.235', 1685315878), ('142.250.192.197', '10.7.11.235',
1685315878), ('142.250.192.197', '10.7.11.235', 1685315878), ('142.250.192.197',
'10.7.11.235', 1685315878), ('142.250.192.197', '10.7.11.235', 1685315878),
('142.250.192.197', '10.7.11.235', 1685315917), ('142.250.192.197', '10.7.11.235',
1685315917), ('142.250.192.197', '10.7.11.235', 1685315917), ('142.250.192.197',
'10.7.11.235', 1685315917), ('142.250.192.197', '10.7.11.235', 1685315917),
('142.250.192.197', '10.7.11.235', 1685315956), ('142.250.192.197', '10.7.11.235',
1685318876), ('142.250.192.197', '10.7.11.235', 1685321000), ('142.250.192.197',
'10.7.11.235', 1685323920), ('142.250.192.197', '10.7.11.235', 1685324066),
('142.250.192.197', '10.7.11.235', 1685324066), ('142.250.192.197', '10.7.11.235',
1685324105), ('142.250.192.197', '10.7.11.235', 1685324105), ('142.250.192.197',
```

```
'10.7.11.235', 1685324105), ('142.250.192.197', '10.7.11.235', 1685324105),
('142.250.192.197', '10.7.11.235', 1685324105), ('142.250.192.197', '10.7.11.235',
1685324144), ('142.250.192.197', '10.7.11.235', 1685327064), ('142.250.192.197',
'10.7.11.235', 1685328643), ('142.250.192.197', '10.7.11.235', 1685330222),
('142.250.192.197', '10.7.11.235', 1685333142), ('142.250.192.197', '10.7.11.235',
1685334874), ('142.250.192.197', '10.7.11.235', 1685337794), ('142.250.192.197',
'10.7.11.235', 1685339878), ('142.250.192.197', '10.7.11.235', 1685339878),
('142.250.192.197', '10.7.11.235', 1685339878), ('142.250.192.197', '10.7.11.235',
1685339878), ('142.250.192.197', '10.7.11.235', 1685339878), ('142.250.192.197',
'10.7.11.235', 1685339878), ('142.250.192.197', '10.7.11.235', 1685339878),
('142.250.192.197', '10.7.11.235', 1685339878), ('142.250.192.197', '10.7.11.235',
1685339878), ('142.250.192.197', '10.7.11.235', 1685339878), ('142.250.192.197',
'10.7.11.235', 1685339878), ('142.250.192.197', '10.7.11.235', 1685339878),
('142.250.192.197', '10.7.11.235', 1685339878), ('142.250.192.197', '10.7.11.235',
1685339878), ('142.250.192.197', '10.7.11.235', 1685339913), ('142.250.192.197',
'10.7.11.235', 1685339913), ('142.250.192.197', '10.7.11.235', 1685339913),
('142.250.192.197', '10.7.11.235', 1685339913), ('142.250.192.197', '10.7.11.235',
1685339913), ('142.250.192.197', '10.7.11.235', 1685339913), ('142.250.192.197',
'10.7.11.235', 1685339913), ('142.250.192.197', '10.7.11.235', 1685339913),
('142.250.192.197', '10.7.11.235', 1685339913), ('142.250.192.197', '10.7.11.235',
1685339913), ('142.250.192.197', '10.7.11.235', 1685339913), ('142.250.192.197',
'10.7.11.235', 1685339913), ('142.250.192.197', '10.7.11.235', 1685339913),
('142.250.192.197', '10.7.11.235', 1685339913), ('142.250.192.197', '10.7.11.235',
1685339952), ('142.250.192.197', '10.7.11.235', 1685339952), ('142.250.192.197',
'10.7.11.235', 1685339952), ('142.250.192.197', '10.7.11.235', 1685339952),
('142.250.192.197', '10.7.11.235', 1685339952), ('142.250.192.197', '10.7.11.235',
1685339952), ('142.250.192.197', '10.7.11.235', 1685339952), ('142.250.192.197',
'10.7.11.235', 1685339952), ('142.250.192.197', '10.7.11.235', 1685339952),
('142.250.192.197', '10.7.11.235', 1685339952), ('142.250.192.197', '10.7.11.235',
1685342872), ('142.250.192.197', '10.7.11.235', 1685344684), ('142.250.192.197',
