

PRAKTIKUM KEAMANAN JARINGAN KOMPUTER

Modul 1

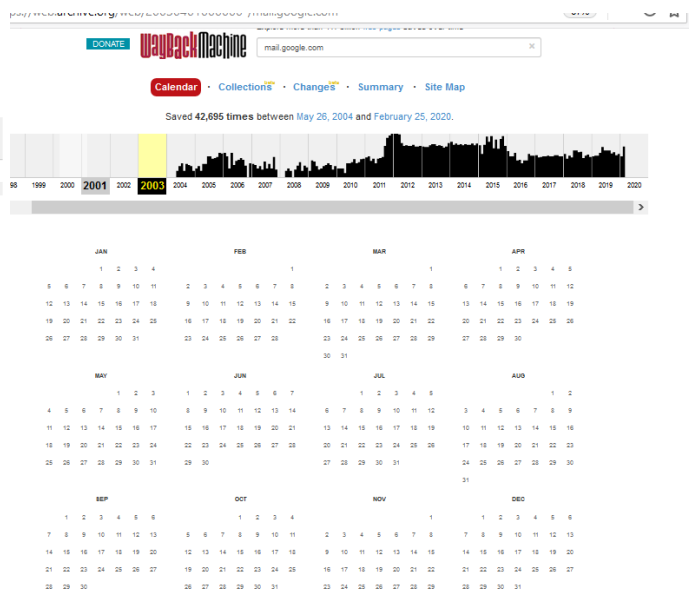
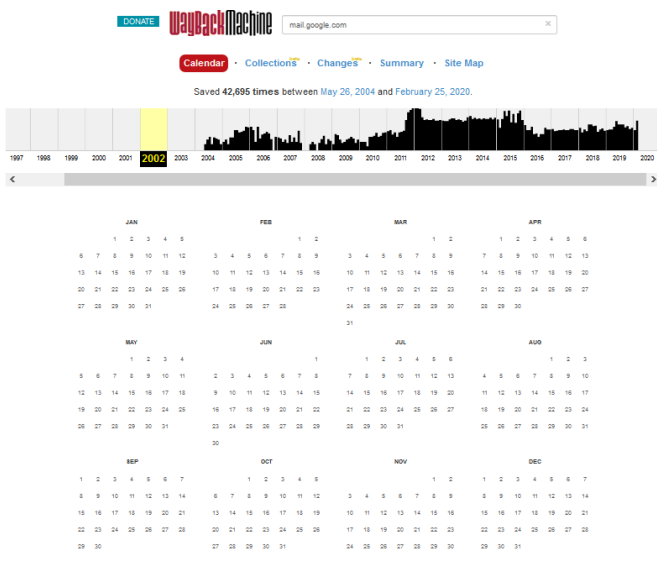
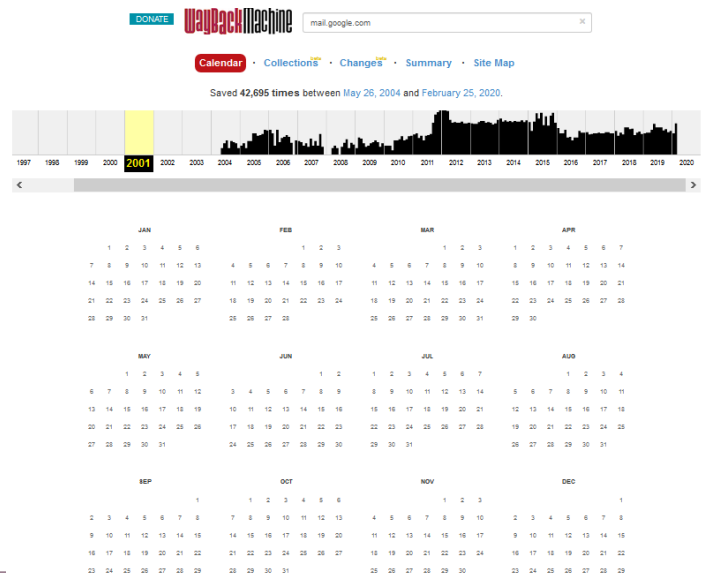
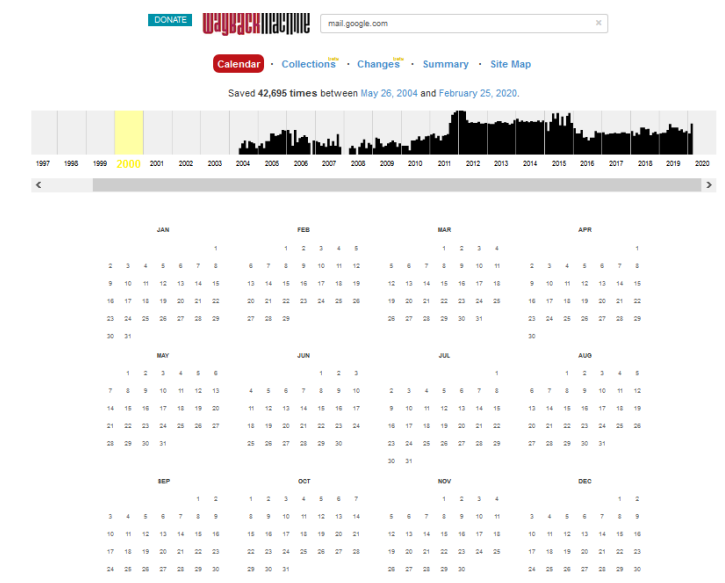
Nama : Tasya Farah Putri A.

NIM : L200170146

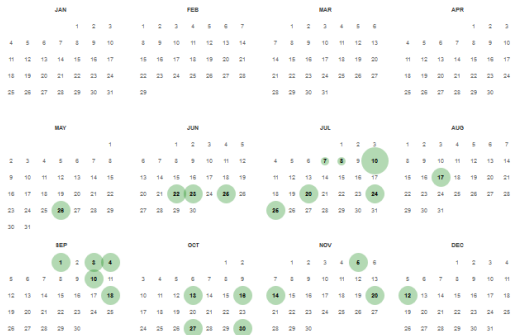
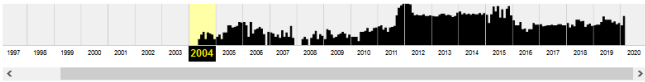
Kelas : A

I. Percobaan 1 : Melihat sejarah sebuah website dengan menggunakan wayback machine

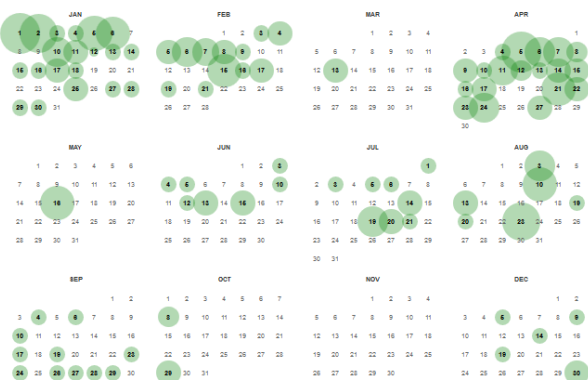
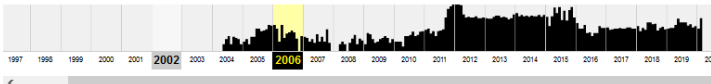
- Gmail



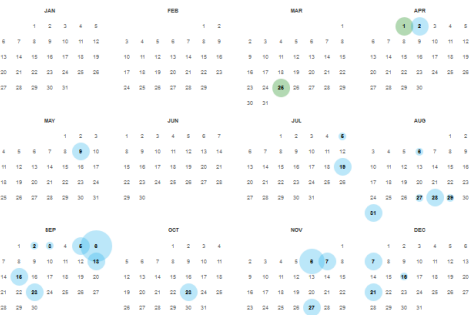
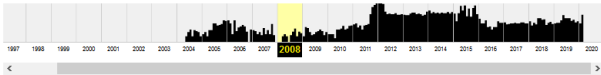
Saved 42,695 times between May 26, 2004 and February 25, 2020.



