

Internet Monitoring Action Project

iMAP Malaysia 2023 Internet Censorship Report

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About iMAP

The Internet Monitoring Action Project (iMAP) aims to establish regional and in-country networks that monitor network interference and restrictions to the freedom of expression online in 10 countries: Myanmar, Cambodia, Hong Kong, India, Indonesia, Malaysia, Philippines, Thailand, Timor-Leste, and Vietnam. Sinar Project is currently working with national digital rights partners in these 10 countries. The project is done via Open Observatory Network Interference (OONI) detection and reporting systems, and it involves the maintenance of test lists as well as the collection and analysis of measurements.

More information is available at imap.sinarproject.org. Any enquiries and suggestions about this report can be directed to team@sinarproject.org.

About Sinar Project

Sinar Project is a civic tech initiative that uses open technology, open data, and policy analysis to systematically make important information public and more accessible to the Malaysian people. It aims to improve governance and encourage greater citizen involvement in the public affairs of the nation by making the Parliament and the Malaysian Government more open, transparent, and accountable. More information is available at <https://sinarproject.org>.

How to Use This Report

Recommendations to audience:

- Supporting evidence of internet censorship
- Understanding what is the latest development of internet censorship in the country, in terms of methods of blockings and the websites affected by censorship
- Policy advocacy
- Call for action

This report is not meant to provide a comparison of measurements across countries or measurements among different website categories covered by the iMAP project.

Abbreviations

ALDR	Alcohol & Drugs
ANON	Anonymization and circumvention tools
ASN	Autonomous System Number
COMT	Communication Tools
CTRL	Control content
CULTR	Culture
DNS	Domain Name System
COMM	E-commerce
ECON	Economics
ENV	Environment
FILE	File-sharing
GMB	Gambling
GAME	Gaming
GOVT	Government
HACK	Hacking Tools
HATE	Hate Speech
HOST	Hosting and Blogging Platforms
HUMR	Human Rights Issues
HTTP	Hypertext Transfer Protocol
IGO	Intergovernmental Organisations
ICCPR	International Covenant on Civil and Political Rights
iMAP	Internet Monitoring Action Project
IP	Internet Protocol
ISP	Internet Service Provider
MMED	Media sharing
MISC	Miscellaneous content
NEWS	News Media
DATE	Online Dating
OONI	Open Observatory Network Interference
POLR	Political Criticism
PORN	Pornography
PROV	Provocative Attire

PUBH	Public Health
REL	Religion
SRCH	Search Engines
XED	Sex Education
GRP	Social Networking
MILX	Terrorism and Militants
TCP	Transmission Control Protocol
TLS	Transport Layer Security

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Key Findings

- A total of 530 links were found to experience instances of blockings from July 2022 to June 2023. These websites ranged from pornography, political criticism, gambling, LGBT, file sharing, news media, religion, culture, media sharing, online dating, e-commerce, gaming, to hosting and blogging platforms.
- DNS tampering was the main method used to implement censorship.
- Malaysia Now news site and Malaysia Today political commentary blog are new findings of blockings during the coverage period. Both sites are perceived to be critical to the current administration.
- The official website of the Coalition for Clean and Fair Election, bersih.org, continued to be blocked during the coverage period.

Background

Population	33.4 million ¹
Internet penetration (% of population using the internet)	96% (2022) ²
Mobile subscriptions (per 100 inhabitants)	43,770,800 (Q1 2023) ³
Freedom on the Net score (2022)	59/100
Religion (%)	Muslim: 63.5%; Buddhist: 18.7%; Christian: 9.1%; Hindu: 6.1%; Atheist: 1.8%; Others: 0.9% ⁴
ICCPR Ratification	No

Table 1: Summary of demographics of Malaysia

In 2023, the total population of Malaysia is estimated at 33.4 million, of which 30.4 million are citizens. The total population comprises 17.5 million males and 15.7 million females. The gender ratio stands at 110 males for every 100 females.⁵

As a multicultural country, the major ethnic group Bumiputera comprised 70.1 percent out of the 30.4 million citizens, followed by Chinese ethnic group at 22.6 percent, Indian population at 6.6 percent, and other ethnic group at 0.7 percent.⁶

¹ Department of Statistics Malaysia. (2023, July 31). Current Population Estimates, Malaysia, 2023.

<https://www.dosm.gov.my/portal-main/release-content/current-population-estimates-malaysia---2023>

² Department of Statistics Malaysia. (2023, May 31). ICT Use and Access by Individuals and Households Survey Report.

<https://www.dosm.gov.my/portal-main/release-content/82c59a73-8b80-11ed-96a6-1866daa77ef9>

³ Malaysian Communications and Multimedia Commission. (2023, March 31). Communications and Multimedia Facts and Figure 1Q 2023.

https://www.mcmc.gov.my/skmmgovmy/media/General/Resources/C-M-1Q-2023_ENG.pdf

⁴ Department of Statistics Malaysia. (2023). Kawasanku dashboard, <https://open.dosm.gov.my/dashboard/kawasanku>

⁵ Department of Statistics Malaysia. (2023, July 31). Current Population Estimates, Malaysia, 2023.

https://www.dosm.gov.my/uploads/release-content/file_20230731104908.pdf

⁶ Department of Statistics Malaysia. (2023, July 31). Current Population Estimates, Malaysia, 2023.