'10.7.11.235', 1685344684), ('142.250.192.197', '10.7.11.235', 1685344684),
('142.250.192.197', '10.7.11.235', 1685344723), ('142.250.192.197', '10.7.11.235',
1685344723), ('142.250.192.197', '10.7.11.235', 1685344723), ('142.250.192.197',
'10.7.11.235', 1685344723), ('142.250.192.197', '10.7.11.235', 1685344723),
('142.250.192.197', '10.7.11.235', 1685344723), ('142.250.192.197', '10.7.11.235',
1685344723), ('142.250.192.197', '10.7.11.235', 1685344762), ('142.250.192.197',
'10.7.11.235', 1685347682), ('142.250.192.197', '10.7.11.235', 1685349540),
('142.250.192.197', '10.7.11.235', 1685349540), ('142.250.192.197', '10.7.11.235',
1685349540), ('142.250.192.197', '10.7.11.235', 1685349540), ('142.250.192.197',
'10.7.11.235', 1685349540), ('142.250.192.197', '10.7.11.235', 1685349540),
('142.250.192.197', '10.7.11.235', 1685349540), ('142.250.192.197', '10.7.11.235',
1685349579), ('142.250.192.197', '10.7.11.235', 1685352499), ('142.250.192.197',
'10.7.11.235', 1685354391), ('142.250.192.197', '10.7.11.235', 1685354391),
('142.250.192.197', '10.7.11.235', 1685354391), ('142.250.192.197', '10.7.11.235',
```

```
1685354391), ('142.250.192.197', '10.7.11.235', 1685354430), ('142.250.192.197',
'10.7.11.235', 1685357350), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359340),
('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235',
1685359340), ('142.250.192.197', '10.7.11.235', 1685359340), ('142.250.192.197',
'10.7.11.235', 1685359340), ('142.250.192.197', '10.7.11.235', 1685359379),
('142.250.192.197', '10.7.11.235', 1685362299), ('142.250.192.197', '10.7.11.235',
1685364295), ('142.250.192.197', '10.7.11.235', 1685364295), ('142.250.192.197',
'10.7.11.235', 1685364295), ('142.250.192.197', '10.7.11.235', 1685364295),
('142.250.192.197', '10.7.11.235', 1685364334), ('142.250.192.197', '10.7.11.235',
1685367254), ('142.250.192.197', '10.7.11.235', 1685369256), ('142.250.192.197',
'10.7.11.235', 1685369256), ('142.250.192.197', '10.7.11.235', 1685369256),
('142.250.192.197', '10.7.11.235', 1685369256), ('142.250.192.197', '10.7.11.235',
1685369295), ('142.250.192.197', '10.7.11.235', 1685372215), ('142.250.192.197',
'10.7.11.235', 1685374228), ('142.250.192.197', '10.7.11.235', 1685374228),
```

```
('142.250.192.197', '10.7.11.235', 1685374228), ('142.250.192.197', '10.7.11.235',
1685374228), ('142.250.192.197', '10.7.11.235', 1685374228), ('142.250.192.197',
'10.7.11.235', 1685374228), ('142.250.192.197', '10.7.11.235', 1685374228),
('142.250.192.197', '10.7.11.235', 1685375727), ('142.250.192.197', '10.7.11.235',
1685378647), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235',
1685379252), ('142.250.192.197', '10.7.11.235', 1685379252), ('142.250.192.197',
'10.7.11.235', 1685379252), ('142.250.192.197', '10.7.11.235', 1685379252),
('142.250.192.197', '10.7.11.235', 1685379291), ('142.250.192.197', '10.7.11.235',
1685382211), ('142.250.192.197', '10.7.11.235', 1685384278), ('142.250.192.197',
'10.7.11.235', 1685387198), ('142.250.192.197', '10.7.11.235', 1685389160),
('142.250.192.197', '10.7.11.235', 1685389160), ('142.250.192.197', '10.7.11.235',
1685389160), ('142.250.192.197', '10.7.11.235', 1685389160), ('142.250.192.197',
'10.7.11.235', 1685389199), ('142.250.192.197', '10.7.11.235', 1685392119),