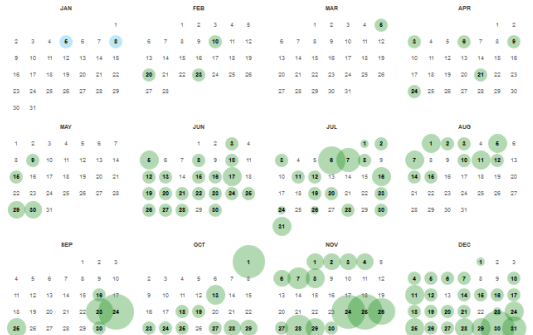
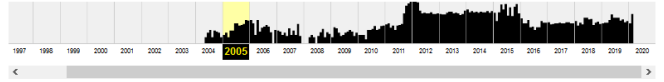
Saved 42,695 times between May 26, 2004 and February 25, 2020.



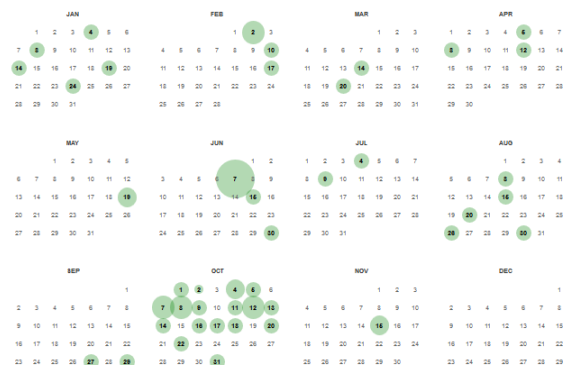
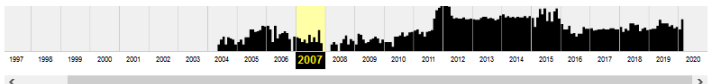
Saved 42,695 times between May 26, 2004 and February 25, 2020.



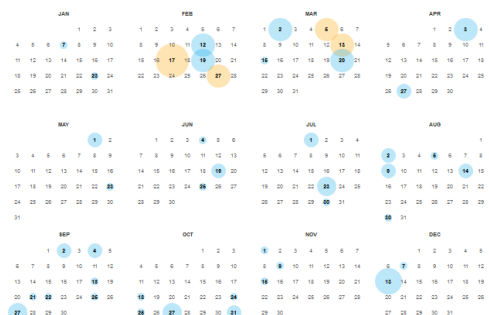
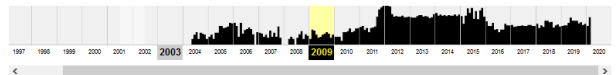
Saved 42,695 times between May 26, 2004 and February 25, 2020.

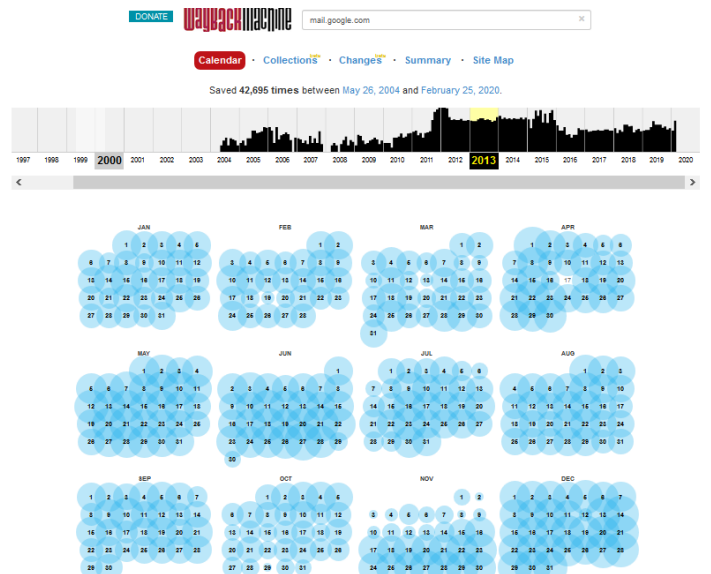
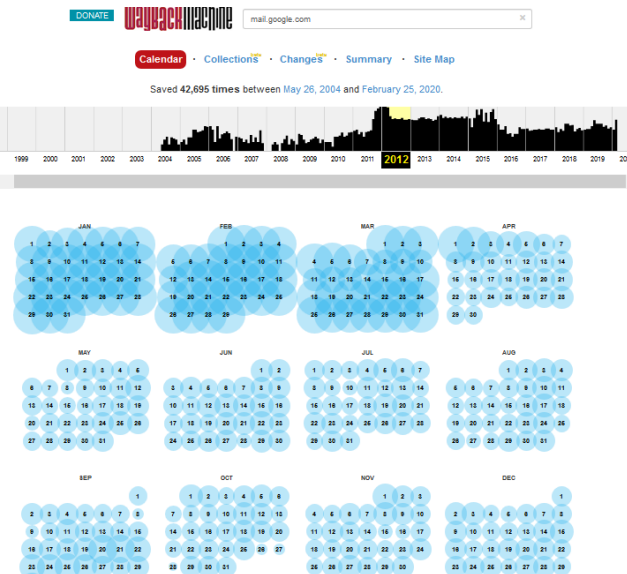
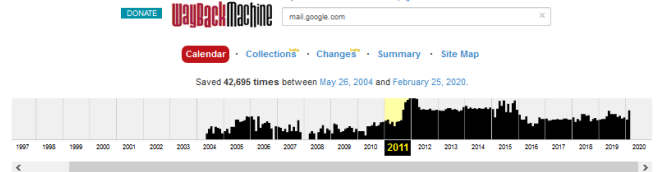
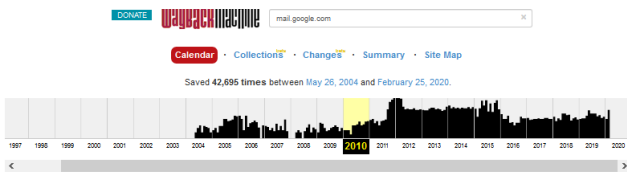


Saved 42,695 times between May 26, 2004 and February 25, 2020.

