

# MODUL 1

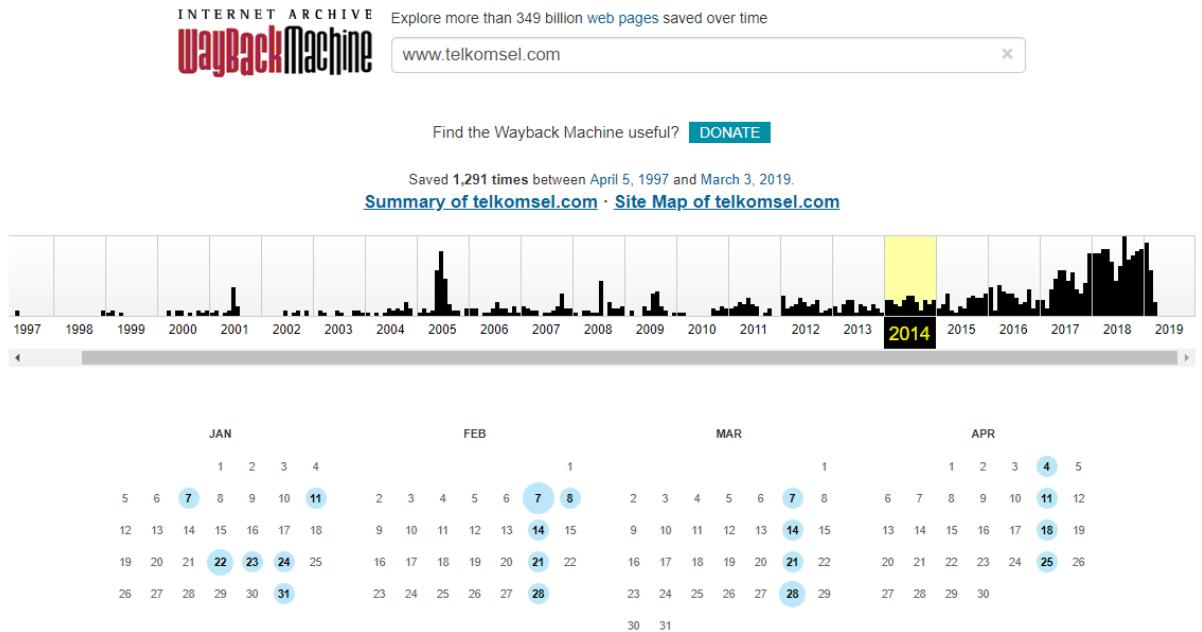
## FOOTPRINTING

Wyne Habsari/L200160080

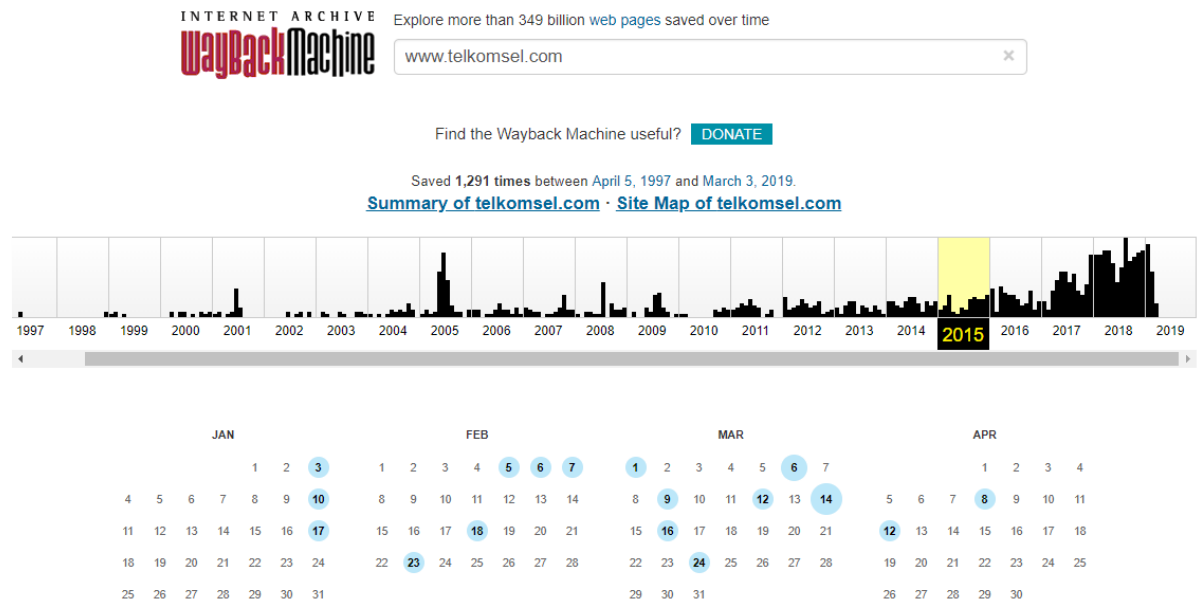
### Tugas Percobaan 1 (sejarah website dari tahun 2014-2018)

- [www.telkomsel.com](http://www.telkomsel.com)