The state of Selangor has the highest population composition at 21.6 percent, followed by Johor at 12.3 percent and Sabah at 10.8 percent. The population density is also different: Kuala Lumpur has the highest population density of 8,235 per square meter, followed by Putrajaya at 2,017, and Penang at 1,718 per square meter. The largest state, Sarawak, has the lowest with 20 people per square kilometer. This is followed by the third largest state, Pahang, at 45 people and the second largest state, Sabah, at 48 people.⁷

Political Landscape

From 2018 to 2023, Malaysia was in a state of political instability as the country underwent four changes of government in a five-year period. Malaysia is currently under a new unity government led by the 10th Prime Minister, Anwar Ibrahim, who began his office on 24 November 2022.

Since gaining independence in 1957, Malaysia has been ruled by the National Front (*Barisan Nasional*, also known as BN) coalition until 2018 when the Alliance of Hope (*Pakatan Harapan*, also known as PH) coalition took over after successfully gaining the majority seats during the 14th General Election. The PH administration lasted for only 22 months and collapsed after many of its key members changed alliances, causing PH to lose its majority.

In March 2020, the National Alliance (*Perikatan Nasional*, also known as PN) replaced the PH administration. It was led by Muhyiddin Yassin, who is the President of the Malaysian United Indigenous Party (*Parti Pribumi Bersatu Malaysia*, also known as BERSATU), a then-member of the PH coalition. His administration was also short-lived. After 17 months in office, he resigned from the position in August 2021 due to instability within the PN coalition with the withdrawal of support by United Malays National Organisation (UMNO), a party aligned with PN.

Following Muhyiddin's resignation, the Yang di-Pertuan Agong appointed a new Prime Minister in August 2022: Ismail Sabri, who is the Vice President of the United Malays National Organisation (UMNO), a component party of the BN coalition. The selection process was by way of submission of Statutory Declarations from all the Members of Parliament on their respective choice of Prime Minister to and verified by the King.⁸

In October 2022, Ismail Sabri called for the Parliament to be dissolved after 15 months in office to make way for the national general election. The 15th national general election held on 19 November 2023 saw no single party or coalition gaining the simple majority, resulting in a hung parliament for the first time in Malaysian history. After days of negotiations among political parties, Anwar Ibrahim successfully obtained support from BN, Sarawak Parties Alliance (*Gabungan Parti Sarawak*, also known as GPS), Heritage Party (*Warisan*), Malaysian United Democratic Alliance (MUDA), Parti Bangsa Malaysia, and other

<https://www.dosm.gov.my/portal-main/release-content/current-population-estimates-malaysia----2023>

⁷ Department of Statistics Malaysia. (2023, July 31). Current Population Estimates, Malaysia, 2023. https://www.dosm.gov.my/uploads/release-content/file_20230731104908.pdf

⁸ Ismail Sabri sworn in as Malaysia's ninth Prime Minister. (2021, September 15). The Star.

<https://www.thestar.com.my/news/nation/2021/08/21/ismail-sabri-sworn-in-as-ninth-prime-minister>

independent Members of Parliament to secure a simple majority support. He was sworn in as the 10th Prime Minister on 24 November 2023.

Legal environment

(No updates)

The Federal Constitution expressly guarantees the right to freedom of expression under Article 10.⁹ Under the objects of the Communications and Multimedia Act (CMA) 1998, it is expressly stated that the act does not permit the censorship of the internet, under Section 3(3). The Malaysian Government has also provided guarantees to companies with Malaysia Digital status [formerly known as Multimedia Super Corridor (MSC)], ensuring that the internet will not be censored under Bill of Guarantees (BoGs), except for illegal, obscene, or indecent materials or any other actions that are deemed illegal in the physical world.¹⁰

Restrictions to freedom of expression online can be seen in the use of Sections 211 and 233 of the CMA 1998, Sedition Act 1948, Penal Code, Section 114A of the Evidence Act 1950.

Communications and Multimedia Act 1998

Update: A bill was passed prior to the 15th national general election to amend the Communications and Multimedia Act 1998, but it is currently under review by the new unity government. Information about the specifics of the amendments is yet to be publicly revealed. The current Ministry of Communications and Digital is considering amendments that would allow the Malaysian Communications and Multimedia Commission (MCMC) to be given more powers and increase the penalty under Section 233.¹¹

Both Sections 211 and 233 are applied in regulating offensive content on the internet that are deemed to be “indecent, obscene, false, menacing, or offensive in character with intent to annoy, abuse, threaten or harass any person”. Section 211 deals with the prohibition of provision of such offensive content, whilst Section 233 deals with the improper use of network service or application service to carry out such offence through communication. Both sections carry a maximum penalty of RM50,000 or imprisonment not exceeding one year, or both.