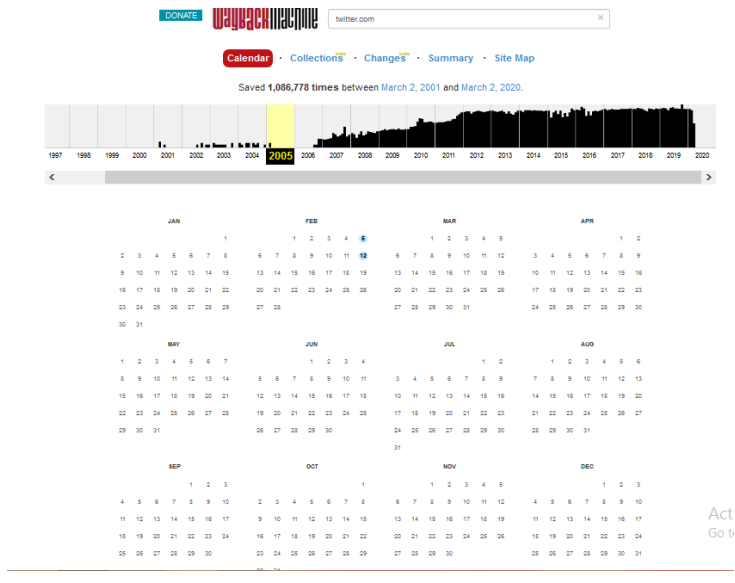
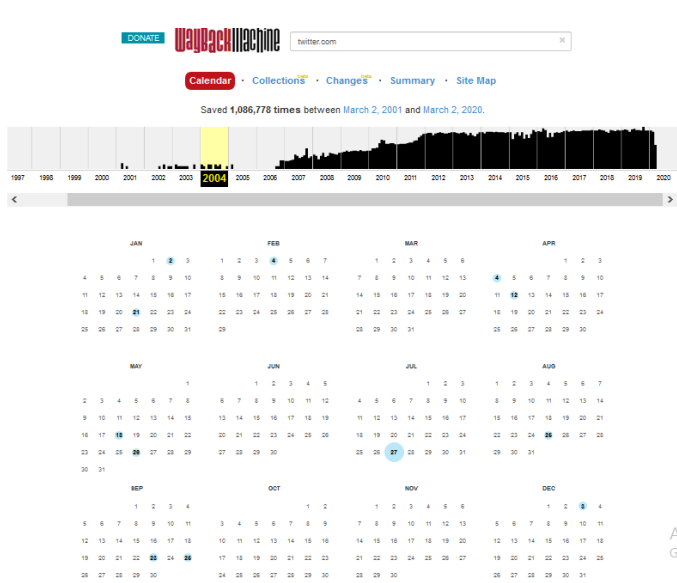
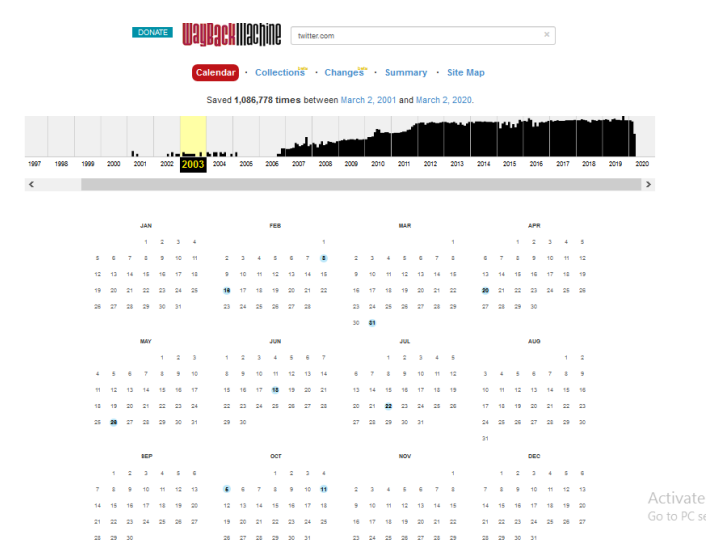
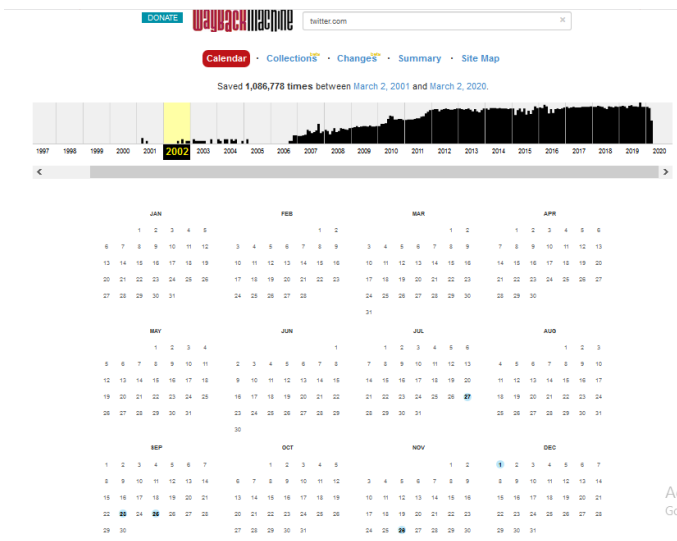
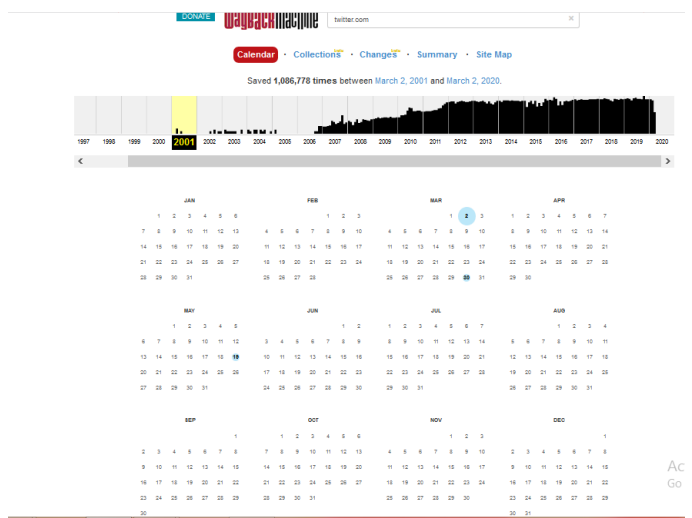
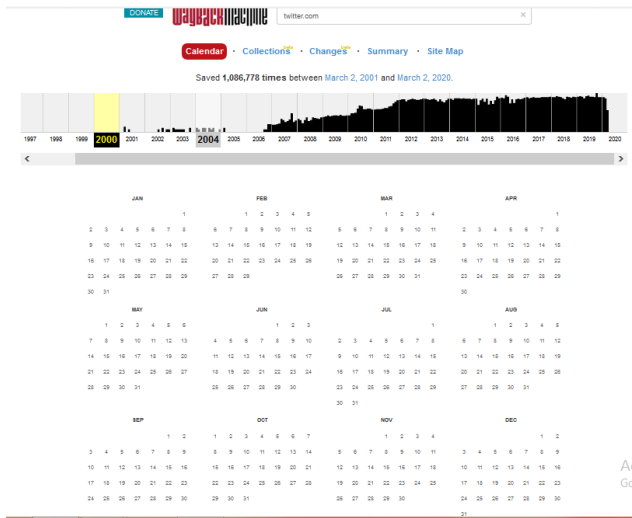