('142.250.192.197', '10.7.11.235', 1685393756), ('142.250.192.197', '10.7.11.235',
1685393756), ('142.250.192.197', '10.7.11.235', 1685393756), ('142.250.192.197',
```

```
'10.7.11.235', 1685393756), ('142.250.192.197', '10.7.11.235', 1685393756),
('142.250.192.197', '10.7.11.235', 1685393795), ('142.250.192.197', '10.7.11.235',
1685393795), ('142.250.192.197', '10.7.11.235', 1685393795), ('142.250.192.197',
'10.7.11.235', 1685393795), ('142.250.192.197', '10.7.11.235', 1685393795),
('142.250.192.197', '10.7.11.235', 1685393795), ('142.250.192.197', '10.7.11.235',
1685393795), ('142.250.192.197', '10.7.11.235', 1685393795), ('142.250.192.197',
'10.7.11.235', 1685393795), ('142.250.192.197', '10.7.11.235', 1685393795),
('142.250.192.197', '10.7.11.235', 1685393795), ('142.250.192.197', '10.7.11.235',
1685393834), ('142.250.192.197', '10.7.11.235', 1685396754), ('142.250.192.197',
'10.7.11.235', 1685399612), ('142.250.192.197', '10.7.11.235', 1685399742),
('142.250.192.197', '10.7.11.235', 1685399742), ('142.250.192.197', '10.7.11.235',
1685399742), ('142.250.192.197', '10.7.11.235', 1685399742), ('142.250.192.197',
'10.7.11.235', 1685399742), ('142.250.192.197', '10.7.11.235', 1685399742),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
```

```
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235',
1685399777), ('142.250.192.197', '10.7.11.235', 1685399777), ('142.250.192.197',
'10.7.11.235', 1685399777), ('142.250.192.197', '10.7.11.235', 1685399777),
('142.250.192.197', '10.7.11.235', 1685402697), ('142.250.192.197', '10.7.11.235',
1685404813), ('142.250.192.197', '10.7.11.235', 1685404869), ('142.250.192.197',
'10.7.11.235', 1685404869), ('142.250.192.197', '10.7.11.235', 1685404869),
('142.250.192.197', '10.7.11.235', 1685404869), ('142.250.192.197', '10.7.11.235',
1685404869), ('142.250.192.197', '10.7.11.235', 1685404869), ('142.250.192.197',
'10.7.11.235', 1685404869), ('142.250.192.197', '10.7.11.235', 1685404869),
('142.250.192.197', '10.7.11.235', 1685404869), ('142.250.192.197', '10.7.11.235',
1685404869), ('142.250.192.197', '10.7.11.235', 1685404869), ('142.250.192.197',
'10.7.11.235', 1685404869), ('142.250.192.197', '10.7.11.235', 1685404869),
('142.250.192.197', '10.7.11.235', 1685404869), ('142.250.192.197', '10.7.11.235',
1685404869), ('142.250.192.197', '10.7.11.235', 1685404869), ('142.250.192.197',
'10.7.11.235', 1685404869), ('142.250.192.197', '10.7.11.235', 1685404908),
('142.250.192.197', '10.7.11.235', 1685404908), ('142.250.192.197', '10.7.11.235',
1685404908), ('142.250.192.197', '10.7.11.235', 1685404908), ('142.250.192.197',
'10.7.11.235', 1685404908), ('142.250.192.197', '10.7.11.235', 1685404947),
('142.250.192.197', '10.7.11.235', 1685407867), ('142.250.192.197', '10.7.11.235',
1685409793), ('142.250.192.197', '10.7.11.235', 1685412713), ('142.250.192.197',
'10.7.11.235', 1685414639), ('142.250.192.197', '10.7.11.235', 1685414639),
('142.250.192.197', '10.7.11.235', 1685414639), ('142.250.192.197', '10.7.11.235',
1685414639), ('142.250.192.197', '10.7.11.235', 1685414639), ('142.250.192.197',
'10.7.11.235', 1685414639), ('142.250.192.197', '10.7.11.235', 1685414639),
```

```
('142.250.192.197', '10.7.11.235', 1685414639), ('142.250.192.197', '10.7.11.235',
1685414639), ('142.250.192.197', '10.7.11.235', 1685414639), ('142.250.192.197',