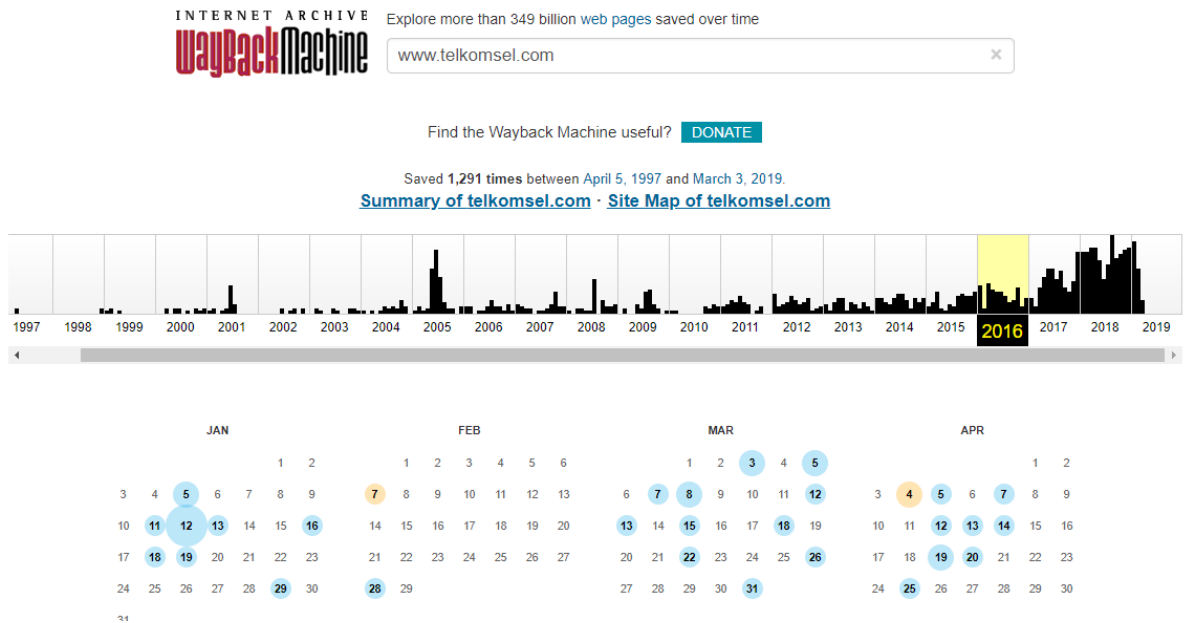
Tahun 2014



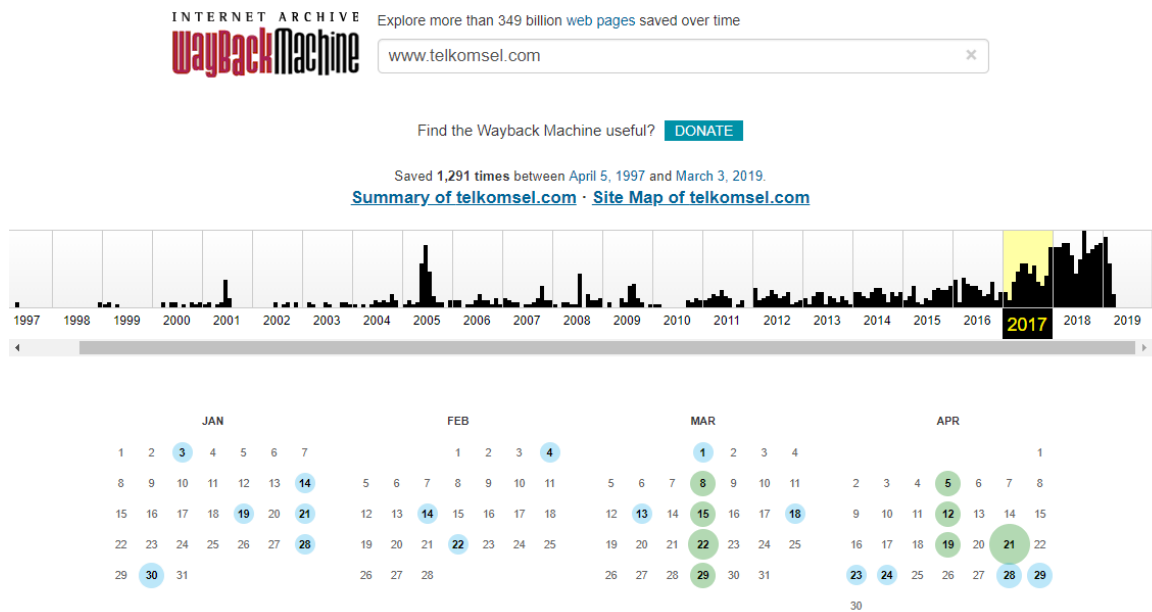
Tahun 2015



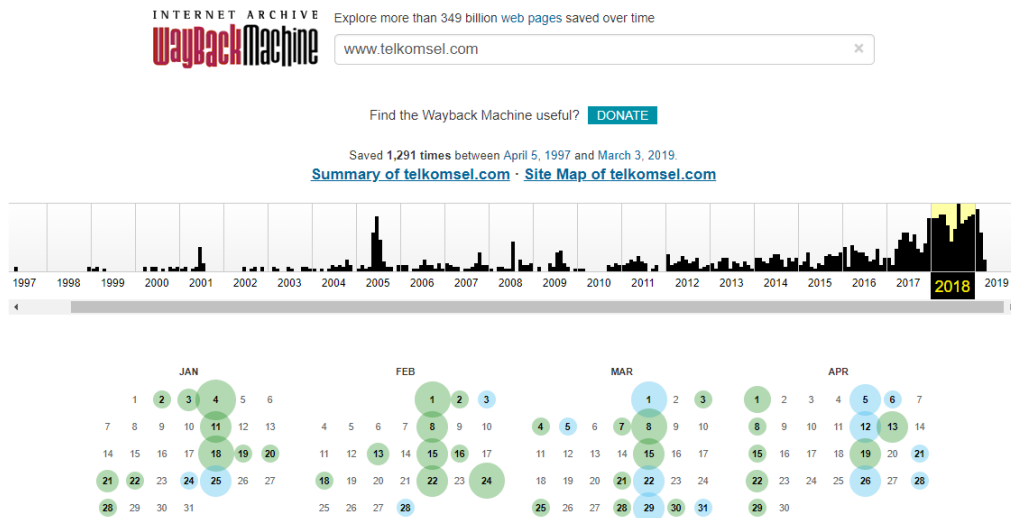
## Tahun 2016



## Tahun 2017

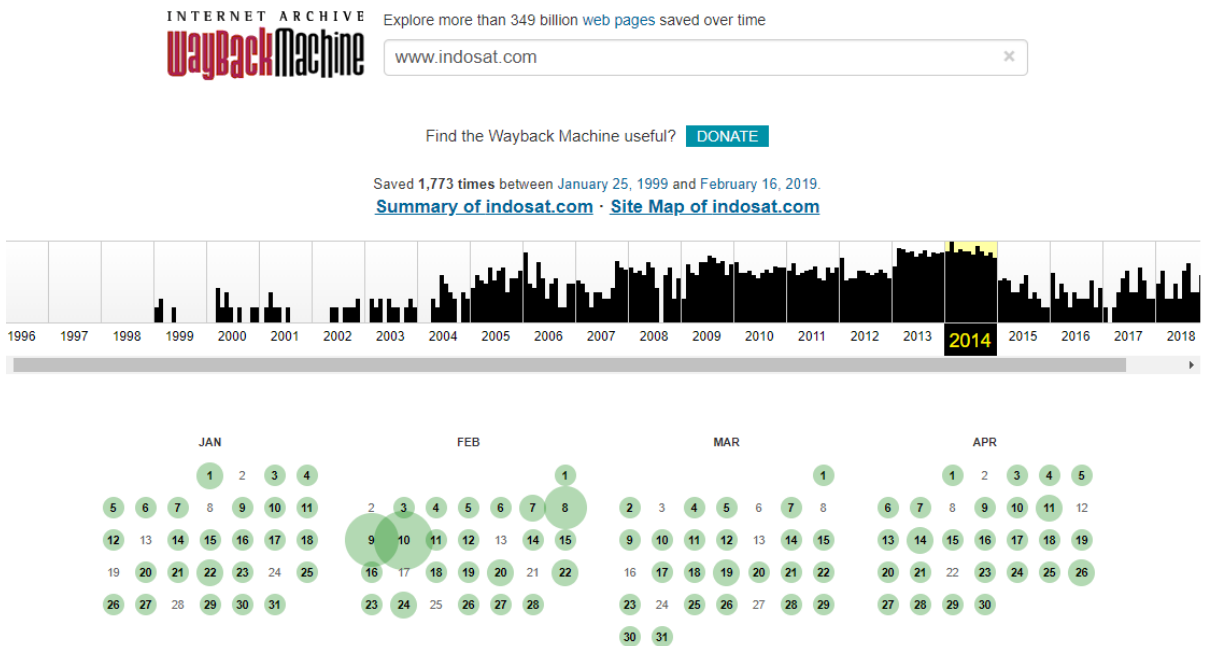


## Tahun 2018

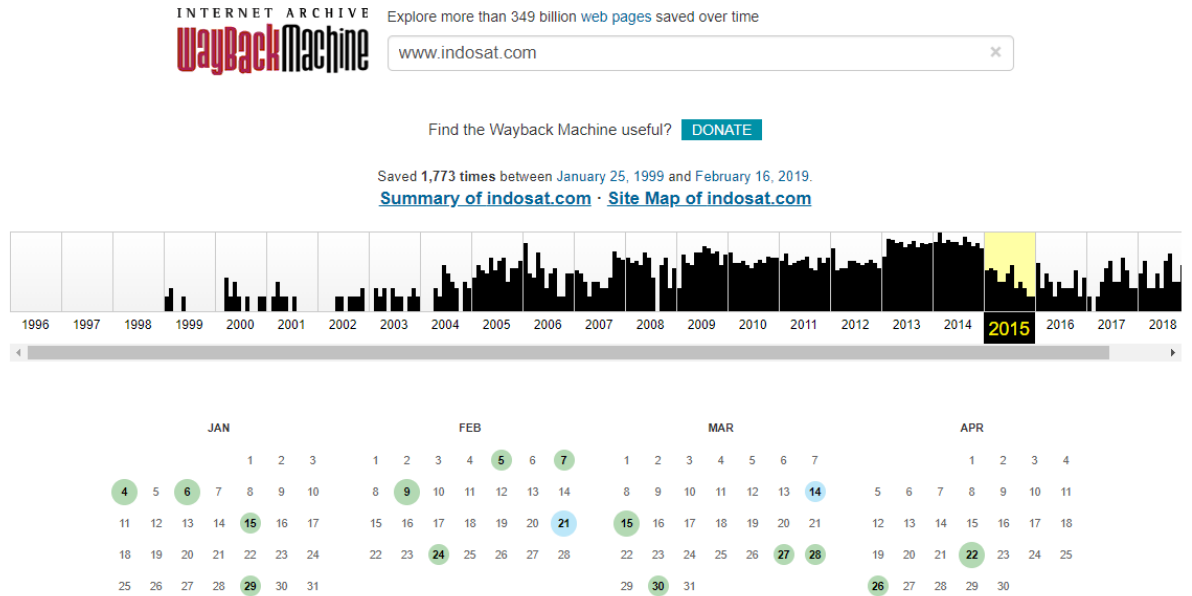


- [www.indosat.com](http://www.indosat.com)