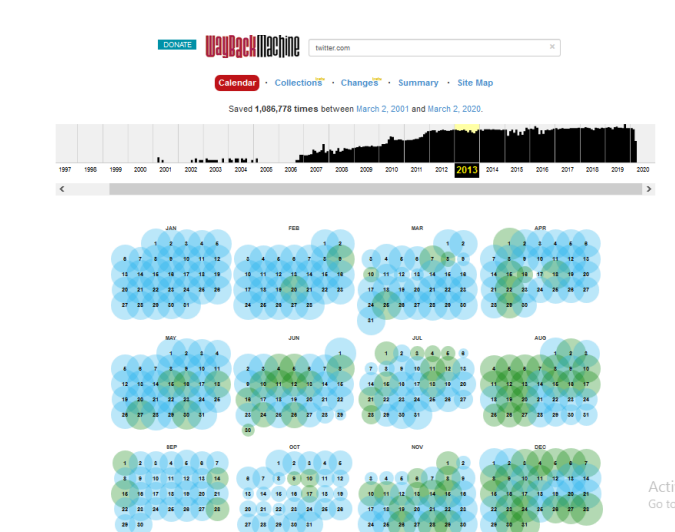
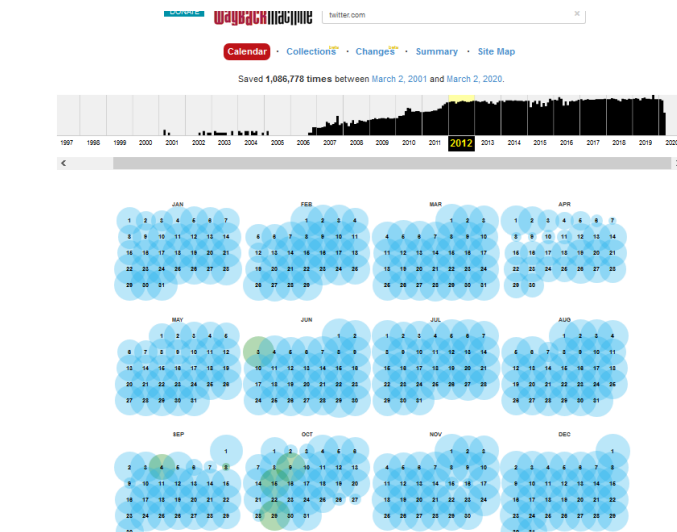
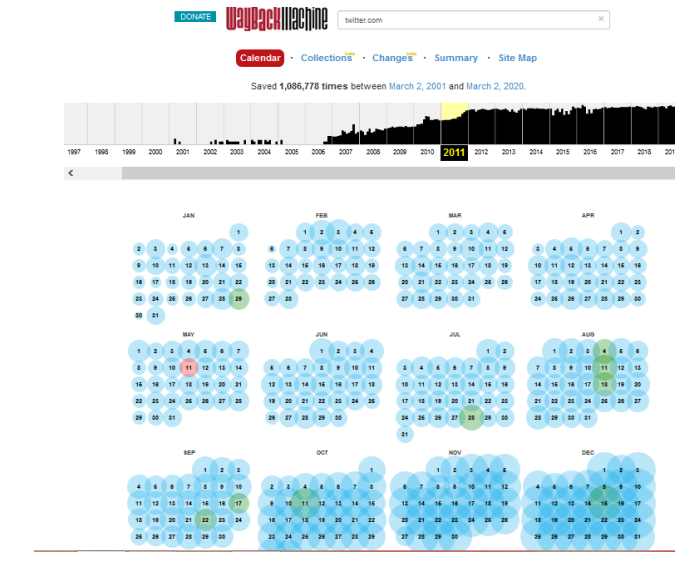
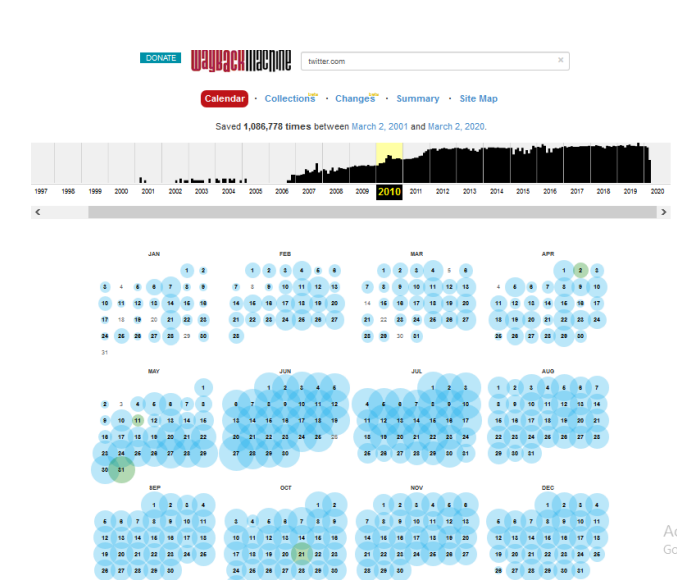
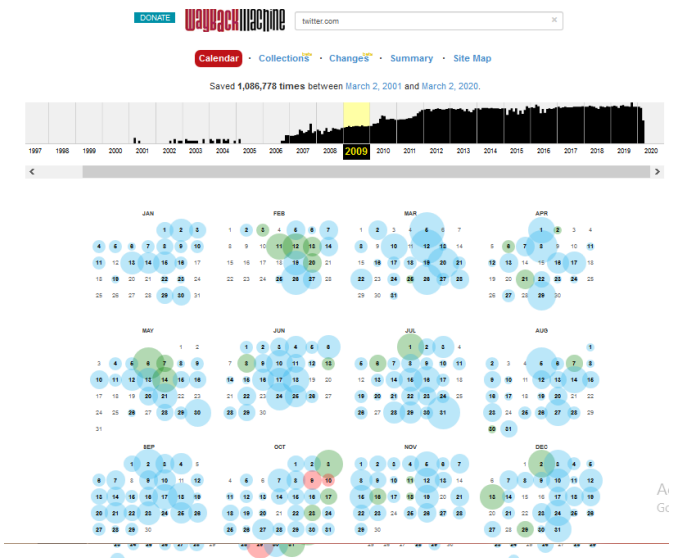
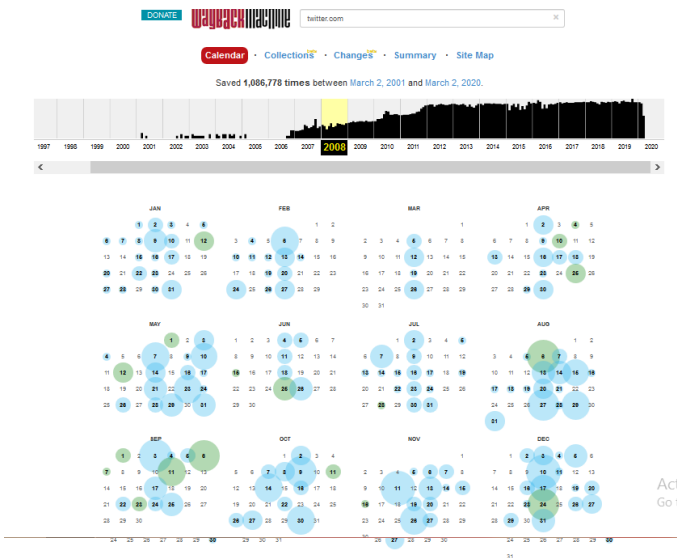
Saved 42,695 times between May 26, 2004 and February 25, 2020.