Sedition Act 1948

(No updates)

Section 4(1) covers a range of actions that reflects “seditious” tendency, including carrying out actions or uttering seditious words and publishing or importing seditious publications.

⁹ Malaysia Federal Constitution. <https://lom.agc.gov.my/federal-constitution.php>

¹⁰ Malaysia Digital Economy Corporation. The Malaysia Digital (MD) Bill of Guarantees. https://mdec.my/wp-content/uploads/MD-BoG-Explanatory-Notes_30-June-2022.pdf

¹¹ Bernama. (2023, March 17). MCMC asked to review amendments to Communications and Multimedia Act. *The Star*.

<https://www.thestar.com.my/news/nation/2023/03/17/mcmc-asked-to-review-amendments-to-communications-and-multimedia-act>

This section has been challenged to be unconstitutional and void in the past but ruled otherwise by the Federal Court. While not specifically stated, it has been applied to publications made online.¹² Malaysian artist Fahmi Reza was investigated under Section 4(1) of the Sedition Act 1948 and Section 233 of the Communications and Multimedia Act 1998 over his satirical drawing posted online that depicted a cartoon ape in royal attire.¹³

Penal Code

(No updates)

Several sections of the Penal Code have been used in the past against online users for contents posted online, notably Section 298A for online contents alleged to be insulting Islam¹⁴, Section 500 for criminal defamation over an online graphic resembling the then Health Minister Dr Adham Baba,¹⁵ and Section 505 for “statements conducing to public mischief” over a blog post written by a politician of an opposition party in criticism of the ruling government.¹⁶

Evidence Act 1950

(No updates)

Evidence Act 1950 does not impose punishment on offenses carried out in the online space, but the amendment that came into force in 2012 with the introduction of Section 114A has a direct impact on online users. Under Section 114A, a person is deemed to be the publisher of online content if the person’s identity is shown to possess control over the content, if the content originates from the network subscribed under the name of the person, or if the content originates from the computer in custody of the person. This presumption is problematic as it could lead to a situation where a person could be found responsible over actions committed online by another using the person’s computer or the person’s network. For instance, the local online news portal Malaysiakini was found to be liable for contempt of

¹² Lim, I. (2015, October 6). Federal Court rules Sedition Act constitutional, UM’s Azmi Sharom to stand trial. *Malay Mail*.

<https://www.malaymail.com/news/malaysia/2015/10/06/federal-court-rules-sedition-act-constitutional-um-azmi-sharom-to-stand-tr/982345>

¹³ FMT Reporters. (2022, April 14). Fahmi Reza probed for sedition over satirical ape cartoon, say cops. *Free Malaysia Today*.

<https://www.freemalaysiatoday.com/category/nation/2022/04/14/fahmi-reza-probed-for-sedition-over-satirical-ape-cartoon-say-cops/>

¹⁴ Teoh, P. Y. (2022, July 17). Man who allegedly insulted Islam arrested by police. *New Straits Times*.

<https://www.nst.com.my/news/crime-courts/2022/07/814085/man-who-allegedly-insulted-islam-arrested-police>

¹⁵ SoyaCincau. (2021, March 9). Fahmi Reza investigated for alleged defamation against Ministry of Health. *SoyaCincau*.

<https://soyacincau.com/2021/03/09/fahmi-reza-investigated-for-alleged-defamation-against-ministry-of-health/>

¹⁶ Palansamy, Y. (2022, May 21). Cops say probe opened after Kit Siang’s tweet on Sri Lankans burning homes of their PM, Cabinet. *Malay Mail*.

<https://www.malaymail.com/news/malaysia/2022/05/21/cops-say-probe-opened-after-kit-siangs-tweet-on-sri-lankans-burning-homes-of-their-pm-cabinet/7969>

court by the Federal Court over a comment left by its reader in relation to the judiciary on its portal.¹⁷

Reported Cases of Internet Censorship

The Ministry of Communications and Multimedia (MCMC) does not publish a list of blocked sites; however, statements have been released from time to time to announce the number of sites blocked. It was revealed that 6,381 websites promoting online gambling were blocked between 2020 to 2022.¹⁸

In April 2023, all telecommunication companies were directed by the MCMC to block any short message services containing any URL link as a measure to prevent online fraud.¹⁹ Additionally, the Malaysian government has made attempts to remove online contents, but it does not have direct control over contents hosted on platforms registered outside of Malaysia.²⁰

On 19 January 2023, local indie film *Mentega Terbang* was made available for streaming through the Viu streaming service platform,²¹ but it was subsequently taken down on 27 February 2023 by the platform itself. Clips of the film went viral and drew criticisms for touching on Muslim sensitivity. Producers of the film faced both online and physical attacks.²² They were also investigated under Sections 298A and 505(b) of the Penal Code and Section 233 of the Communications and Multimedia Act 1998.²³ The Minister of Home Affairs made an order under the Film Censorship (Prohibition) Order 2023 to ban *Mentega Terbang* from being exhibited, displayed, distributed, possessed, circulated, or sold.²⁴

Network Landscape and Internet Penetration

¹⁷ Abdul Rashid, H. R. (2021, February 21). Malaysiakini in contempt over readers' comments, rules Federal Court. *Malaysiakini*. <https://www.malaysiakini.com/news/563548>

¹⁸ Bernama. (2023, February 5). MCMC Blocked 6,381 online gambling websites. *The Star*. <https://www.thestar.com.my/news/nation/2023/02/05/mcmc-blocked-6381-online-gambling-websites>

¹⁹ Bernama. (2023, April 1). Deputy minister: MCMC directs telcos to block URL links in SMS to avoid being scammed. *Malay Mail*.