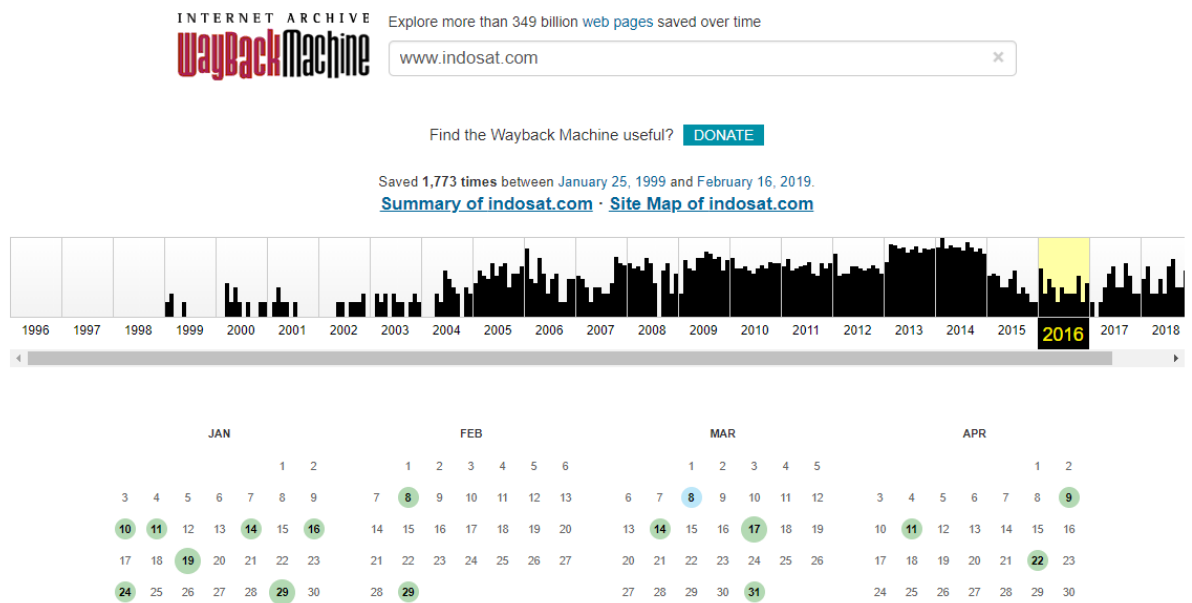
## Tahun 2014



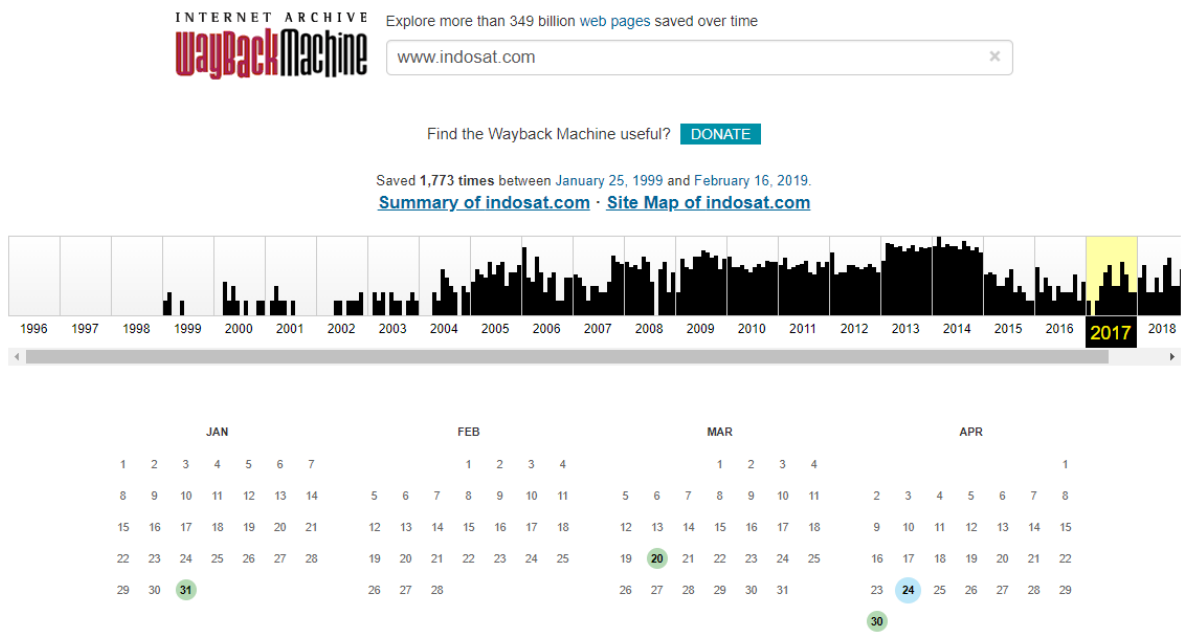
## Tahun 2015



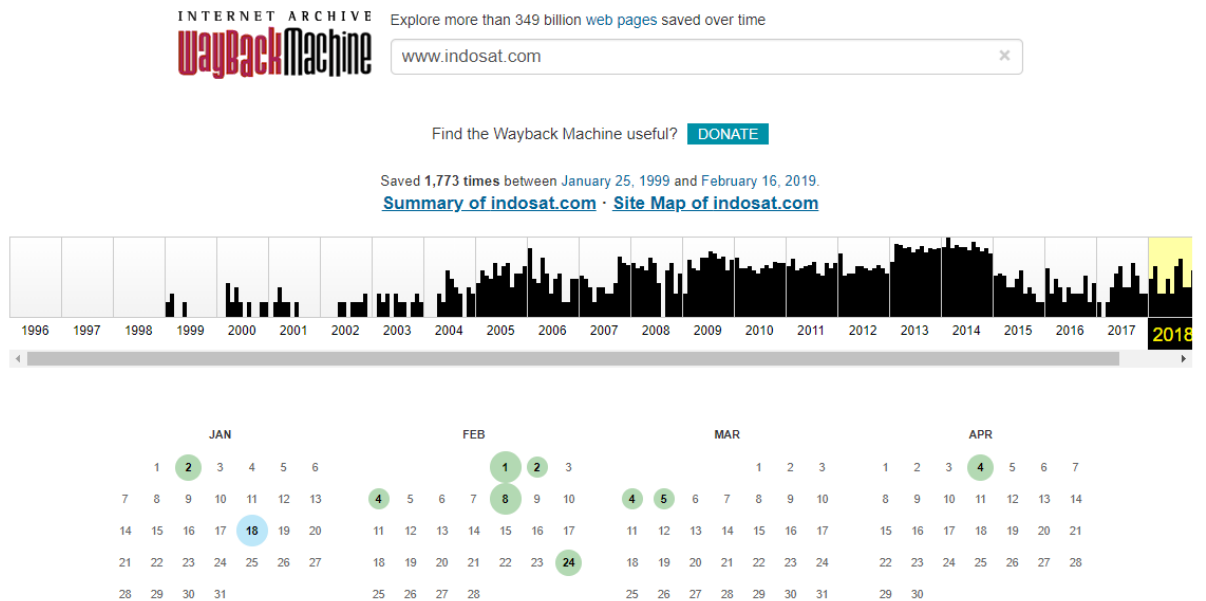
## Tahun 2016



## Tahun 2017

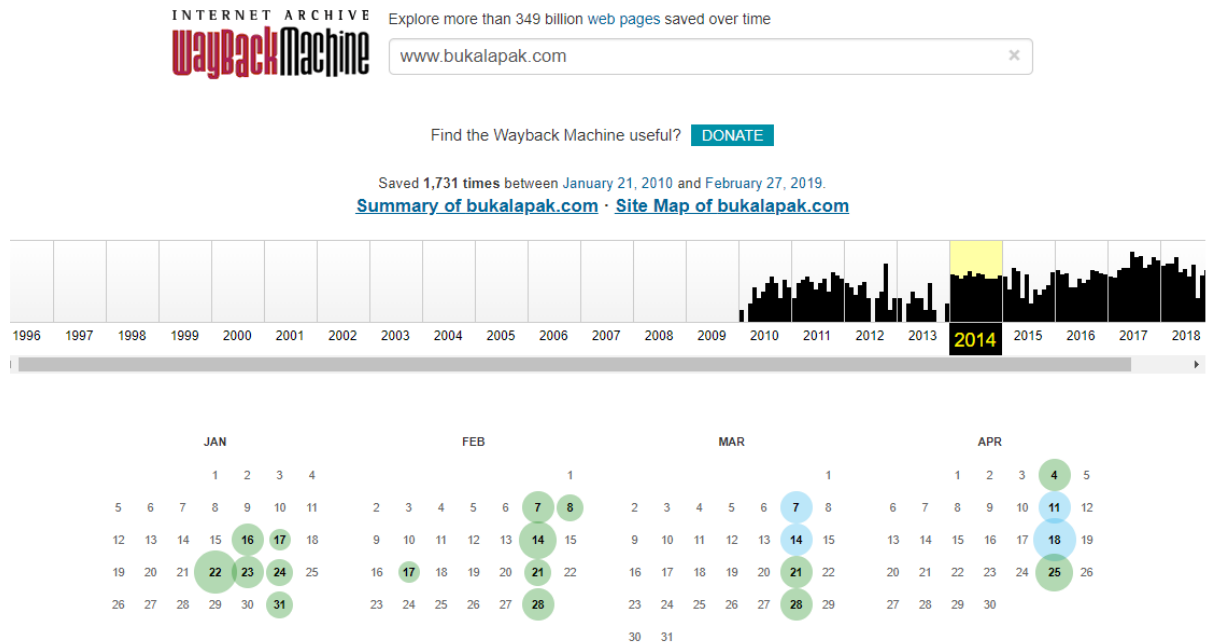


## Tahun 2018

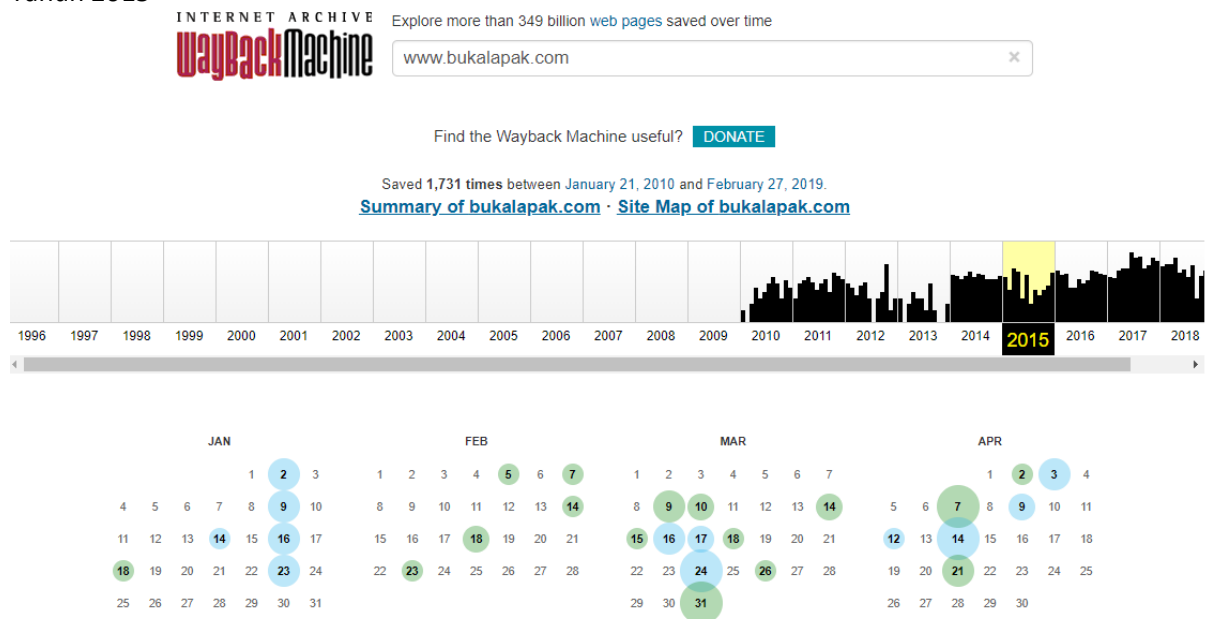


- [www.bukalapak.com](http://www.bukalapak.com)