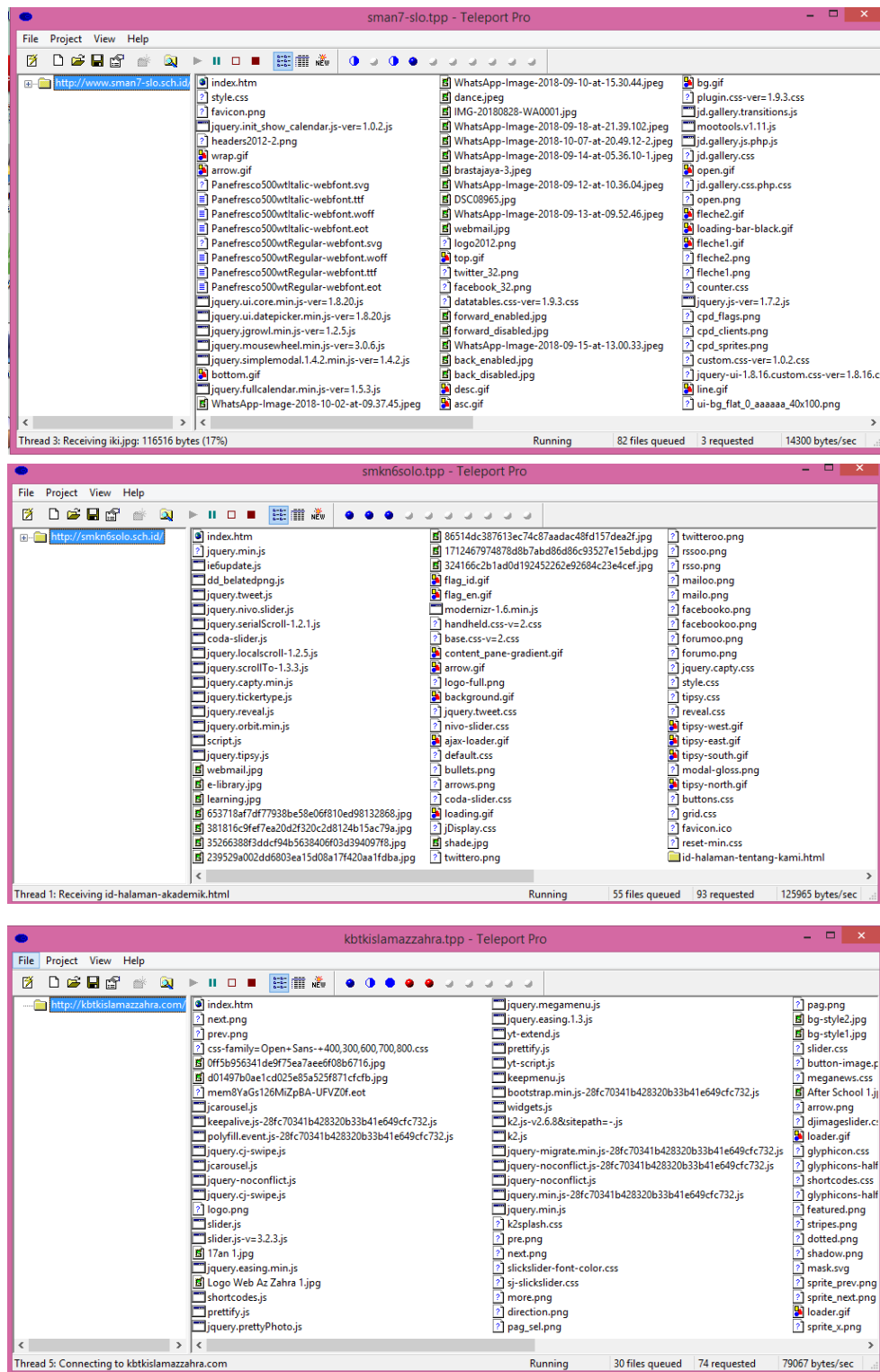


- Twitter





II. Percobaan 2 : Menduplikasi sebuah website dengan website duplicator



III. Percobaan 3 : Mempelajari jenis nama domain di IANA

Domain	Type	Purpose/sopnsoring Organization
.ID	Country-code	Perkumpulan Pengelola Nama Domain Internet Indonesia (PANDI)
.UK	Country-code	Nominet UK
.UY	Country-code	SeCIU - Universidad de la Republica
.SA	Country-code	Communications and Information Technology Commission
.LK	Country-code	Council for Information Technology LK Domain Registrar
.DK	Country-code	Dansk Internet Forum

IV. Percobaan 4 : WHOIS melalui website

1. www.who.is

The screenshot displays the who.is website interface for two domain lookups. The left panel shows the results for **bukalahap.com**, and the right panel shows results for **lazada.co.id**. Both panels include sections for Registrar Info, Important Dates, Name Servers, Similar Domains, and Registrar Data.

bukalahap.com WHOIS Information:

- Registrar Info:** Name: CV. Jogjacamp, Whois Server: whois.resellercamp.com, Referral URL: http://resellercamp.com/, Status: clientTransferProhibited (http://icann.org/epp#clientTransferProhibited)
- Important Dates:** Expires On: 2028-09-10, Registered On: 2009-09-10, Updated On: 2018-02-22
- Name Servers:** ns-1492.awsdns-58.org (205.251.197.212), ns-1890.awsdns-44.co.uk (205.251.199.98), ns-4.awsdns-00.com (205.251.192.4), ns-979.awsdns-58.net (205.251.195.211)
- Similar Domains:** bukai.ca, bukai.com, bukai.de, bukai.net, bukai.org, bukai.pl, bukai.cn, bukai.com.pl, bukai.ir, bukai.net

lazada.co.id WHOIS Information:


- Important Dates:** Expires On: 2022-02-24, Registered On: , Updated On:
- Name Servers:** ns1.aibabadns.com (1), ns2.aibabadns.com (1)
- Similar Domains:** lazada-sense.net, lazada.co.id, lazada.co.th, lazada.com, lazada.com.my, lazada.org, lazada.sg, lazada-banner.com, lazada-discount.com, lazada-express.cn, lazada-express.co.id, lazada-express.com, lazada-express.hk, lazada-express.net, lazada-express.sg, lazada-group.com, lazada-id.com, lazada-indonesia.com, lazada-japan.com, lazada-mitra.com

ums.ac.id WHOIS Information:

- Important Dates:** Expires On: 2020-10-01, Registered On: , Updated On:
- Name Servers:** dns-a.ums.ac.id (103.226.174.192), dns-b.ums.ac.id (103.226.174.193)
- Similar Domains:** ums.ac, ums.ac.ae, ums.ac.id, ums.ac.ir, ums.ac.uk, ums.ae, ums.aero, ums.af, ums.ag, ums.am, ums.as, ums.asia, ums.at

2. www.whois.net

WHOIS LOOKUP

**obx.co.id is already registered***

Domain ID: PANID-DO102461
Domain Name: obx.co.id
Created On: 2008-09-16 13:28:35.0
Last Updated On: 2019-08-19 17:57:04.0
Expiration Date: 2020-09-19 17:59:29
Status: clientTransferProhibited
Sponsoring Registrar: IANA ID: digitalreg
Sponsoring Registrar Organization: Digital Registra
Sponsoring Registrar City: Sleman
Sponsoring Registrar State/Province: Yogyakarta
Sponsoring Registrar Postal Code: 55281
Sponsoring Registrar Country: ID
Sponsoring Registrar Phone: 0274862257
Sponsoring Registrar Contact Email: info@digitalregista.co.id
Name Server: pdns6.ultradns.co.uk
Name Server: pdns1.ultradns.net
Name Server: pdns4.ultradns.org
Name Server: pdns2.ultradns.net
Name Server: pdns5.ultradns.info
Name Server: pdns3.ultradns.org
DNSSEC: Unsigned

Popular
No Results Found

Colors
No Results Found

Services
☐ obx.flowers \$29.99
BUY SELECTED

Travel and Tourism
No Results Found

Filters
☒ Popular
☐ Arts and Culture
☐ Audio and Video
☐ Businesses
☒ Colors
☐ Computers and Internet
☐ Descriptive
☐ Educational and Academic
☐ Financial and Banking
☐ Food and Drink
☒ Fun and Unique
☐ Geographic
☒ Health and Fitness
☐ Lifestyles and Relationships

**tokopedia.com is already registered***

Domain Name: TOKOPEDIA.COM
Registry Domain ID: 1463073799_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.godaddy.com
Registrar URL: http://www.godaddy.com
Updated Date: 2018-05-06T03:03:47Z
Creation Date: 2008-05-30T05:05:11Z
Registry Expiry Date: 2027-05-30T05:05:11Z
Registrar: GoDaddy.com, LLC
Registrar IANA ID: 146
Registrar Abuse Contact Email: abuse@godaddy.com
Registrar Abuse Contact Phone: 480-624-2505
Domain Status: clientDeleteProhibited https://icann.org/epp#clientDeleteProhibited
Domain Status: clientRenewProhibited https://icann.org/epp#clientRenewProhibited
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Domain Status: clientUpdateProhibited https://icann.org/epp#clientUpdateProhibited
Name Server: NS-1184.AWSDNS-20.ORG
Name Server: NS-1959.AWSDNS-52.CO.UK
Name Server: NS-491.AWSDNS-61.COM
Name Server: NS-869.AWSDNS-44.NET
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/whois/f
>>> Last update of whois database: 2020-02-25T16:42:19Z <<<

For more information on Whois status codes, please visit https://icann.org/epp

NOTICE: The expiration date displayed in this record is the date the registrar's sponsorship of the domain name registration in the registry is currently set to expire. This date does not necessarily reflect the expiration date of the domain name registrant's agreement with the sponsoring registrar. Users may consult the sponsoring registrar's Whois database to view the registrar's reported date of expiration for this registration.

TERMS OF USE: You are not authorized to access or query our Whois database through the use of electronic processes that are high-volume and automated except as reasonably necessary to register domain names or modify existing registrations; the Data in VeriSign Global Registry Services' (VeriSign) Whois database is provided by VeriSign for information purposes only, and to assist persons in obtaining information about or related to a domain name registration record. VeriSign does not guarantee its accuracy. By submitting a Whois query, you agree to abide by the following terms of use: You agree that you may use this Data only for lawful purposes and that under no circumstances will you use this Data to: (1) allow, enable, or otherwise support the transmission of mass unsolicited, commercial advertising or solicitations via e-mail, telephone, or facsimile; or (2) enable high volume, automated, electronic processes for bulk domain name registration.

Popular
No Results Found

Marketing and Sales
☐ tokopedia.direct \$29.99
☐ tokopedia.agency \$19.99
☐ tokopedia.marketing \$29.99
BUY SELECTED

Trades and Construction
☐ tokopedia.contractors \$29.99
☐ tokopedia.construction \$29.99
BUY SELECTED

Sports and Hobbies
☐ tokopedia.cards \$32.99
BUY SELECTED

Shopping
☐ tokopedia.blackfriday \$34.99
BUY SELECTED

Products

Filters
☒ Popular
☐ Arts and Culture
☐ Audio and Video
☐ Businesses
☐ Colors
☐ Computers and Internet
☐ Descriptive
☐ Educational and Academic
☐ Financial and Banking
☐ Food and Drink
☐ Fun and Unique
☐ Geographic
☐ Health and Fitness
☐ Lifestyles and Relationships
☒ Marketing and Sales
☐ Media and Music
☐ Organizations
☐ Personal
☒ Products
☐ Professional
☐ Real Estate
☐ Services
☒ Shopping

**viu.com is already registered***

Domain Name: VIU.COM
Registry Domain ID: 214951_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.corporatedomains.com
Registrar URL: http://www.corsglobal.com/global/web/csc/digital-brand-services.html
Updated Date: 2018-11-01T14:39:41Z
Creation Date: 1997-04-15T04:00:00Z
Registry Expiry Date: 2021-04-15T04:00:00Z
Registrar: CSC Corporate Domains, Inc.
Registrar IANA ID: 299
Registrar Abuse Contact Email: domainabuse@cscglobal.com
Registrar Abuse Contact Phone: 8887802723
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Domain Status: serverDeleteProhibited https://icann.org/epp#serverDeleteProhibited
Domain Status: serverTransferProhibited https://icann.org/epp#serverTransferProhibited
Domain Status: serverUpdateProhibited https://icann.org/epp#serverUpdateProhibited
Name Server: NS-1339.AWSDNS-39.ORG
Name Server: NS-1687.AWSDNS-18.CO.UK
Name Server: NS-34.AWSDNS-04.COM
Name Server: NS-860.AWSDNS-58.NET
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/whois/f
>>> Last update of whois database: 2020-01-14T06:24:21Z <<<

For more information on Whois status codes, please visit https://icann.org/epp

NOTICE: The expiration date displayed in this record is the date the registrar's sponsorship of the domain name registration in the registry is currently set to expire. This date does not necessarily reflect the expiration date of the domain name registrant's agreement with the sponsoring registrar. Users may consult the sponsoring registrar's Whois database to view the registrar's reported date of expiration for this registration.