'10.7.11.235', 1685414639), ('142.250.192.197', '10.7.11.235', 1685414639),
('142.250.192.197', '10.7.11.235', 1685414639), ('142.250.192.197', '10.7.11.235',
1685414674), ('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197',
'10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235', 1685414674),
('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235',
1685414674), ('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197',
'10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235', 1685414674),
('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235',
1685414674), ('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197',
'10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235', 1685414674),
('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235',
1685414674), ('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197',
'10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235', 1685414674),
('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235',
1685414674), ('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197',
'10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235', 1685414674),
('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235',
1685414674), ('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197',
'10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235', 1685414674),
('142.250.192.197', '10.7.11.235', 1685414674), ('142.250.192.197', '10.7.11.235',
1685414713), ('142.250.192.197', '10.7.11.235', 1685417633), ('142.250.192.197',
'10.7.11.235', 1685419646), ('142.250.192.197', '10.7.11.235', 1685421145),
('142.250.192.197', '10.7.11.235', 1685424065), ('142.250.192.197', '10.7.11.235',
1685424502), ('142.250.192.197', '10.7.11.235', 1685424502), ('142.250.192.197',
'10.7.11.235', 1685424502), ('142.250.192.197', '10.7.11.235', 1685424502),
('142.250.192.197', '10.7.11.235', 1685424502), ('142.250.192.197', '10.7.11.235',
1685424541), ('142.250.192.197', '10.7.11.235', 1685424541), ('142.250.192.197',
'10.7.11.235', 1685424541), ('142.250.192.197', '10.7.11.235', 1685424541),
('142.250.192.197', '10.7.11.235', 1685424541), ('142.250.192.197', '10.7.11.235',
1685424541), ('142.250.192.197', '10.7.11.235', 1685424541), ('142.250.192.197',
'10.7.11.235', 1685424541), ('142.250.192.197', '10.7.11.235', 1685424541),
('142.250.192.197', '10.7.11.235', 1685424541), ('142.250.192.197', '10.7.11.235',
1685424541), ('142.250.192.197', '10.7.11.235', 1685424541), ('142.250.192.197',
'10.7.11.235', 1685424541), ('142.250.192.197', '10.7.11.235', 1685424541),
('142.250.192.197', '10.7.11.235', 1685424541), ('142.250.192.197', '10.7.11.235',
1685424541), ('142.250.192.197', '10.7.11.235', 1685424541), ('142.250.192.197',
'10.7.11.235', 1685424580), ('142.250.192.197', '10.7.11.235', 1685424580),
('142.250.192.197', '10.7.11.235', 1685424580), ('142.250.192.197', '10.7.11.235',
1685424580), ('142.250.192.197', '10.7.11.235', 1685424580), ('142.250.192.197',
'10.7.11.235', 1685427500), ('142.250.192.197', '10.7.11.235', 1685428634),
('142.250.192.197', '10.7.11.235', 1685428634), ('142.250.192.197', '10.7.11.235',
1685428634), ('142.250.192.197', '10.7.11.235', 1685428634), ('142.250.192.197',
```