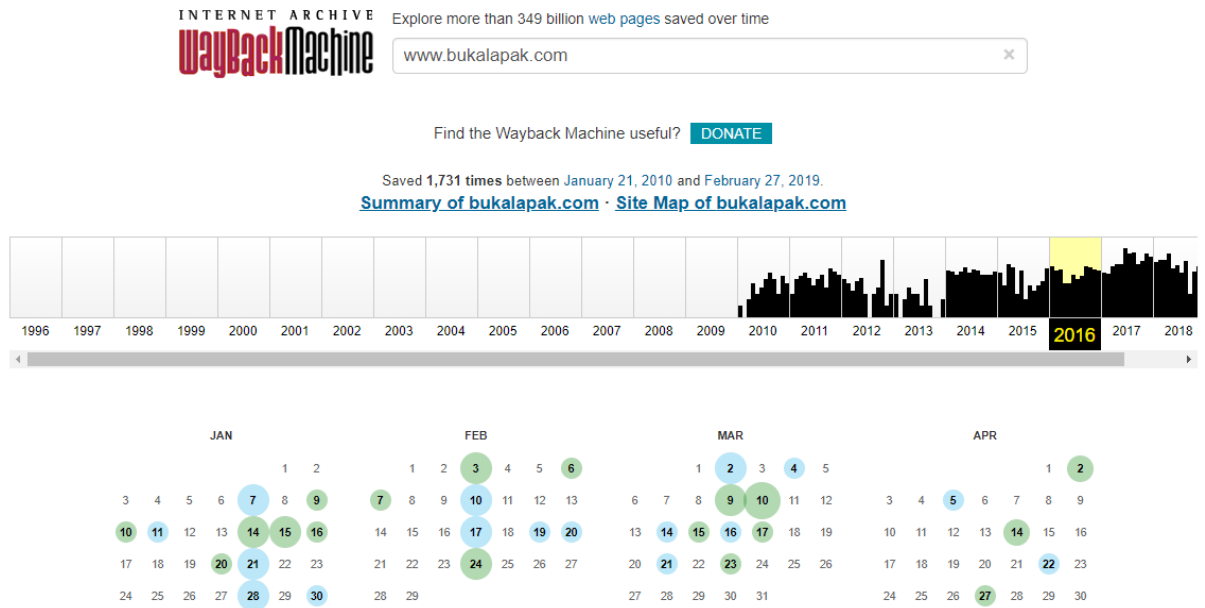
## Tahun 2014



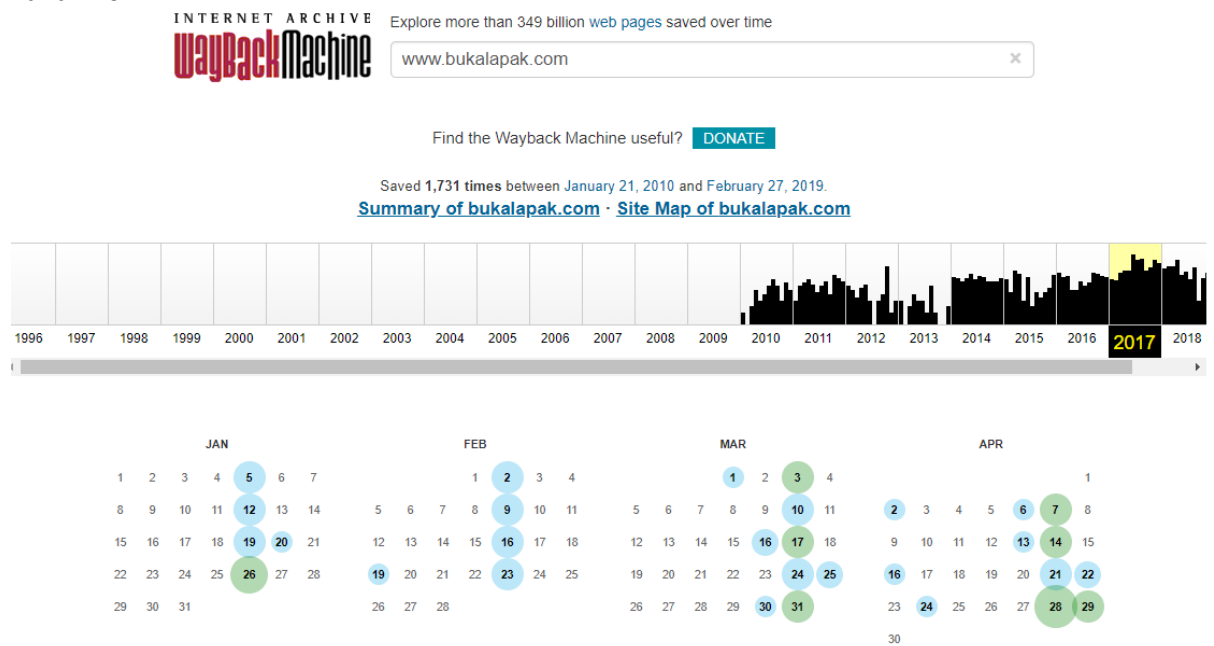
## Tahun 2015



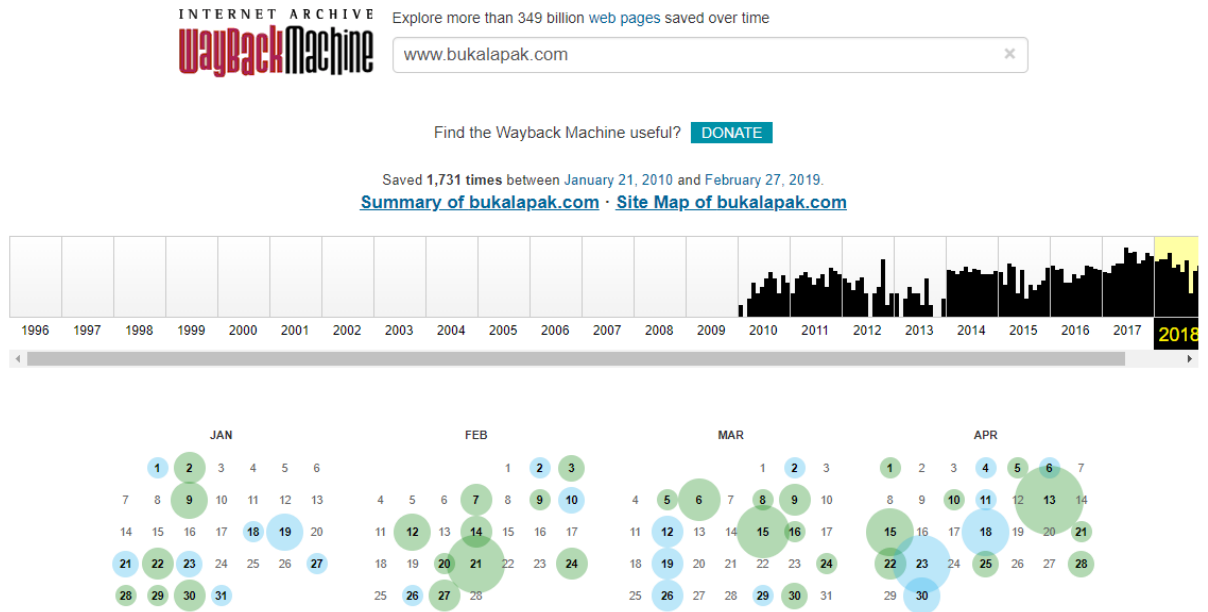
## Tahun 2016



## Tahun 2017

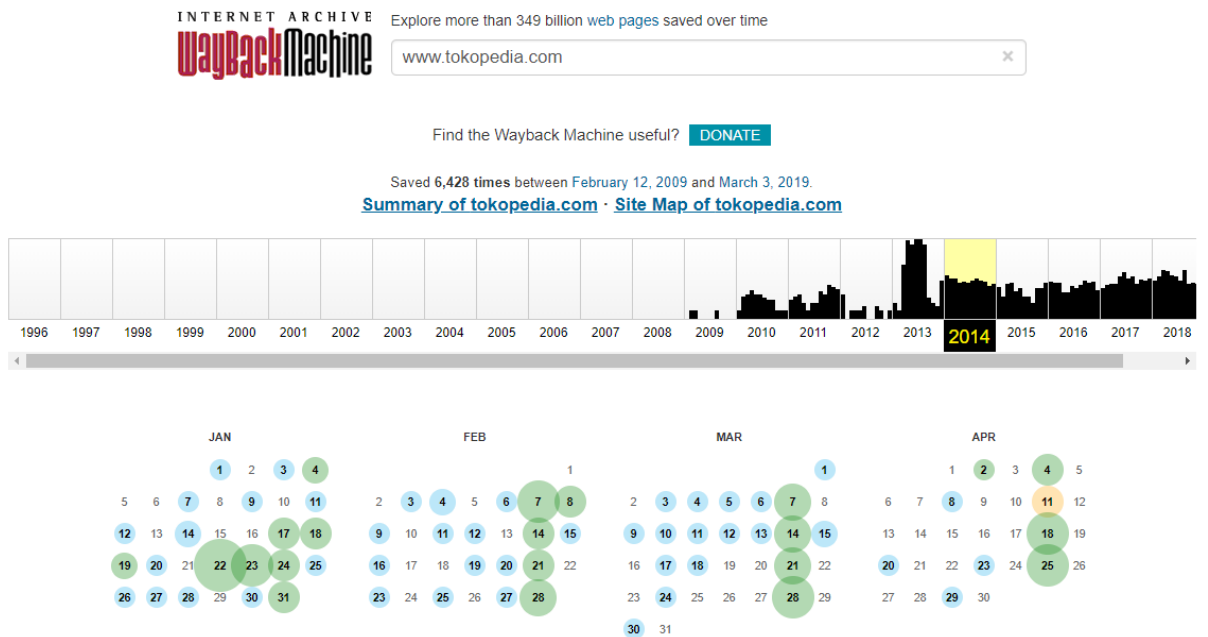


## Tahun 2018



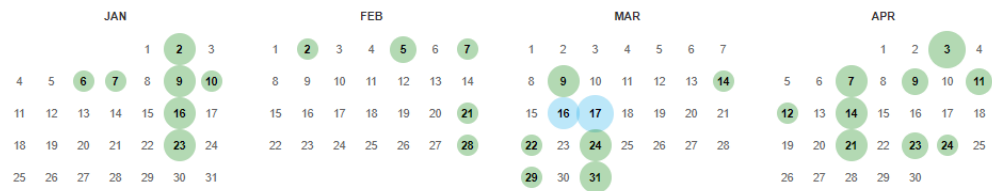
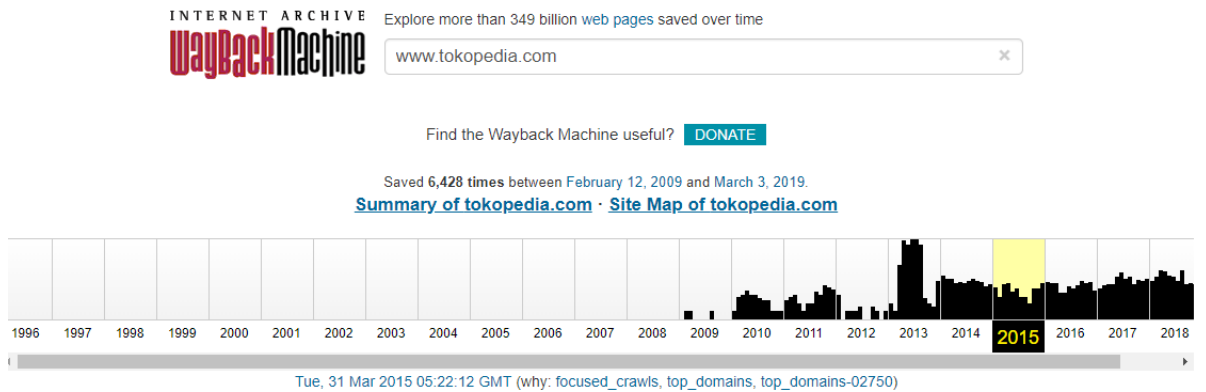
- [www.tokopedia.com](http://www.tokopedia.com)