TERMS OF USE: You are not authorized to access or query our Whois database through the use of electronic processes that are high-volume and automated except as reasonably necessary to register domain names or modify existing registrations; the Data in VeriSign Global Registry Services' (VeriSign) Whois database is provided by VeriSign for information purposes only, and to assist persons in obtaining information about or related to a domain name registration record. VeriSign does not guarantee its accuracy. By submitting a Whois query, you agree to abide by the following terms of use: You agree that you may use this Data only for lawful purposes and that under no circumstances will you use this Data to: (1) allow, enable, or otherwise support the transmission of mass unsolicited, commercial advertising or solicitations via e-mail, telephone, or facsimile; or (2) enable high volume, automated, electronic processes for bulk domain name registration.

Popular
No Results Found

Lifestyles and Relationships
No Results Found

Organizations
☐ viu.camp \$49.99
☐ viu.community \$29.99
☐ viu.foundation \$29.99
☐ viu.ngo \$64.99
BUY SELECTED

Educational and Academic
No Results Found

Filters
☒ Popular
☐ Arts and Culture
☒ Audio and Video
☐ Businesses
☐ Colors
☐ Computers and Internet
☐ Descriptive
☒ Educational and Academic
☐ Financial and Banking
☐ Food and Drink
☐ Fun and Unique
☐ Geographic
☐ Health and Fitness
☒ Lifestyles and Relationships
☐ Marketing and Sales
☐ Media and Music
☒ Organizations
☒ Personal
☐ Products
☐ Professional
☐ Real Estate
☐ Services
☐ Shopping

3. geektools.com/whois.php

Whois:

Checking server [whois.pandi.or.id]
Results:
DOMAIN NOT FOUND

Whois:

Checking server [whois.pandi.or.id]
Results:
DOMAIN NOT FOUND

Whois:

Checking server [whois.crsnic.net]
Results:

CRSNIC has no information for that domain.

V. Percobaan 5 : DNS dengan nslookup

```
C:\>nslookup www.hackthestack.com
Server: csp1.zte.com.cn
Address: fe80::1

Non-authoritative answer:
Name: park.planetdomain.com
Address: 202.131.95.30
Aliases: www.hackthestack.com
```

- C:\>nslookup www.gmail.com

```
C:\>nslookup www.gmail.com
Server: csp3.zte.com.cn
Address: fe80::1

Non-authoritative answer:
Name: googlemail.l.google.com
Addresses: 2404:6800:4003:c04::53
           74.125.24.17
           74.125.24.19
           74.125.24.18
           74.125.24.83
Aliases: www.gmail.com
          mail.google.com
```

- C:\>nslookup www.yahoo.com

```
C:\>nslookup www.yahoo.com
Server: csp1.zte.com.cn
Address: fe80::1

Non-authoritative answer:
Name: atsv2-fp-shed.wg1.b.yahoo.com
Addresses: 2406:2000:e4:a1a::10
           2406:2000:e4:a1a::11
           106.10.250.10
           106.10.250.11
Aliases: www.yahoo.com
```

- C:\nslookup www.kaskus.us

```
C:\>nslookup www.kaskus.us
Server: csp1.zte.com.cn
Address: fe80::1

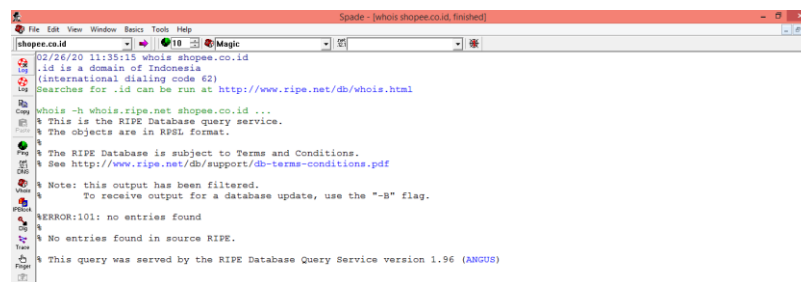
Non-authoritative answer:
Name: www.kaskus.us
Address: 185.53.179.23
```

VI. Percobaan 6 : DNS dengan Tool Sam Spade

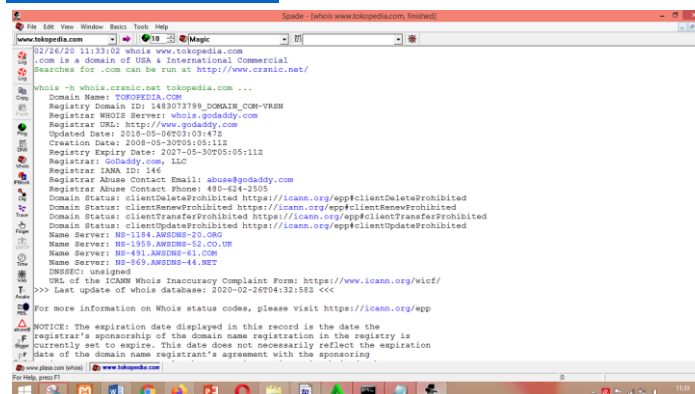
- www.plasa.com



- www.shopee.co.id



- www.tokopedia.com



- www.twitter.com

```

Spade - (whois www.twitter.com, finished)

02/26/20 11:33:42 whois www.twitter.com
.com is a domain of USA & International Commercial
Searches for .com can be run at http://www.crsnic.net/

whois -h whois.crsnic.net twitter.com ...
Domain Name: TWITTER.COM
Registry Domain ID: 18195971_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.corporatedomains.com
Registrar URL: http://www.cscglobal.com/global/web/csc/digital-brand-services.html
Updated Date: 2020-01-17T06:09:06Z
Creation Date: 2000-01-21T16:28:17Z
Registry Expiry Date: 2021-01-21T16:28:17Z
Registrar: CSC Corporate Domains, Inc.
Registrar IANA ID: 299
Registrar Abuse Contact Email: domainabuse@cscglobal.com
Registrar Abuse Contact Phone: 8887802723
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Domain Status: serverDeleteProhibited https://icann.org/epp#serverDeleteProhibited
Domain Status: serverTransferProhibited https://icann.org/epp#serverTransferProhibited
Domain Status: serverUpdateProhibited https://icann.org/epp#serverUpdateProhibited
Name Server: A.R06.TWTRDNS.NET
Name Server: B.R06.TWTRDNS.NET
Name Server: C.R06.TWTRDNS.NET
Name Server: D.R06.TWTRDNS.NET
Name Server: DD1-01.NS.TWTRDNS.NET
Name Server: DD1-02.NS.TWTRDNS.NET
Name Server: NS3.P34.DIRECT.NET
Name Server: NS4.P34.DIRECT.NET
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2020-02-26T04:33:28Z <<<
For more information on Whois status codes, please visit https://icann.org/epp

www.twitter.com (http)
www.bukalapak.com (http)
www.twitter.com (http)