'10.7.11.235', 1685428634), ('142.250.192.197', '10.7.11.235', 1685428673), ('142.250.192.197', '10.7.11.235', 1685431593), ('142.250.192.197', '10.7.11.235', 1685431737), ('142.250.192.197', '10.7.11.235', 1685431737), ('142.250.192.197', '10.7.11.235', 1685431776), ('142.250.192.197', '10.7.11.235', 1685431777), ('52.10.219.207', '10.7.11.235', 1689806917), ('52.10.219.207', '10.7.11.235', 1689806917), ('52.10.219.207', '10.7.11.235', 1689808928), ('52.10.219.207', '10.7.11.235', 1689808928), ('52.10.219.207', '10.7.11.235', 1689808928), ('52.10.219.207', '10.7.11.235', 1689808928), ('52.10.219.207', '10.7.11.235', 1689809084), ('52.10.219.207', '10.7.11.235', 1689811174), ('52.10.219.207', '10.7.11.235', 1689812930), ('52.10.219.207', '10.7.11.235', 1689812930), ('52.10.219.207', '10.7.11.235', 1689812930), ('52.10.219.207', '10.7.11.235', 1689812961), ('52.10.219.207', '10.7.11.235', 1689812961), ('52.10.219.207', '10.7.11.235', 1689814005), ('52.10.219.207', '10.7.11.235', 1689814005), ('52.10.219.207', '10.7.11.235', 1689814932), ('52.10.219.207', '10.7.11.235', 1689814932), ('52.10.219.207', '10.7.11.235', 1689815945), ('52.10.219.207', '10.7.11.235', 1689815945), ('52.10.219.207', '10.7.11.235', 1689816957), ('52.10.219.207', '10.7.11.235', 1689816957), ('52.10.219.207', '10.7.11.235', 1689818017), ('52.10.219.207', '10.7.11.235', 1689818017), ('52.10.219.207', '10.7.11.235', 1689819039), ('52.10.219.207', '10.7.11.235', 1689819039), ('52.10.219.207', '10.7.11.235', 1689820054), ('52.10.219.207', '10.7.11.235', 1689820054), ('52.10.219.207', '10.7.11.235', 1689821122), ('52.10.219.207', '10.7.11.235', 1689821122), ('52.10.219.207', '10.7.11.235', 1689822151), ('52.10.219.207', '10.7.11.235', 1689822151), ('52.10.219.207', '10.7.11.235', 1689823172), ('52.10.219.207', '10.7.11.235', 1689823172), ('52.10.219.207', '10.7.11.235', 1689824194), ('52.10.219.207', '10.7.11.235', 1689824194), ('52.10.219.207', '10.7.11.235', 1689825138), ('52.10.219.207', '10.7.11.235', 1689825138), ('52.10.219.207', '10.7.11.235', 1689826601), ('52.10.219.207', '10.7.11.235', 1689826601), ('52.10.219.207', '10.7.11.235', 1689826602)]

Part 3:

a)

SMTP (Simple Mail Transfer Protocol)

Layer: Application Layer

Operation: SMTP is used to transmit emails from a client to a mail server or between

mail servers, and it communicates via TCP port 25.

RFC: RFC 5321

SNMP (Simple Network Management Protocol)

Layer: Application Layer

Operation: SNMP is used to monitor and manage network devices (such as routers

and switches), allowing network managers to collect and alter device data.

RFC: RFC 1157

NTP (Network Time Protocol)

Layer: Application Layer

Operation: NTP is used to synchronise clocks between computers on a network,

ensuring that systems all over the world keep correct and consistent time.

RFC: RFC 5905

LDAP (Lightweight Directory Access Protocol)

Layer: Application Layer

Operation: LDAP is a protocol for accessing and administering directory services, such as requesting user information in an organization's database for authentication and directory search.

RFC: RFC 4511

Telnet

Layer: Application Layer

Operation: Telnet allows a user to log into a distant device or computer across a network and provides a command-line interface for remote administration.