## Tahun 2014

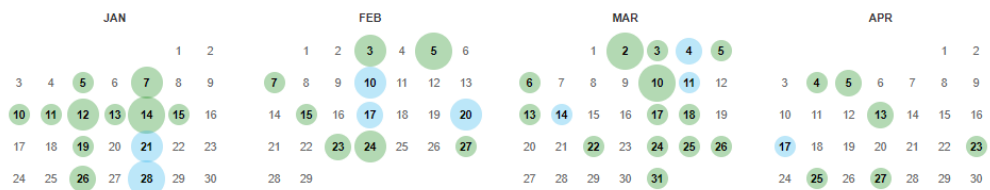
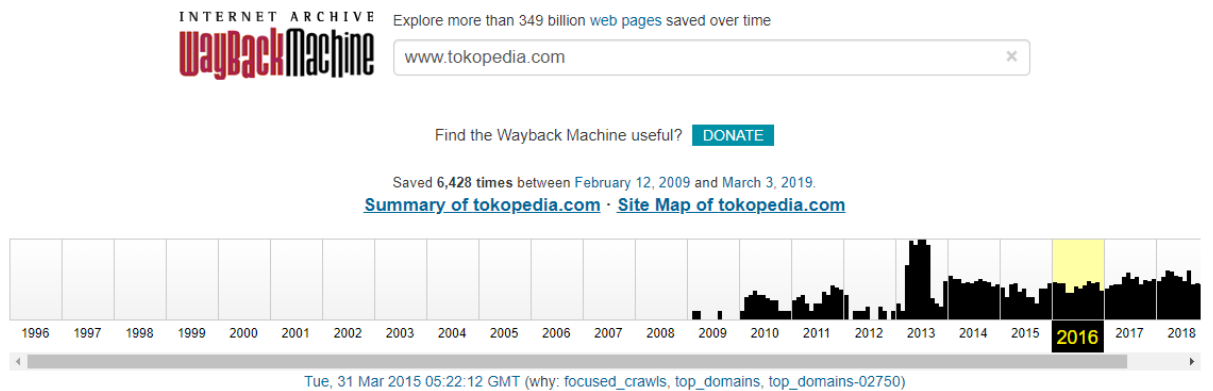