```

VII. Percobaan 7 : Mengidentifikasi software web server menggunakan Sam Spade

- www.bukalapak.com

```

Browsing http://www.bukalapak.com/, finished

02/26/20 11:50:54 Browsing http://www.bukalapak.com/
Fetching http://www.bukalapak.com/ ...
GET / HTTP/1.1
Host: www.bukalapak.com
Connection: close
User-Agent: Sam Spade 1.14

HTTP/1.1 301 Moved Permanently
Date: Wed, 26 Feb 2020 04:50:57 GMT
Content-Type: text/html
Transfer-Encoding: chunked
Connection: close
Set-Cookie: __cfduid=d24c76356fd9fea3d10c08abd3ba4a71b1582692657; expires=Fri, 27-Mar-20 04:50:57 GMT; path=/;
Location: https://www.bukalapak.com/
CF-Cache-Status: DYNAMIC
Server: cloudflare
CF-RAY: 56af4d135fc7e48b-CGK

a2
<html>
<head><title>301 Moved Permanently</title></head>

```

- www.shopee.co.id

```

Browsing http://www.shopee.co.id/, finished

02/26/20 11:48:07 Browsing http://www.shopee.co.id/
Fetching http://www.shopee.co.id/ ...
GET / HTTP/1.1
Host: www.shopee.co.id
Connection: close
User-Agent: Sam Spade 1.14

HTTP/1.1 302 Moved Temporarily
Server: SGW
Date: Wed, 26 Feb 2020 04:48:10 GMT
Content-Type: text/html
Content-Length: 154
Connection: close
Location: http://shopee.co.id/

<html>
<head><title>302 Found</title></head>
<body bgcolor="white">
<center><h1>302 Found</h1></center>
<hr><center>nginx</center>
</body>
</html>

```

- www.twitter.com

```

02/26/20 11:52:41 Browsing http://www.twitter.com/, finished
Fetching http://www.twitter.com/ ...
GET / HTTP/1.1
Host: www.twitter.com
Connection: close
User-Agent: Sam Spade 1.14

HTTP/1.1 301 Moved Permanently
connection: close
content-length: 0
date: Wed, 26 Feb 2020 04:52:41 GMT
location: https://www.twitter.com/
server: tsa_o
set-cookie: personalization_id="v1_mLD+c7JBTMJtUwbEZuYzDA=="; Max-Age=63072000; Expires=Fri, 25 Feb 2022 04:52:4
set-cookie: guest_id=v1%3A158269276182476013; Max-Age=63072000; Expires=Fri, 25 Feb 2022 04:52:41 GMT; Path=/; D
x-connection-hash: 38c103d5cbb7e6806754893416726040
x-response-time: 113
  
```

VIII. Percobaan 8 : Mencari Lokasi Web Server dengan Tracert

- www.wiley.com

```

C:\>tracert www.wiley.com

Tracing route to d1x6jqndp2gdqp.cloudfront.net [13.224.253.78]
over a maximum of 30 hops:
  0  4 ms    2 ms    6 ms   172.20.0.1
  1  8 ms    1 ms    2 ms   103.226.174.1
  2 28 ms    2 ms    3 ms   103.226.174.106
  3 13 ms   14 ms   14 ms  202-65-122-50.solo.citra.net.id [202.65.122.50]

  4 14 ms   15 ms   15 ms  ip184-122.fiberstar.net [103.87.184.122]
  5 26 ms   25 ms   27 ms  ip184-81.fiberstar.net.id [103.87.184.81]
  6 26 ms   29 ms   41 ms  v608.corel.sini.he.net [184.104.208.25]
  7 200 ms  126 ms  34 ms  amazon.sgix.sg [103.16.102.36]
  8 38 ms   34 ms   27 ms  52.93.9.32
  9 110 ms  181 ms  91 ms  150.222.108.3
 10 *      *      *      Request timed out.
 11 *      *      *      Request timed out.
 12 *      *      *      Request timed out.
 13 *      *      *      Request timed out.
 14 *      *      *      Request timed out.
 15 *      *      *      Request timed out.
 16 39 ms   46 ms   27 ms  server-13-224-253-78.sin52.r.cloudfront.net [13.
224.253.78]
Trace complete.
  
```

- www.google.com

```

C:\Windows\system32\cmd.exe

Microsoft Windows [Version 6.3.9600]
(c) 2013 Microsoft Corporation. All rights reserved.

C:\Users\PC Acer>cd/

C:\>tracert www.google.com

Tracing route to www.google.com [216.239.38.120]
over a maximum of 30 hops:
  0  *      *      *      Request timed out.
  1  3 ms    1 ms    2 ms   125.166.160.1
  2  2 ms    2 ms    1 ms   29.0.160.125.in-addr.arpa [125.160.0.29]
  3 32 ms   31 ms   31 ms  194.190.240.180.in-addr.arpa [180.240.190.194]
  4 30 ms   29 ms   31 ms  193.190.240.180.in-addr.arpa [180.240.190.193]
  5 32 ms   32 ms   32 ms  112.204.240.180.in-addr.arpa [180.240.204.112]
  6 29 ms   30 ms   28 ms  88.223.14.72.in-addr.arpa [72.14.223.88]
  7 37 ms   32 ms   32 ms  33.242.125.74.in-addr.arpa [74.125.242.33]
  8 33 ms   32 ms   31 ms  108.170.237.231
  9 39 ms   32 ms   32 ms  any-in-2678.1e100.net [216.239.38.120]
Trace complete.

C:\>
  
```

- www.ums.ac.id

```
C:\>tracert www.ums.ac.id

Tracing route to www.ums.ac.id [103.226.174.221]
over a maximum of 30 hops:

  1      *          *          *          Request timed out.
  2      2 ms       2 ms       2 ms      125.166.160.1
  3      2 ms       2 ms       1 ms      29.0.160.125.in-addr.arpa [125.160.0.29]
  4      22 ms      22 ms      23 ms      telkom.openixp.net [218.100.36.56]
  5      23 ms      24 ms      22 ms      tengiga-0-1.openixp.net [218.100.36.2]
  6      22 ms      22 ms      21 ms      citra.openixp.net [218.100.27.218]
  7      30 ms      24 ms      24 ms      105.174.226.103.in-addr.arpa [103.226.174.105]
  8      25 ms      24 ms      24 ms      221.174.226.103.in-addr.arpa [103.226.174.221]
  9      25 ms      25 ms      25 ms      221.174.226.103.in-addr.arpa [103.226.174.221]

Trace complete.
```

- www.gmail.com

```
C:\>tracert www.gmail.com

Tracing route to googlemail.l.google.com [216.58.221.69]
over a maximum of 30 hops:

  1      *          *          *          Request timed out.
  2      1 ms       2 ms       2 ms      125.166.160.1
  3      5 ms       13 ms      26 ms      29.0.160.125.in-addr.arpa [125.160.0.29]
  4      36 ms      32 ms      32 ms      194.190.240.180.in-addr.arpa [180.240.190.194]
  5      28 ms      27 ms      28 ms      193.190.240.180.in-addr.arpa [180.240.190.193]
  6      27 ms      28 ms      29 ms      49.204.240.180.in-addr.arpa [180.240.204.49]
  7      28 ms      30 ms      30 ms      88.223.14.72.in-addr.arpa [72.14.223.88]
  8      34 ms      33 ms      33 ms      225.240.170.108.in-addr.arpa [108.170.240.225]
  9      34 ms      32 ms      31 ms      108.170.233.65
 10      33 ms      33 ms      33 ms      sin10s01-in-f69.1e100.net [216.58.221.69]

Trace complete.
```