<https://www.malaymail.com/news/malaysia/2023/04/01/deputy-minister-mcmc-directs-telcos-to-block-url-links-in-sms-to-avoid-being-scammed/62661>

²⁰ Carvalho, M., & Tan, T. (2021, December 1). 'We cannot regulate online content.' *The Star*. <https://www.thestar.com.my/news/nation/2021/12/01/we-cannot-regulate-online-content>

²¹ Wee, J. (2023, January 1). Acclaimed local film exploring religion and death, 'Mentega Terbang', now available to stream on Viu. *Malay Mail*.

<https://www.malaymail.com/news/showbiz/2023/01/14/acclaimed-local-film-exploring-religion-and-death-mentega-terbang-now-available-to-stream-on-viu/50185>

²² Tahir Alhamzah. (2023, March 22). #Showbiz: Stop harassment and intimidation against those involved in 'Mentega Terbang', urge NGOs. *New Straits Times*. <https://www.nst.com.my/lifestyle/groove/2023/03/891724/showbiz-stop-harassment-and-intimidation-against-those-involved>

²³ Bernama. (2023, March 6). Bukit Aman start probe on 'Mentega Terbang' film. *New Straits Times*. <https://www.nst.com.my/news/crime-courts/2023/03/886483/bukit-aman-start-probe-mentega-terbang-film>

²⁴

Film	Censorship	(Prohibition)	Order	2023
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<https://lom.agc.gov.my/act-detail.php?act=620&lang=BI&date=01-01-2006#timeline>

Male internet users have increased from 97.2% in 2021 to 98.8% in 2022, whereas female internet users have reduced from 96.3% in 2021 to 95.9% in 2022.²⁵

The first quarter of 2023 recorded a fixed broadband penetration rate of 48.6% per 100 premises and mobile broadband penetration rate of 132 per 100 inhabitants. For fixed broadband, Kelantan has the lowest penetration rate at 24.8%, followed by Sabah at 29.7% and Pahang at 30.9%, while Putrajaya has the lowest mobile broadband penetration rate at 95.4%, followed by Labuan at 97.9% and Sabah at 100.2%.²⁶

Malaysia has 42,588,600 4G mobile broadband subscriptions and 1,030,000 5G mobile broadband subscriptions. Sarawak, the largest state in Malaysia has the lowest 4G mobile broadband coverage at 87.4%, followed by Sabah at 90.4% and Pahang at 94.3%. The highest 4G mobile broadband coverage areas are Kuala Lumpur and Putrajaya, both at 100%; this is followed by Selangor and Pulau Pinang, both at 99.9%.²⁷

Internet and mobile service providers in Malaysia are privately-owned except for Telekom Malaysia, whose majority shareholder consists of Khazanah Nasional, the investment holding arm under the Malaysian government. Telekom Malaysia is the largest broadband provider.²⁸ Following the successful merger of Celcom and Digi in December 2022, they are now the largest mobile broadband provider and largest local-listed tech company in Malaysia,²⁹ but maintain their separate brands on the market.

Some of the main internet and mobile service providers are as follows:

Mobile Operators/ISPs	Fixed Internet	Mobile Internet
Celcom Axiata	x	x
Digi Telecommunications	x	x
Maxis Communications	x	x
redONE		x
Telekom Malaysia	x	x
Time dotCom	x	

²⁵ Department of Statistics Malaysia. (2023, May 31). ICT Use and Access by Individuals and Households Survey Report.

https://www.dosm.gov.my/uploads/release-content/file_20230531124923.pdf

²⁶ Malaysian Communications and Multimedia Commission. (2023). Communications & Multimedia Facts & Figures 1Q 2023.

https://www.mcmc.gov.my/skmmgovmy/media/General/Resources/C-M-1Q-2023_ENG.pdf

²⁷ Malaysian Communications and Multimedia Commission. (2023). Communications & Multimedia Facts & Figures 1Q 2023.

https://www.mcmc.gov.my/skmmgovmy/media/General/Resources/C-M-1Q-2023_ENG.pdf

²⁸ Teoh, K.B., et al. (2022). A Study on Customer Satisfaction of Telekom Malaysia Broadband. Asia Pacific Journal of Management and Education, 5(1), 79-93

<https://ejournal.aibpmjournals.com/index.php/APJME/article/viewFile/1429/1301>

²⁹ Soya Cincau. (2022, November 30). Celcom-Digi merger is now complete, forming the largest tech company on Bursa Malaysia.