RFC: RFC 854

b)

Analysis of Request Line, Protocol Version, and Persistent Connection

By visiting the websites Netflix, GitHub, and Canara Bank, we have analyzed the request-response details, including the IP addresses, request line, and persistent connections.

Browser - Chrome

1. Canara Bank:

- Request Line:
 - o GET / HTTP/1.1
- IP Address:
 - 0 107.162.160.8:443
- Connection Type:
 - Persistent/Non-Persistent: The connection is non-persistent, as indicated by the connection: close header in the response, which tells the server to close the connection after completing the request.
- Request Header Fields:

- o accept:
 - text/html,application/xhtml+xml,application/xml;q=0.9, image/avif,image/webp,image/apng,*/*;q=0.8,application /signed-exchange;v=b3;q=0.7
- o accept-encoding:gzip, deflate, br, zstd
- o accept-language: en-GB, en-US; q=0.9, en; q=0.8

• Response Header Fields:

- o cache-control: public, max-age=36000
- o connection: close
- content-security-policy: default-src data: https:; img-src * 'self' data: https:; style-src 'self' 'unsafe-inline' fonts.googleapis.com stackpath.bootstrapcdn.com cdnjs.cloudflare.com cdn.jsdelivr.net; script-src 'self' cdnjs.cloudflare.com cdn.jsdelivr.net www.googletagmanager.com code.highcharts.com cabprod.gupshup.io 'unsafe-inline' 'unsafe-eval';
- Connection: Persistent

2. Netflix:

Set-Cookie:	netflix-sans-normal-3-loaded=true; Max-Age=7776000; Domain=.netflix.com;
	Path=/
Set-Cookie:	netflix-sans-bold-3-loaded=true; Max-Age=7776000; Domain=.netflix.com;
	Path=/
Set-Cookie:	flwssn=af2888d7-a177-4807-8547-f5f98aa27cc9; Max-Age=10800;

flwssn=af2888d7-a177-4807-8547-f5f98aa27cc9; Cookie: nfvdid=BQFmAAEBEIxgJRUAHAU_9scblRYPrzxA0vaTIEU2sRyqC8smvqN4KBWNE2rc7n4SLT0xM7N6InHCPEVJYmd4L6GcvFIIVmPM6zXrut9UGQDWjAMacconditional for the control of the control1grSmA%3D%3D; NetflixId=v%3D3%26ct%3DBgjHlOvcAxLAAUJUT1NlvKOEeQjwduo_oNrBM0zr1nMk xCbTOn3ICZQneE4qTPUhe97CvKkdhtaPDCOPAv9PiMCyKaKPJ3f7oUbEjpThnc3U7SH wKhnlQ6BmeEYDzKxkPLPPP92InGUjFLRxk1WMms6SxFC46NFp0ioRIU3AbM5DN5spl UGNG6ml_dlAvMWFyeQO1YKD0KrbhZ_8BFuzF8tnsHtwO7wSLOdoJaLLe8i1IZHoOtq Kx0nrWATYQpIF3PAVXnBqGIq4KDFwVkwSERTWPk5oEUq..; netflix-sans-normal-3loaded=true; netflix-sans-bold-3-loaded=true; OptanonConsent=isGpcEnabled=0&datestamp=Sat+Feb+01+2025+21%3A05%3A3 3+GMT%2B0530+ (India+Standard+Time)&version=202411.1.0&browserGpcFlag=0&isIABGlobal=false &hosts=&consentId=9d1ed2e4-7b39-420c-b7d6-7d740d0ca1c9&interactionCount=1&isAnonUser=1&landingPath=https%3A%2F%2 Fwww.netflix.com%2Fin%2F&groups=C0001%3A1%2CC0002%3A1%2CC0003%3A1 %2CC0004%3A1

Set-Cookie: netflix-sans-normal-3-loaded=true; Max-Age=7776000; Domain=.netflix.com; Path=/; Secure; HttpOnly

Set-Cookie: netflix-sans-bold-3-loaded=true; Max-Age=7776000; Domain=.netflix.com; Path=/; Secure; HttpOnly

Set-Cookie: flwssn=af2888d7-a177-4807-8547-f5f98aa27cc9; Max-Age=10800; Domain=.netflix.com; Path=/; Secure; HttpOnly

- Request Line:
 - o GET / HTTP/2
- IP Address:
 - o 54.246.79.9:443
- Connection Type:
 - Persistent/Non-Persistent: The connection is non-persistent, as the cache-control: no-cache, no-store header and the content-security-policy-report-only header suggest that the resources are not cached, implying a fresh connection each time.
