

Nama : Pascal Adhi Kurnia Tarigan

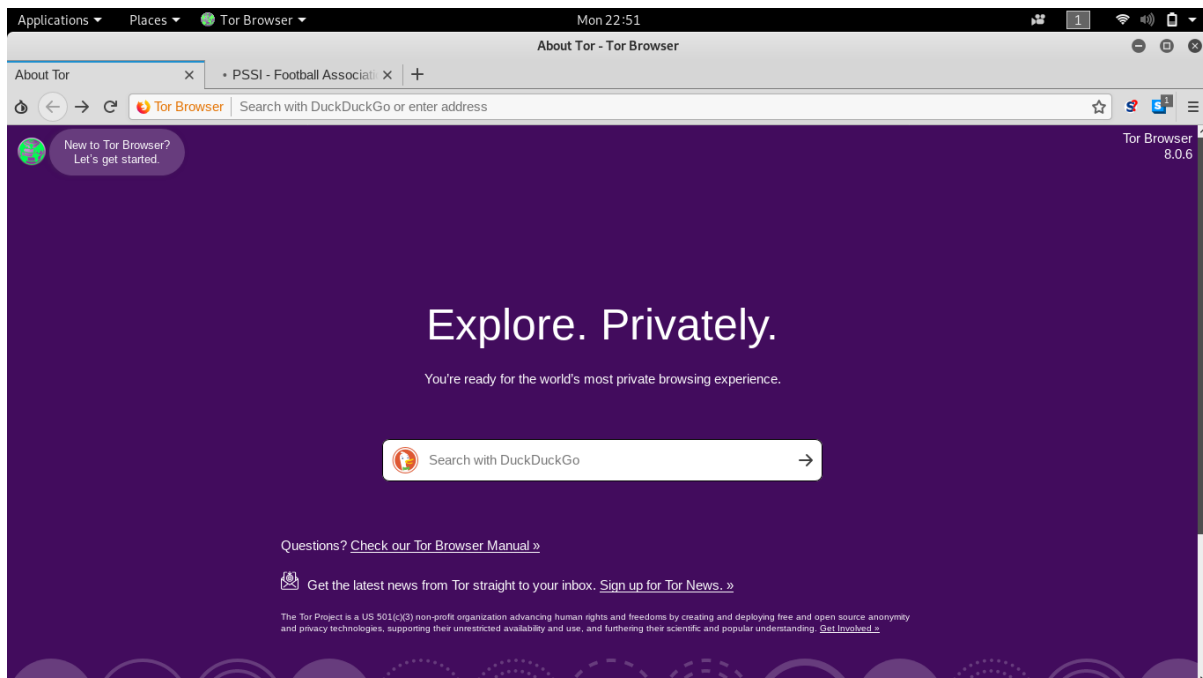
NIM : 09011281520113

SCANNING WEB USING TOR BROWSER AND WIRESHARK

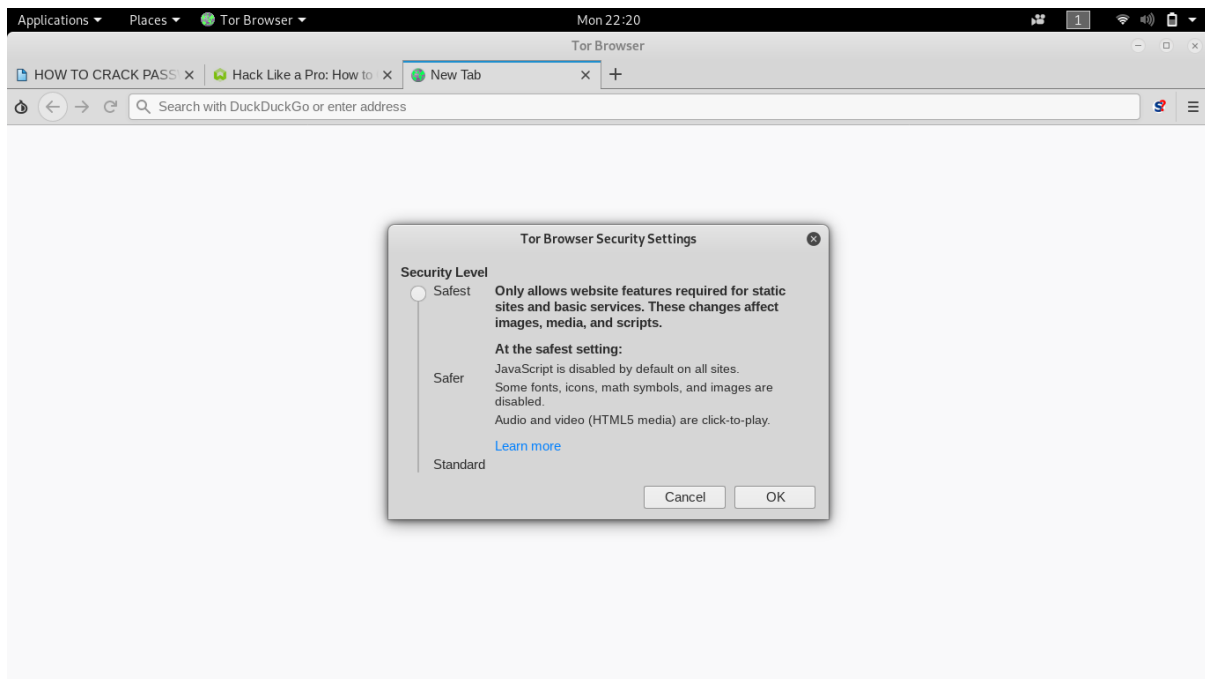
Tor Browser adalah versi Mozilla Firefox yang termutakhir dan dioptimalkan untuk privasi. Ia merupakan peramban gratis dengan perangkat lunak sumber terbuka yang memungkinkan anonimitas penembusan sensor daring. Tidak seperti peramban lainnya, Tor Browser:

- Menyediakan anonimitas daring dengan menyembunyikan alamat IP pengguna
- Menembus sensor daring dengan memungkinkan pengguna untuk mengakses situs web dan/atau halaman web yang diblokir.
- Tidak memiliki fitur pelacakan daring baku
- Tidak menghasilkan uang dari data pengguna
- Didukung dan direkomendasikan oleh para pakar keamanan terkemuka di dunia

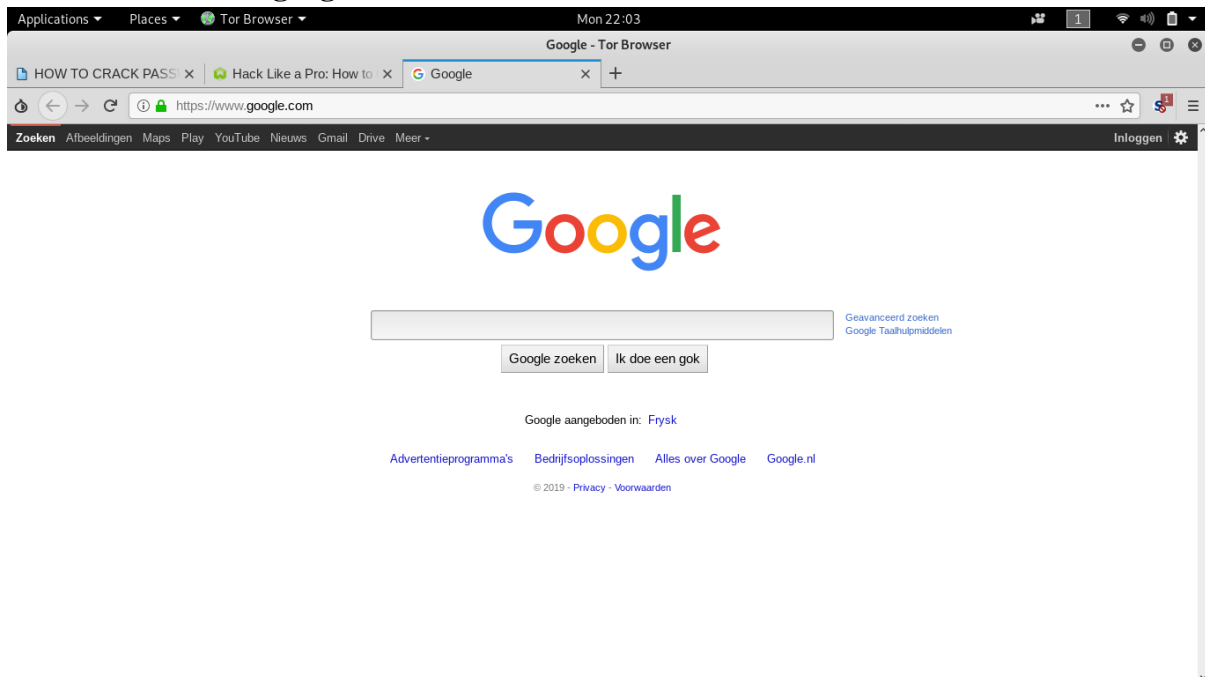
Tampilan dasar Tor Browser



Konfigurasi Security setting Tor Browser