<https://www.mcmc.gov.my/ms/media/press-clippings/celcom-digi-merger-is-now-complete-forming-the-lar>

Tune Talk		x
U Mobile	x	x
Yes	x	x
Yoodo		x

Table 2: Summary of main telecommunications operators in Malaysia

Findings on Internet Censorship in Malaysia

All of the findings are based on data collected through OONI from 1 July 2022 to 30 June 2023.

Blocking of Websites

Throughout the one-year period, 6,591,418 million measurements from 4,200 inputs of URL were tested. As of 30 June 2023, the test list contained 1,629 websites in the Global Test List and 525 websites in the Malaysia Test List.

Based on the OONI measurements, the following terms are used in this report:

- **Measured or Measurement Counts:** Refers to the total number of measurements collected through the OONI Probe.
- **Blocked:** Refers to “Confirmed Blocked” in OONI Measurement, which are measurements from websites automatically confirmed to be blocked (e.g., a block page was served).
- **Likely Blocked:** Refers to “Anomaly” and “Failure” in OONI Measurement. Anomalies are measurements that show signs of potential blocking; however, [false positives](#) can occur. Failures refer to failed experiments in OONI testing, although they can sometimes be [symptomatic of censorship](#).

The table below summarises the results of testing:

	Jul-Sep 2022	Oct-Dec 2022	Jan-Mar 2023	Apr-Jun 2023	Total
Measured	1,816,719	1,587,905	1,586,839	1,600,015	6,591,418
Blocked	28,682	15,811	16,379	35,042	95,900
Block rate	1.58%	1.00%	1.03%	2.19%	1.45%
Input	2,442	2,567	2,259	3,668	4,200
ASNs	15	20	14	17	28

Table 3: Summary of OONI web connectivity measurements for Malaysia from 1 July 2022 to 30 June 2023.

These measurements were analysed using the heuristics mentioned in Annex IV. It was found that there were 530 blocked websites that were confirmed by OONI. The full list of these confirmed blocked websites can be found in Annex I.

The top three categories of websites found with the highest percentage of blocked and likely blocked measurements are pornography, gambling, and online dating websites. DNS tampering is the main method used for censorship in the blocking of websites.

Category	Category description	OONI Probe Measurements	Number of blocked and likely blocked measurements	Percentage of blocked and likely blocked measurements
ALDR	Alcohol & Drugs	110,798	1,130	1.0%
ANON	Anonymization and circumvention tools	395,686	18,396	4.6%
COMM	E-commerce	62,963	1,417	2.3%
COMT	Communication Tools	398,397	5,247	1.3%
CTRL	Control content	52,231	159	0.3%
CULTR	Culture	343,862	9,806	2.9%
DATE	Online Dating	88,300	12,184	13.8%
ECON	Economics	94,486	4,035	4.3%
ENV	Environment	156,581	1,311	0.8%
FILE	File-sharing	155,985	13,922	8.9%
GAME	Gaming	90,929	2,793	3.1%
GMB	Gambling	94,719	17,946	18.9%
GOVT	Government	86,734	9,554	11.0%
GRP	Social Networking	370,934	6,185	1.7%
HACK	Hacking Tools	119,447	4,686	3.9%
HATE	Hate Speech	21,304	198	0.9%
HOST	Hosting and Blogging Platforms	387,575	11,488	3.0%
HUMR	Human Rights Issues	809,961	25,847	3.2%
IGO	Intergovernmental Organization	21,516	102	0.5%
LGBT	LGBT	361,737	20,149	5.6%
MILX	Terrorism and Militants	12,888	430	3.3%
MISC	Miscellaneous content	8,254	30	0.4%
MMED	Media sharing	195,775	6,091	3.1%
NEWS	News Media	639,741	13,025	2.0%
POLR	Political Criticism	433,654	26,107	6.0%
PORN	Pornography	70,413	25,708	36.5%
PROV	Provocative Attire	47,728	3,322	7.0%
PUBH	Public Health	218,939	4,454	2.0%
REL	Religion	398,733	25,107	6.3%

Category	Category description	OONI Probe Measurements	Number of blocked and likely blocked measurements	Percentage of blocked and likely blocked measurements
SRCH	Search Engines	121,986	5,332	4.4%
XED	Sex Education	123,533	3,272	2.6%

Table 4: Summary of OONI web connectivity measurements for Malaysia from 1 July 2022 to 30 June 2023 by category

Note: Blocked and likely blocked measurements include Confirmed Blocked, Anomaly, and Failures on OONI measurements.

Political Criticism Websites

There are a total of 19 inputs found to be confirmed blocked from access in Malaysia.