- Request Header Fields:
 - o accept: text/html,application/xhtml+xml,application/xml;q=0.9,

```
image/avif,image/webp,image/apng,*/*;q=0.8,application
/signed-exchange;v=b3;q=0.7
```

- o accept-encoding: gzip, deflate, br, zstd
- o accept-language: en-GB, en-US; q=0.9, en; q=0.8

Response Header Fields:

- o accept-ch: Sec-CH-UA-Platform-Version, Sec-CH-UA-Model
- o cache-control: no-cache, no-store
- o content-security-policy-report-only:default-src https:
 wss: 'unsafe-inline' 'unsafe-eval'; font-src https:
 data: ; img-src https: data: blob: ; media-src https:
 blob: ; worker-src https: blob: ; report-uri
 https://www.netflix.com/log/www/csp/1;
- Connection: Not Persistent

3. GitHub:

- Request Line:
 - o GET / HTTP/2
- IP Address:
 - 0 20.207.73.82:443
- Connection Type:
 - Persistent/Non-Persistent: The connection is likely persistent since there is no explicit connection: close header, and the cache-control: max-age=0, private, must-revalidate suggests that resources might be re-used for the current session.

Request Header Fields:

o accept:

```
text/html, application/xhtml+xml, application/xml;q=0.9,
image/avif, image/webp, image/apng, */*;q=0.8, application
/signed-exchange;v=b3;q=0.7
```

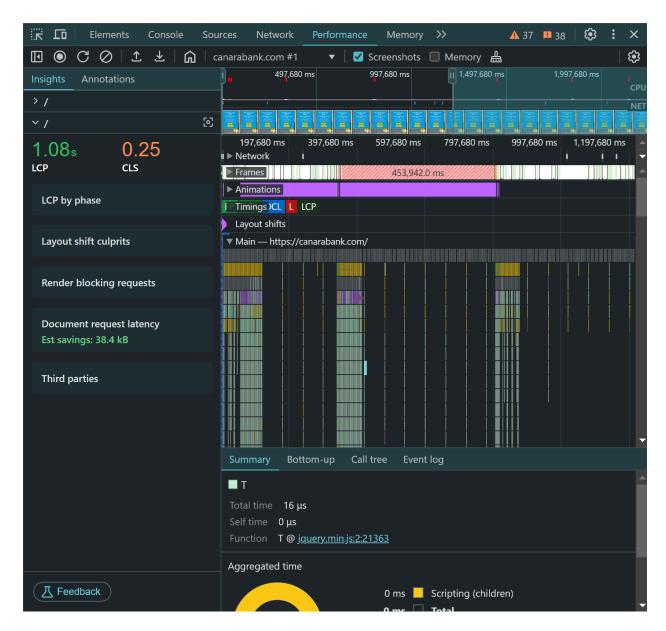
- o accept-encoding: gzip, deflate, br, zstd
- o accept-language: en-GB, en-US; q=0.9, en; q=0.8

Response Header Fields:

- ∘ cache-control:max-age=0, private, must-revalidate
- content-encoding: gzip
- o content-language: en-US

Connection: Not Persistent

Performance of Canara Bank:



HTTP Error Codes:

There is No error in Network but this Error can be Found

- 1. **404 Not Found** The requested resource could not be found on the server.
- 2. **500 Internal Server Error** The server encountered an error while processing the request.
- 3. **403 Forbidden** The server understood the request, but refuses to authorize it.