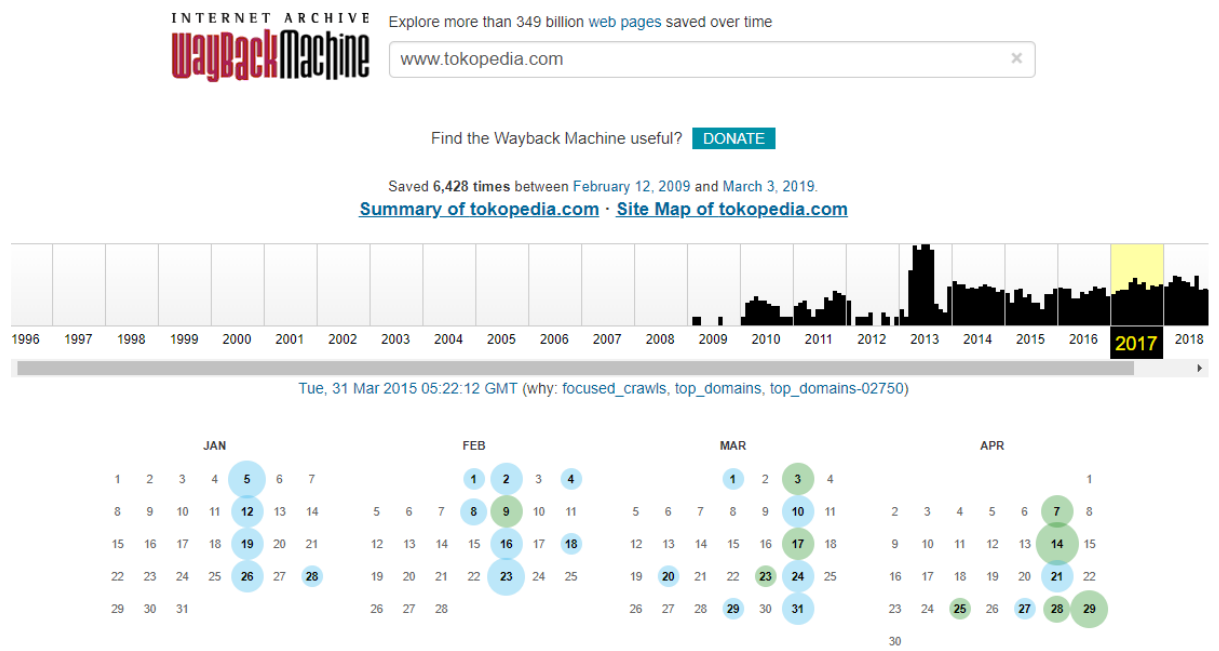
## Tahun 2015



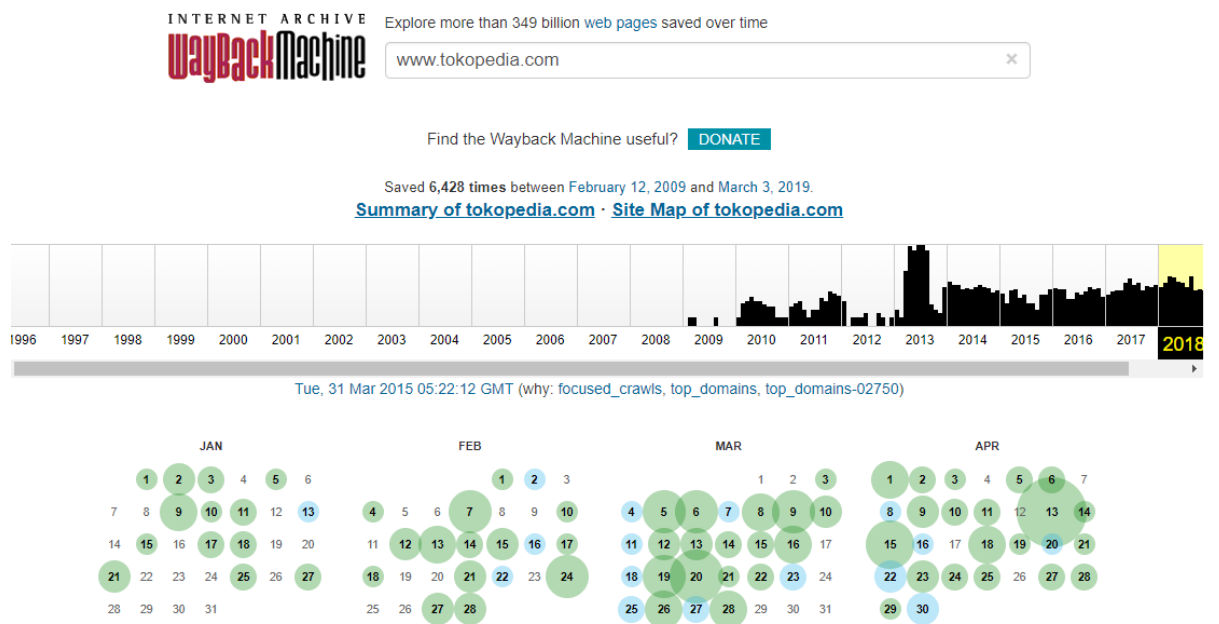
## Tahun 2016



## Tahun 2017

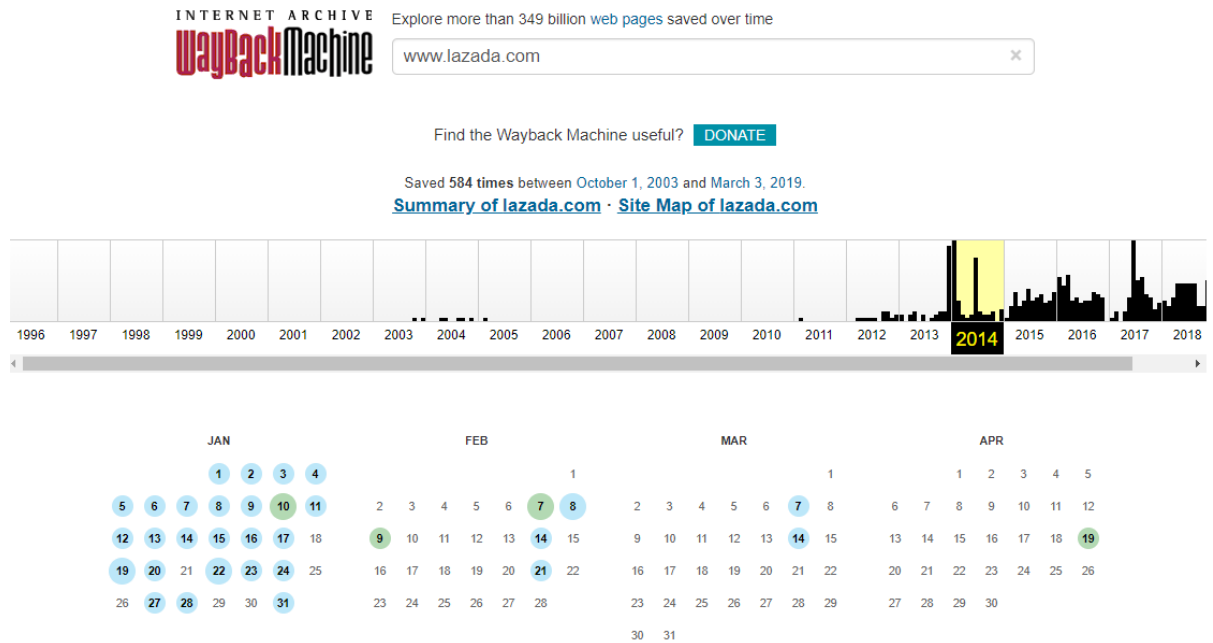


## Tahun 2018

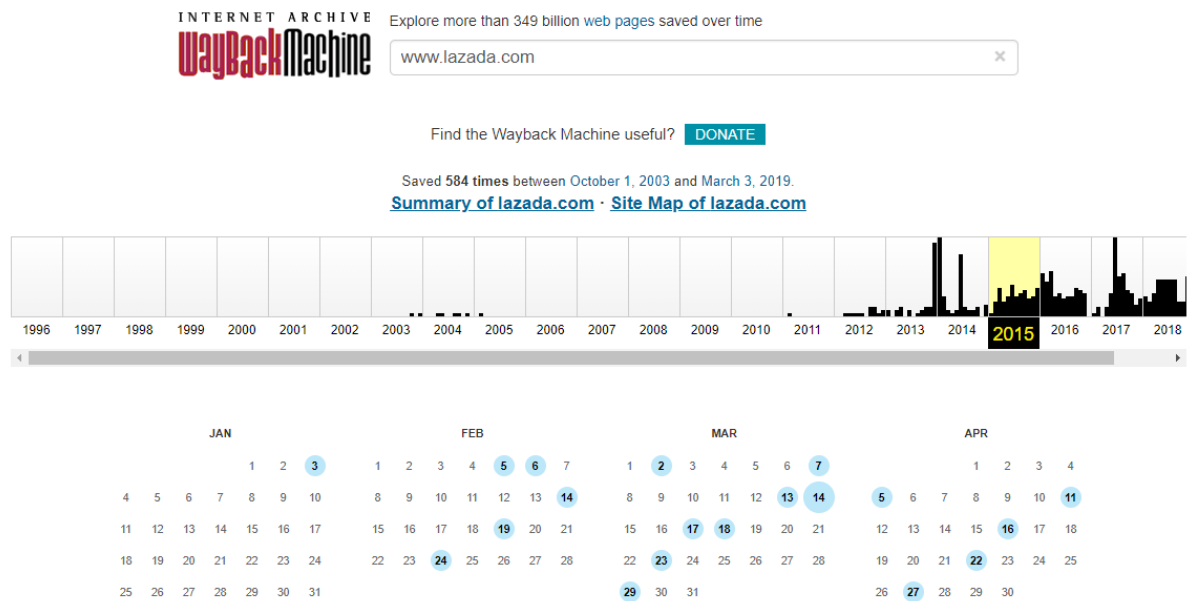


- [www.lazada.com](http://www.lazada.com)

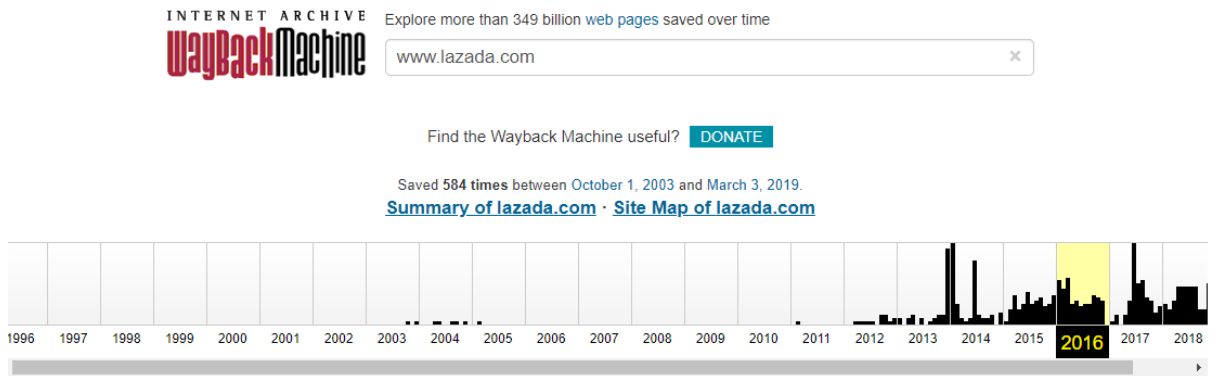
## Tahun 2014



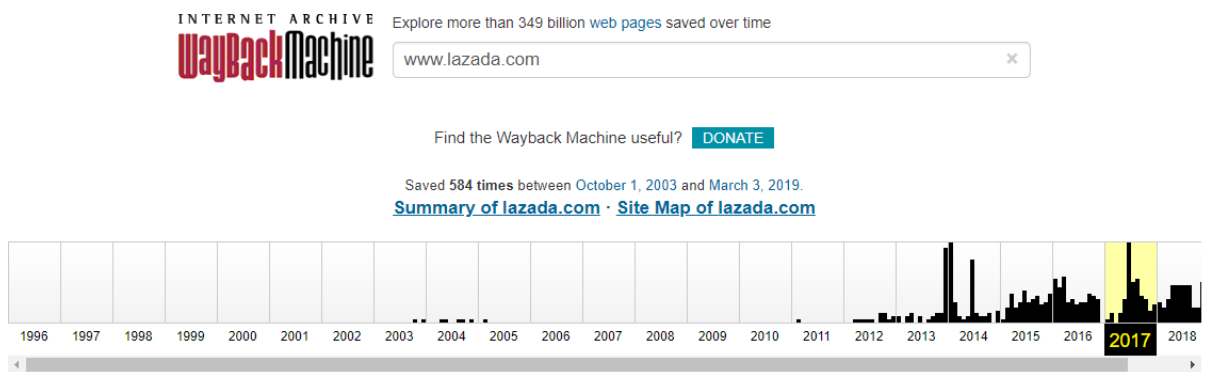
## Tahun 2015



## Tahun 2016



## Tahun 2017



## Tahun 2018



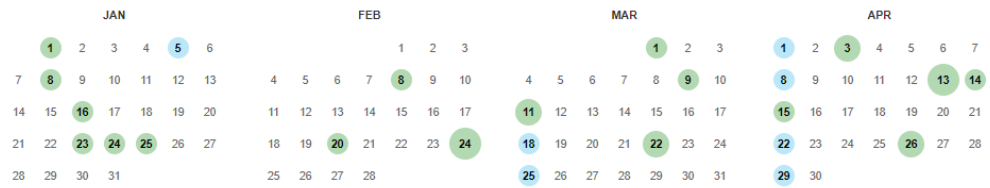
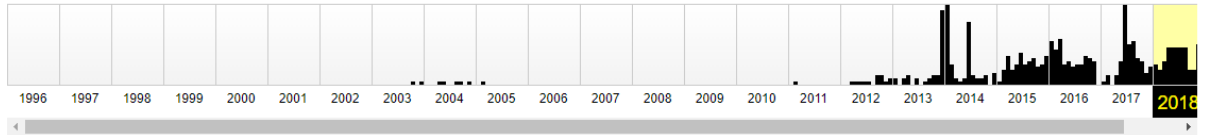
Explore more than 349 billion web pages saved over time

www.lazada.com

Find the Wayback Machine useful? [DONATE](#)

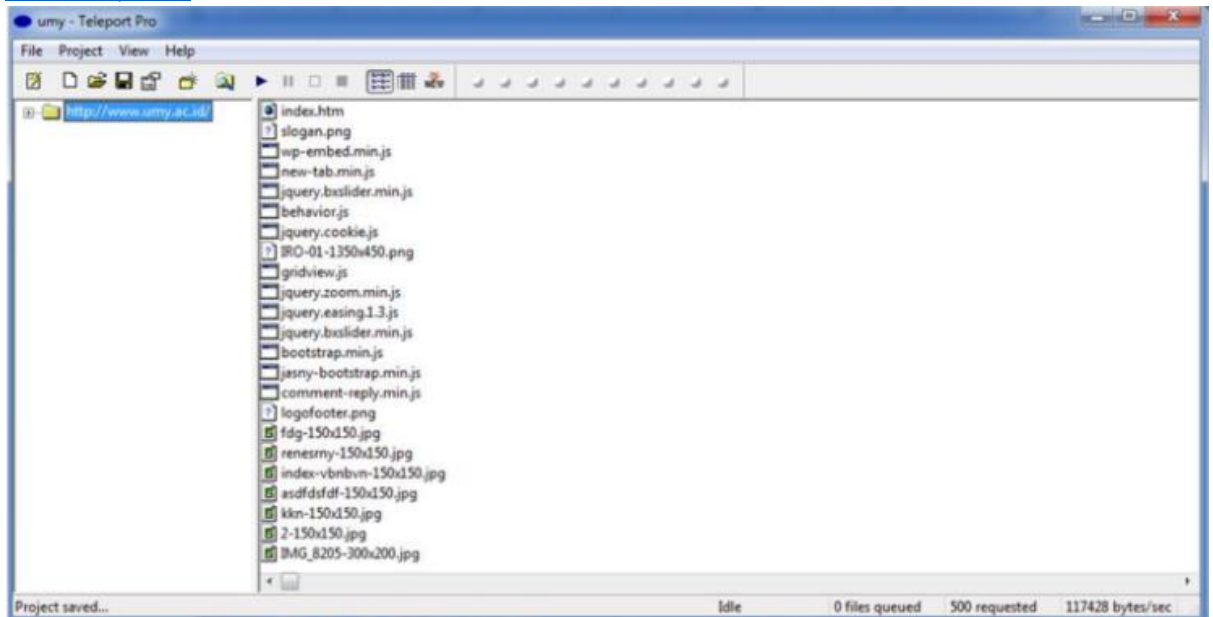
Saved 584 times between [October 1, 2003](#) and [March 3, 2019](#).