No.	Input	Description
1.	http://edisisiasatmy.blogspot.com/	Blog exposing alleged scandals and corruption practices in the police force
2.	https://edisisiasatmy.blogspot.com/	
3.	http://khilafah.net/	Website promoting Khilafah state and Islamic affairs around the world
4.	http://www.khilafah.com	
5.	http://www.khilafah.com/	
6.	http://www.financetwitter.com/	Blog featuring contents on economy and financial-related news including political impact on the market
7.	http://www.hizb-ut-tahrir.org	Islamic blog promoting Khilafah state with contents on political analysis with publications from Islamic perspectives
8.	http://www.hizb-ut-tahrir.org/	
9.	https://www.bersih.org	Official website of the Coalition for Clean and Fair Elections formed by members of civil society organisations and political parties in campaigning for clean and fair elections
10.	https://www.bersih.org/	
11.	http://www.bersih.org	

12.	http://bersih.org/	
13.	http://bersih.org	
14.	https://monyetistana.com/	NFT Fundraising Campaign website featuring a cartoon monkey mimicking royalty
15.	https://occupystreams.org/	Site promoting online gambling in Indonesian language. This URL was previously a German-language site critical of the pharmaceutical industry.
16.	https://steadyaku47.com/home/	Blog with articles commenting on current affairs in Malaysia.
17.	http://steadyaku-steadyaku-hussein-hamid.blogspot.my/	
18.	https://www.jihadwatch.org/	Blog taking a far-right approach seeking to counter jihad moment, run by Robert Spencer
19.	https://www.malaysia-today.net/	Political commentary site run by Raja Petra, commonly known as RPK

Table 5: Inputs of political criticisms websites found to be blocked in Malaysia.

Compared to the 2022 report findings, most blocked websites are the same, except for the Malaysia Today website, which is a new addition to the blocked list.

Malaysia Today

The Malaysia Today website (<https://www.malaysia-today.net/>) is a news blog run by Malaysian political commentator and blogger Raja Petra Kamaruddin, who is now residing in England. In 2009, charges were made against him for alleged publications containing seditious and defamatory content. Arrest warrants were reportedly issued for his failure to appear in court, which was said to be the reason for him leaving Malaysia.³⁰

The website was first detected to be blocked on 16 October 2022, and it continues to be blocked at the end of the coverage period. Instances of blockings were found on several networks, namely: U Mobile (AS38466), TM (AS4788), Digi (AS4818), and Maxis (AS9534). There was no official reason given for the blocking of the website.

However, the website was intermittently blocked during the coverage period. After the blocking was first seen on 16 October 2022, the site was found to be fully accessible after 23

³⁰ Bernama. (2023, June 22). Call me if you want to return home, Saifuddin Nasution tells fugitive blogger Raja Petra. Malay Mail. <https://www.malaymail.com/news/malaysia/2023/06/22/call-me-if-you-want-to-return-home-saifuddin-nasution-tells-fugitive-blogger-raja-petra/75735>

days from 9 November 2022 onwards. There were then several instances of blockings found on 11 November, 18 November, 27 November, 1 December, and 12 December 2022. During the period of blocking in October 2022, Raja Petra had claimed that the Malaysia Today website was pro-government, i.e., the BN administration led by previous Prime Minister Ismail Sabri.³¹ The articles published on Malaysia Today in the days before the first blocking was detected on 16 October 2022 were mostly surrounding the topic of general elections.

In 2023, blockings were found again intermittently between 15 to 17 January 2023, 29 January 2023 to 2 February 2023, and 8 February 2023 to 16 February 2023. A surge of blockings was found again from 23 June 2023 onwards until the end of the coverage period. On 20 June 2023, before the blockings were detected in June 2023, Raja Petra through his social media published several videos calling for the resignation of Anwar Ibrahim from the position of Prime Minister, and he alleged that Royal Malaysia Police and the government did not allow him to return to Malaysia. The Home Minister denied the latter and commented that Raja Petra should have used the proper channels of communication, instead of expressing his thoughts through social media.³²