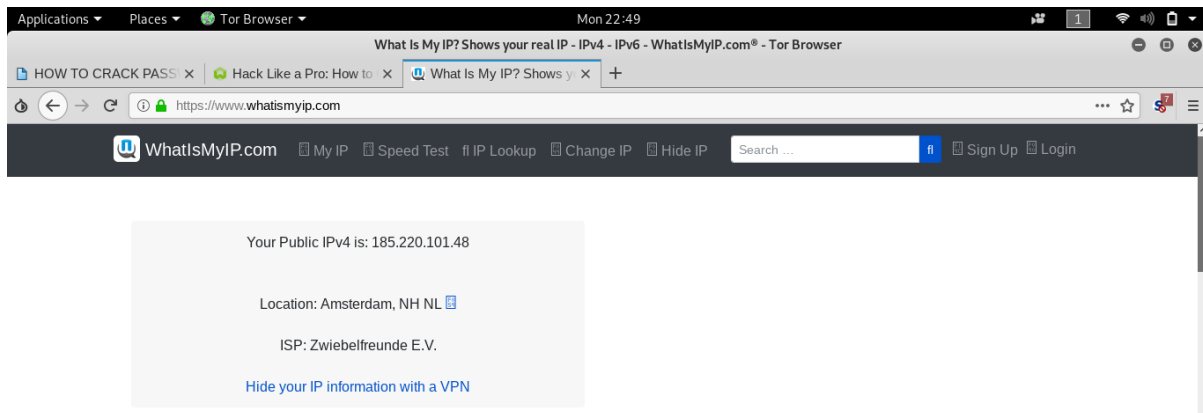


Percobaan di www.google.com



Bisa dilihat di atas bahasa dari google berubah menjadi bahasa Belanda sehingga bisa disimpulkan sementara ip address yang digunakan berlokasi di Belanda

Melihat Ip Address online beserta location

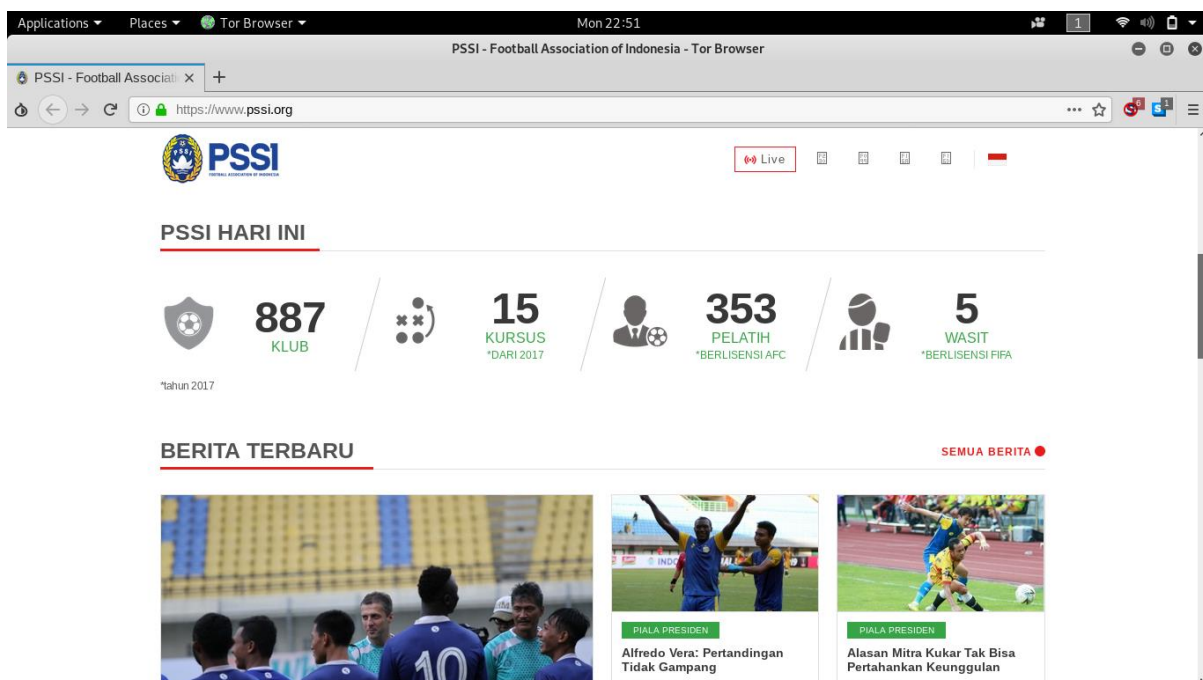


The screenshot shows the WhatIsMyIP.com website interface. The main content area displays the following information:

- Your Public IPv4 is: 185.220.101.48
- Location: Amsterdam, NH NL
- ISP: Zwiebelfreunde E.V.
- [Hide your IP information with a VPN](#)

Lokasi Ip address berasal dari Amsterdam Belanda

Membuka situs www.pssi.org menggunakan Tor Browser



The screenshot shows the PSSI website accessed via Tor Browser. The page features the PSSI logo and a navigation menu. The main content area is titled "PSSI HARI INI" and displays statistics for the year 2017:

Icon	Value	Category
Shield with soccer ball	887	KLUB
Group of people	15	KURSUS *DARI 2017
Person with soccer ball	353	PELATIH *BERLISENSI AFC
Person with soccer ball	5	WASIT *BERLISENSI FIFA

Below the statistics, there is a section titled "BERITA TERBARU" with a "SEMUA BERITA" link. The news items include:

- PIALA PRESIDEN**
Alfredo Vera: Pertandingan Tidak Gampang
- PIALA PRESIDEN**
Alasan Mitra Kukar Tak Bisa Pertahankan Keunggulan

Tapping Menggunakan Wireshark

Applications ▾ Places ▾ Wireshark ▾ Mon 22:44

*wlan0

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

Apply a display filter ... <Ctrl-/> Expression... +

No.	Time	Source	Destination	Protocol	Length	Info
2072	36.099360182	192.168.43.17	104.111.8.12	TCP	66	[TCP Dup ACK 114#3] 51930 → 443 [ACK] Seq=1 Ack=1 Win=497 Len=0 ...
2441	46.851335257	192.168.43.17	104.111.8.12	TCP	66	[TCP Dup ACK 114#4] 51930 → 443 [ACK] Seq=1 Ack=1 Win=497 Len=0 ...
2765	57.091410639	192.168.43.17	104.111.8.12	TCP	66	[TCP Dup ACK 114#5] 51930 → 443 [ACK] Seq=1 Ack=1 Win=497 Len=0 ...
1488	25.278512914	192.168.43.17	104.24.113.227	TLSv1.2	93	Application Data
1544	25.788801947	192.168.43.17	104.24.113.227	TCP	54	50258 → 443 [ACK] Seq=40 Ack=40 Win=5972 Len=0
865	18.273367990	192.168.43.17	104.24.97.159	TLSv1.2	93	Application Data
900	18.747210162	192.168.43.17	104.24.97.159	TCP	54	34012 → 443 [ACK] Seq=40 Ack=40 Win=311 Len=0
18	0.771437879	192.168.43.17	104.84.172.62	TCP	66	32908 → 443 [ACK] Seq=1 Ack=1 Win=450 Len=0 TSval=297005244 TSec...

▶ Frame 1488: 93 bytes on wire (744 bits), 93 bytes captured (744 bits) on interface 0
 ▶ Ethernet II, Src: HonHaiPr_f8:34:ad (b8:76:3f:f8:34:ad), Dst: XiaomiCo_17:04:d6 (d8:63:75:17:04:d6)
 ▶ Internet Protocol Version 4, Src: 192.168.43.17, Dst: 104.24.113.227
 ▶ Transmission Control Protocol, Src Port: 50258, Dst Port: 443, Seq: 1, Ack: 1, Len: 39
 ▶ Secure Sockets Layer

```

0000 d8 63 75 17 04 d6 b8 76 3f f8 34 ad 08 00 45 00   cu...v?4...E.
0010 00 4f 40 5b 40 00 40 06 34 99 c0 a8 2b 11 68 18   00[[@.@.4...+h
0020 71 e3 c4 52 01 bb 77 4e 48 ea 66 2c 1b da 50 18   q.-R.wN.H.f,..P.
0030 17 54 be 67 00 00 17 03 03 00 22 61 c4 a0 1f 0f   .T.g...".a...
0040 a5 af 1b b0 62 70 94 a0 31 a1 01 f2 19 6b 90 2f   ....bp...1...k./
0050 57 fe 1b 29 e9 05 9b d4 21 3e 5a f4 e2           W..)....!>Z..
  
```

● Transmission Control Protocol (tcp), 20 bytes Packets: 2823 - Displayed: 2812 (99.6%) - Dropped: 0 (0.0%) Profile: Default