[Summary of lazada.com](#) · [Site Map of lazada.com](#)

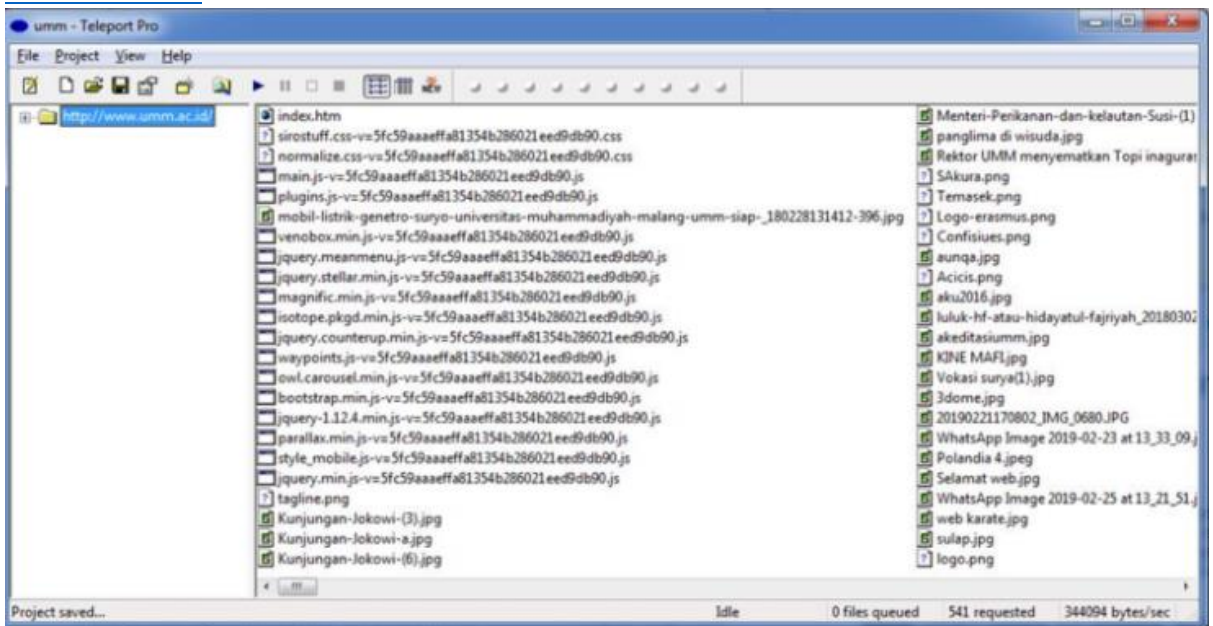


## Tugas Percobaan 2 (duplikasi website)

- [www.ummy.ac.id](http://www.ummy.ac.id)



- [www.umm.ac.id](http://www.umm.ac.id)





### Tugas Percobaan 3 (Jenis Nama Domain)

DOMAIN	TYPE	TLD MANAGER
.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

## Tugas Percobaan 4 (WHOIS melalui website)

- [www.google.co.id](http://www.google.co.id)

 Search for domains or IP addresses...  Premium Domains Transfer Features

# gmail.co.id

whois information

Whois DNS Records Diagnostics

cache expires in 23 hours, 59 minutes and 58 seconds

## Important Dates

Expires On	2019-10-31
Registered On	
Updated On	

## Name Servers


NS1.GOOGLE.COM	216.239.32.10
NS2.GOOGLE.COM	216.239.34.10
NS3.GOOGLE.COM	216.239.36.10
NS4.GOOGLE.COM	216.239.38.10

## Similar Domains

gmail%c3%a7.com | gmail%c3%b1.com | gmail%c3%b6.com | gmail-com.com | gmail-.com | gmail-0.info | gmail-02.com | gmail-1.com | gmail-163.cn | gmail-2.com | gmail-24.com | gmail-acaunt.com | gmail-acc-support.com | gmail-acc.com | gmail-account-creator.com | gmail-account-login.com | gmail-account-protection.com | gmail-account-security.com | gmail-account-update.com | gmail-account.com |

## Registrar Data

We will display stored WHOIS data for up to 30 days.

 Make Private Now


Domain ID:PANDI-D019921  
Domain Name:GMAIL.CO.ID  
Created On:04-Oct-2007 13:21:49 UTC  
Last Updated On:06-Dec-2018 02:47:53 UTC  
Expiration Date:31-Oct-2019 23:59:59 UTC  
Status:ok  
=====

Sponsoring Registrar Organization:Digital Registra  
Sponsoring Registrar City:Sleman  
Sponsoring Registrar Postal Code:55281  
Sponsoring Registrar Country:ID  
Sponsoring Registrar Phone:0274882257  
Sponsoring Registrar Contact Email:info@digitalregistra.co.id  
Name Server:NS1.GOOGLE.COM  
Name Server:NS2.GOOGLE.COM  
Name Server:NS3.GOOGLE.COM  
Name Server:NS4.GOOGLE.COM  
DNSSEC:Unsigned

Information Updated: 2019-03-04 10:52:27



- [www.kaskus.com](http://www.kaskus.com)

**who.is**  

Premium Domains   Transfer   Features

# kaskus.com

whois information

Whois   DNS Records   Diagnostics

cache expires in 23 hours, 59 minutes and 59 seconds

## Registrar Info

Name	GoDaddy.com, LLC
Whois Server	whois.godaddy.com
Referral URL	http://www.godaddy.com
Status	clientDeleteProhibited http://www.icann.org/epp#clientDeleteProhibited clientRenewProhibited http://www.icann.org/epp#clientRenewProhibited clientTransferProhibited http://www.icann.org/epp#clientTransferProhibited clientUpdateProhibited http://www.icann.org/epp#clientUpdateProhibited

## Important Dates

Expires On	2019-05-20
Registered On	2000-05-20
Updated On	2018-10-16

## Name Servers


NS1.KASKUS.COM	216.244.87.157
NS2.KASKUS.COM	46.137.250.62
NS3.KASKUS.COM	52.64.33.127
NS4.KASKUS.COM	103.6.117.25

## Similar Domains

kasku.co | kasku.co.id | kasku.co.uk | kasku.com | kasku.eu | kasku.fi | kasku.net | kasku.nl | kasku.org | kasku.pl | kasku.us | kaskua.com | kaskua.us | kaskuas.us | kaskubar.com | kaskubar.org | kaskuc.com | kaskud.co.id | kaskud.com | kaskud.us |


## Registrar Data

We will display stored WHOIS data for up to 30 days.

 **Make Private Now**

Domain Name: kaskus.com  
Registry Domain ID: 27525333\_DOMAIN\_COM-VRSN  
Registrar WHOIS Server: whois.godaddy.com  
Registrar URL: http://www.godaddy.com  
Updated Date: 2018-10-16T02:06:38Z  
Creation Date: 2000-05-20T19:19:45Z  
Registrar Registration Expiration Date: 2019-05-20T19:19:45Z  
Registrar: GoDaddy.com, LLC  
Registrar IANA ID: 146  
Registrar Abuse Contact Email: **abuse@godaddy.com**  
Registrar Abuse Contact Phone: +1.4806242505  
Domain Status: clientTransferProhibited http://www.icann.org/epp#clientTransferProhibited  
Domain Status: clientUpdateProhibited http://www.icann.org/epp#clientUpdateProhibited  
Domain Status: clientRenewProhibited http://www.icann.org/epp#clientRenewProhibited  
Domain Status: clientDeleteProhibited http://www.icann.org/epp#clientDeleteProhibited  
Registrant Organization: WHOIS PRIVACY PROTECTION SERVICE, INC.  
Registrant State/Province: Washington  
Registrant Country: US  
Registrant Email: Select Contact Domain Holder link at https://www.godaddy.com/whois/results.aspx?domain=kasku.com  
Admin Email: Select Contact Domain Holder link at https://www.godaddy.com/whois/results.aspx?domain=kasku.com  
Tech Email: Select Contact Domain Holder link at https://www.godaddy.com/whois/results.aspx?domain=kasku.com  
Name Server: NS1.KASKUS.COM  
Name Server: NS2.KASKUS.COM  
Name Server: NS3.KASKUS.COM  
Name Server: NS4.KASKUS.COM  
DNSSEC: signedDelegation  
URL of the ICANN WHOIS Data Problem Reporting System: http://wdprs.internic.net/  
>>> Last update of WHOIS database: 2019-03-04T10:00:00Z <<<

- [www.ums.ac.id](http://www.ums.ac.id)

**who.is**   [Premium Domains](#) [Transfer](#) [Features](#)

# ums.ac.id

whois information

[Whois](#) [DNS Records](#) [Diagnostics](#)

cache expires in 23 hours, 59 minutes and 58 seconds

## 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](#) |

## Registrar Data

We will display stored WHOIS data for up to 30 days.

 [Make Private Now](#)

Domain ID:PANDI-D0118795  
Domain Name:UMS.AC.ID  
Created On:01-Dec-1998 13:27:03 UTC  
Last Updated On:10-Sep-2018 07:12:09 UTC  
Expiration Date:01-Oct-2020 23:59:59 UTC  
Status:clientTransferProhibited  
Status:serverTransferProhibited  
=====

Sponsoring Registrar Organization:PT INDOSAT MEGA MEDIA  
Sponsoring Registrar City:Jakarta Selatan  
Sponsoring Registrar State/Province:DKI Jakarta  
Sponsoring Registrar Postal Code:12550  
Sponsoring Registrar Country:ID  
Sponsoring Registrar Phone:02178546969  
Sponsoring Registrar FAX:02178546999  
Sponsoring Registrar Website:<https://indosatm2.id/>  
Sponsoring Registrar Contact **Email:optech@indosat.net.id**  
Name Server:DNS-B.UMS.AC.ID  
Name Server:DNS-A.UMS.AC.ID  
DNSSEC:Unsigned

Information Updated: 2019-03-04 11:03:07

### Tugas Percobaan 5 (DNS dengan nslookup)

```
C:\>nslookup www.gmail.com
Server:  1.43.168.192.in-addr.arpa
Address: 192.168.43.1
```

```
Non-authoritative answer:
Name:    googlemail.l.google.com
Addresses: 2404:6800:4003:c04::12
          172.217.194.17
          172.217.194.18
          172.217.194.19
          172.217.194.83
Aliases: www.gmail.com
          mail.google.com
```

```
C:\>nslookup www.yahoo.com
Server:  1.43.168.192.in-addr.arpa
Address: 192.168.43.1
```