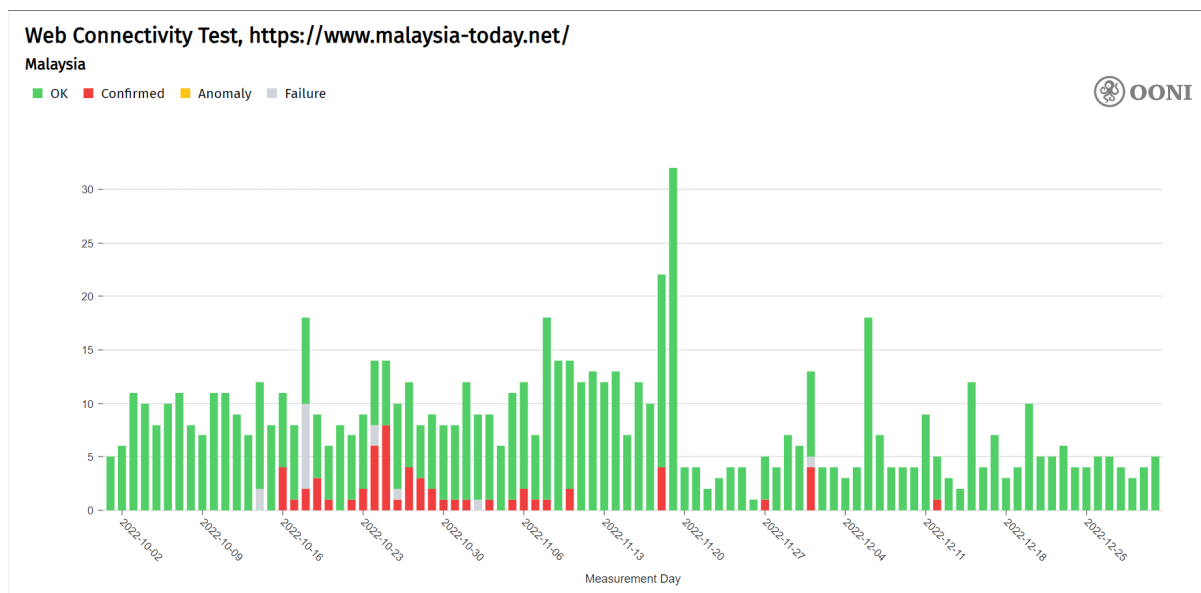


Figure 1: OONI measurements of <https://www.malaysia-today.net/> from October to December 2022

³¹ @RajaPetra. (2022, October 18). *Some telcos are blocking Malaysia Today because we are pro-government. These telcos are trying to prevent Umno-BN from winning GE15. This is sabotage and a violation of freedom of the media and freedom of opinion.* Twitter. <https://twitter.com/RajaPetra/status/158234360975125708>

³² Bernama. (2023, June 22). *Call me if you want to return home, Saifuddin Nasution tells fugitive blogger Raja Petra.* Malay Mail. <https://www.malaymail.com/news/malaysia/2023/06/22/call-me-if-you-want-to-return-home-saifuddin-nasution-tells-fugitive-blogger-raja-petra/75735>

Web Connectivity Test, <https://www.malaysia-today.net/>

Malaysia

■ OK
 ■ Confirmed
 ■ Anomaly
 ■ Failure

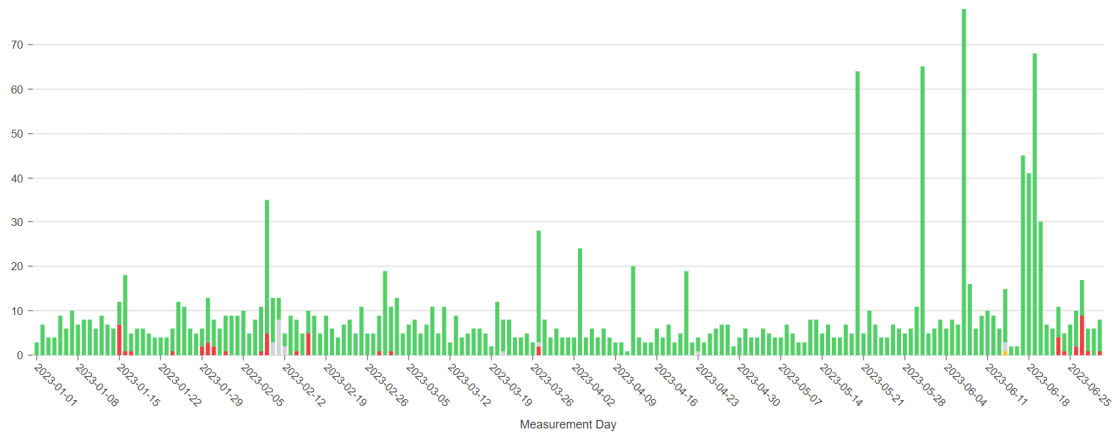


Figure 2: OONI measurements of <https://www.malaysia-today.net/> from January to June 2023

Bersih website

In the 2022 edition of the report, the official website of Bersih was found to be blocked, and this continued throughout the coverage period. The networks found to implement the blockings were U Mobile (AS38466), Time (AS9930), and Yes (AS45960).

Web Connectivity Test, <https://www.bersih.org/>

Malaysia

■ OK
 ■ Confirmed
 ■ Anomaly
 ■ Failure

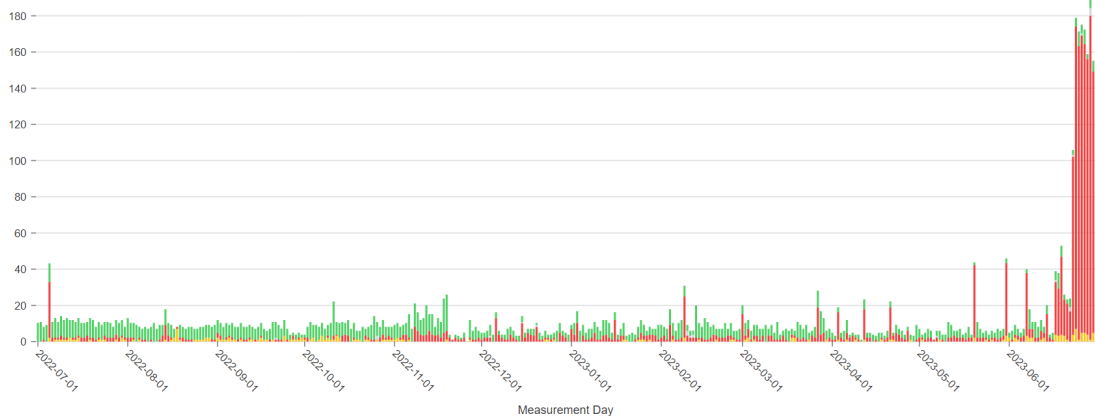


Figure 3: OONI measurements of <https://www.bersih.org/> from July 2022 to June 2023.