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

```
C:\>nslookup www.kaskus.us
Server:  1.43.168.192.in-addr.arpa
Address: 192.168.43.1
```

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

## Tugas Percobaan 6 (DNS dengan Tool Sam Spade)

- [www.telkomsel.com](http://www.telkomsel.com)

```
Spade - [whois www.telkomsel.com, finished]
File Edit View Window Basics Tools Help

www.telkomsel.com 10 Magic .net .12.1

03/04/19 18:24:42 whois www.telkomsel.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 telkomsel.com ...
Domain Name: TELKOMSEL.COM
Registry Domain ID: 2140368_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.networksolutions.com
Registrar URL: http://networksolutions.com
Updated Date: 2018-10-03T03:27:41Z
Creation Date: 1996-06-14T04:00:00Z
Registry Expiry Date: 2019-06-13T04:00:00Z
Registrar: Network Solutions, LLC
Registrar IANA ID: 2
Registrar Abuse Contact Email: abuse@web.com
Registrar Abuse Contact Phone: +1.8003337680
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Name Server: NS1.TELKOMSEL.COM
Name Server: NS2.TELKOMSEL.COM
Name Server: NS3.TELKOMSEL.COM
Name Server: NS4.TELKOMSEL.COM
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2019-03-04T11:18:21Z <<<
```

- [www.indosat.com](http://www.indosat.com)

```
Spade - [whois www.indosat.com, finished]
File Edit View Window Basics Tools Help

www.indosat.com 10 Magic .net .12.1

03/04/19 18:25:46 whois www.indosat.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 indosat.com ...
Domain Name: INDOSAT.COM
Registry Domain ID: 2354857_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.domainit.com
Registrar URL: http://https://www.domainit.com/
Updated Date: 2018-10-01T02:52:04Z
Creation Date: 1998-11-06T05:00:00Z
Registry Expiry Date: 2019-11-05T05:00:00Z
Registrar: Domain-It!, Inc.
Registrar IANA ID: 412
Registrar Abuse Contact Email: abuse@domainit.com
Registrar Abuse Contact Phone: +1.5133514222
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Name Server: NAKULA.INDOSAT.COM
Name Server: NS2.INDOSAT.COM
Name Server: NS4.INDOSAT.COM
Name Server: SADEWA.INDOSAT.COM
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2019-03-04T11:19:21Z <<<
```

- [www.bukalapak.com](http://www.bukalapak.com)

```

Spade - [whois www.bukalapak.com, finished]
File Edit View Window Basics Tools Help

www.bukalapak.com 10 Magic

03/04/19 18:26:39 whois www.bukalapak.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 bukalapak.com ...
Domain Name: BUKALAPAK.COM
Registry Domain ID: 1568563457_DOMAIN_COM-VRSN
Registrar WHOIS Server: whois.resellercamp.com
Registrar URL: http://www.resellercamp.com
Updated Date: 2018-02-22T07:28:05Z
Creation Date: 2009-09-10T03:50:11Z
Registry Expiry Date: 2026-09-10T03:50:11Z
Registrar: CV. JOGJACAMP
Registrar IANA ID: 1478
Registrar Abuse Contact Email: abuse@resellercamp.com
Registrar Abuse Contact Phone: +62 274 415 585
Domain Status: clientTransferProhibited https://icann.org/epp#clientTransferProhibited
Name Server: NS-1492.AWSDNS-58.ORG
Name Server: NS-1890.AWSDNS-44.CO.UK
Name Server: NS-4.AWSDNS-00.COM
Name Server: NS-979.AWSDNS-58.NET
DNSSEC: unsigned
URL of the ICANN Whois Inaccuracy Complaint Form: https://www.icann.org/wicf/
>>> Last update of whois database: 2019-03-04T11:20:06Z <<<

```

## Tugas Percobaan 7 (Identifikasi Web Server Dengan Sam Spade)

- [www.plasa.com](http://www.plasa.com)

```
Spade - [Browsing http://www.plasa.com/, finished]
File Edit View Window Basics Tools Help

www.plasa.com 10 Magic

03/04/19 18:33:38 Browsing http://www.plasa.com/
Fetching http://www.plasa.com/ ...
GET / HTTP/1.1
Host: www.plasa.com
Connection: close
User-Agent: Sam Spade 1.14

HTTP/1.1 302 Found
Date: Mon, 04 Mar 2019 11:24:33 GMT
Server: Apache/2.4.7
X-Powered-By: PHP/5.5.9-1ubuntu4.26
Location: https://www.blanja.com
Content-Length: 0
Content-Type: text/html
X-Varnish: 1080123
Age: 0
Via: 1.1 varnish-v4
Connection: close
```

- [www.bukalapak.com](http://www.bukalapak.com)

```
Spade - [Browsing http://www.bukalapak.com/, finished]
File Edit View Window Basics Tools Help

www.bukalapak.com 10 Magic

03/04/19 18:36:00 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
Server: blinx
Date: Mon, 04 Mar 2019 11:29:44 GMT
Content-Type: text/html
Content-Length: 178
Connection: close
Location: https://www.bukalapak.com/
```

- [www.ums.ac.id](http://www.ums.ac.id)

```
Spade - [Browsing http://www.ums.ac.id/, finished]
File Edit View Window Basics Tools Help

www.ums.ac.id 10 Magic

03/04/19 18:38:25 Browsing http://www.ums.ac.id/
Fetching http://www.ums.ac.id/ ...
GET / HTTP/1.1
Host: www.ums.ac.id
Connection: close
User-Agent: Sam Spade 1.14

HTTP/1.1 200 OK
Date: Mon, 04 Mar 2019 11:32:09 GMT
Server: Apache/2.4.10 (Debian)
X-Powered-By: PHP/7.0.0
Cache-Control: must-revalidate, no-cache, private
X-Drupal-Dynamic-Cache: MISS
X-UA-Compatible: IE=edge
Content-language: id
X-Content-Type-Options: nosniff
X-Frame-Options: SAMEORIGIN
Expires: Sun, 19 Nov 1978 05:00:00 GMT
Vary: Accept-Encoding
X-Generator: Drupal 8 (https://www.drupal.org)
X-Drupal-Cache: HIT
Transfer-Encoding: chunked
Content-Type: text/html; charset=UTF-8
Connection: close
```

## Tugas Percobaan 8 (Mencari Lokasi Web Server Dengan Tracert)

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

```
Tracing route to www.google.com [216.239.38.120]  
over a maximum of 30 hops:
```

1	7 ms	6 ms	1 ms	1.43.168.192.in-addr.arpa [192.168.43.1]
2	134 ms	11 ms	9 ms	1.0.200.10.in-addr.arpa [10.200.0.1]
3	128 ms	6 ms	5 ms	199.subnet125-160-9.speedy.telkom.net.id [125.160.9.199]
4	29 ms	8 ms	27 ms	180.252.2.149
5	27 ms	30 ms	44 ms	180.252.3.241
6	93 ms	34 ms	33 ms	42.191.240.180.in-addr.arpa [180.240.191.42]
7	44 ms	31 ms	32 ms	41.191.240.180.in-addr.arpa [180.240.191.41]
8	37 ms	38 ms	49 ms	106.204.240.180.in-addr.arpa [180.240.204.106]
9	65 ms	54 ms	106 ms	88.223.14.72.in-addr.arpa [72.14.223.88]
10	50 ms	43 ms	51 ms	225.254.170.108.in-addr.arpa [108.170.254.225]
11	36 ms	30 ms	31 ms	201.242.85.209.in-addr.arpa [209.85.242.201]
12	35 ms	42 ms	30 ms	any-in-2678.1e100.net [216.239.38.120]

```
Trace complete.
```

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

```
Tracing route to www.ums.ac.id [103.226.174.220]  
over a maximum of 30 hops:
```

1	1 ms	3 ms	1 ms	1.43.168.192.in-addr.arpa [192.168.43.1]
2	98 ms	38 ms	112 ms	1.0.200.10.in-addr.arpa [10.200.0.1]
3	299 ms	118 ms	96 ms	199.subnet125-160-9.speedy.telkom.net.id [125.160.9.199]
4	859 ms	82 ms	176 ms	180.252.2.149
5	298 ms	129 ms	108 ms	180.252.3.241
6	240 ms	215 ms	235 ms	42.191.240.180.in-addr.arpa [180.240.191.42]
7	156 ms	100 ms	92 ms	41.191.240.180.in-addr.arpa [180.240.191.41]
8	46 ms	102 ms	32 ms	108.204.240.180.in-addr.arpa [180.240.204.108]
9	122 ms	205 ms	108 ms	9505.sgw.equinix.com [27.111.228.63]
10	276 ms	378 ms	95 ms	78-61-41-175.TWGATE-IP.twgate.net [175.41.61.78]
11	59 ms	84 ms	64 ms	114-0-78-197.resources.indosat.com [114.0.78.197]
12	*	*	*	Request timed out.
13	122 ms	72 ms	59 ms	114-0-2-70.resources.indosat.com [114.0.2.70]
14	134 ms	160 ms	123 ms	114-4-120-86.resources.indosat.com [114.4.120.86]
15	643 ms	520 ms	403 ms	220.174.226.103.in-addr.arpa [103.226.174.220]
16	*	112 ms	117 ms	220.174.226.103.in-addr.arpa [103.226.174.220]

```
Trace complete.
```

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

```
Tracing route to www.bukalapak.com [103.64.14.20]  
over a maximum of 30 hops:
```

1	2 ms	6 ms	2 ms	1.43.168.192.in-addr.arpa [192.168.43.1]
2	215 ms	546 ms	341 ms	1.0.200.10.in-addr.arpa [10.200.0.1]
3	119 ms	82 ms	113 ms	199.subnet125-160-9.speedy.telkom.net.id [125.160.9.199]
4	232 ms	155 ms	162 ms	180.252.2.149
5	500 ms	19 ms	8 ms	180.252.3.241
6	132 ms	182 ms	116 ms	36.91.238.213
7	77 ms	99 ms	98 ms	36.91.238.214
8	171 ms	178 ms	181 ms	20.14.64.103.in-addr.arpa [103.64.14.20]

```
Trace complete.
```