News Media Websites

A total of nine inputs were found to be confirmed blocked from access in Malaysia.

No.	Input	Description
1.	http://malaysianow.com	Local news site launched in September 2020. It is headed by CEO Abdar Rahman Koya.
2.	http://www.malaysianow.com	
3.	https://malaysianow.com	
4.	https://malaysianow.com/	
5.	https://www.malaysianow.com	
6.	https://www.malaysianow.com/	
7.	https://www.malaysianow.com/my	
8.	https://seapa.wordpress.com/	Inactive blog belonging to the Southeast Asian Press Alliance (SEAPA), with the latest post published on 27 November 2007. SEAPA is a non-profit organisation working on promoting and protecting press freedom in Southeast Asia.
9.	https://www.malaysia-chronicle.com/	News and commentary on local political issues.

Table 6: Inputs of news media websites found to be blocked in Malaysia.

MalaysiaNow

MalaysiaNow is a new addition to the blocked list of websites. It is perceived to be pro-PN based on its publications, but the site claims to be neutral. In several instances in the past, MalaysiaNow was the first news site to expose several alleged dealings among politicians.

The blockings were first detected on 28 June 2023 and ended after about 48 hours on 30 June 2023. The blockings were found to be implemented by Celcom (AS10030), TM(AS4788), Digi (AS4818), Maxis (AS9534), TIME (AS9930), and U Mobile (AS38466). A more detailed description of the blockings can be found at <https://imap.sinarproject.org/news/blocking-of-malaysianow-website>. After receiving public backlash, the Communications and Digital Minister Fahmi Fadzil claimed that he had not given any order whatsoever for the blocking of MalaysiaNow while indicating that the Malaysian Communications and Multimedia Commission (MCMC) has the authority to do so. As of 30 July 2023, the Malaysian Communications and Multimedia Commission (MCMC) did not respond to MalaysiaNow's query on the reason behind the blocking. According to MalaysiaNow, the blocking started on 27 June 2023.³³ Among the news articles published by MalaysiaNow in the morning of the day of blocking, one news article zoomed in on a TikTok

³³ MalaysiaNow. (2023, July 14). MCMC's deafening silence over news portal's blockage. *MalaysiaNow*. <https://www.malaysianow.com/news/2023/07/14/mcmcs-deafening-silence-over-news-portals-blockage>

session hosted by Fahmi Fadzil the day before, whereby he warned internet users to behave themselves as they were being monitored by the authorities.³⁴

LGBT+ Websites

A total of eight inputs were found to be confirmed blocked from access in Malaysia.

No.	Input	Description
1.	http://www.gay.com/	Since 2017, it redirects to https://lgbtcenter.org/ , the official website of Los Angeles LGBT Center.
2.	http://www.utopia-asia.com	Asian gay and lesbian resources and information site.
3.	http://www.utopia-asia.com/	
4.	https://www.utopia-asia.com/	
5.	https://ilga.org/	Official website of the International Lesbian, Gay, Bisexual, Trans and Intersex Association campaigning for lesbian, gay, bisexual, trans, and intersex human rights.
6.	https://justiceforsisters.wordpress.com/	Local grassroots campaign to raise public awareness about issues surrounding violence and persecution against the Mak Nyah (trans women) community in Malaysia.
7.	https://www.gaystarnews.com/	Site on gay current affairs, entertainment, business and news.
8.	https://www.planetromeo.com/	Dating site for gay, bi, and trans persons.

Table 7: Inputs of LGBT+ websites found to be blocked in Malaysia.

These websites listed above had been reported in the 2022 edition of The State of Internet Censorship report. The Justice for sisters website was found to be blocked only on 19 November 2022 on TM (AS4788). An article titled “Preliminary Analysis: LGBTphobia in Malaysia 15th General Elections (GE15)” was published on the same day. The article concerns the manifestation of anti-LGBT expression narratives during the period surrounding the 15th general elections in Malaysia.

³⁴ MalaysiaNow. (2023, June 27). ‘Kereta polis depan rumah’, kata Fahmi kepada pengkritik sewaktu sesi TikTok. <https://www.malaysianow.com/my/news/2023/06/27/kereta-polis-depan-rumah-kata-fahmi-kepada-pengkritik-sewaktu-sesi-tiktok>

Blocking of Instant Messaging Apps

There is no instance of confirmed blocking found in the measurements on WhatsApp, Facebook Messenger, Signal, or Telegram during the coverage period.

	Facebook Messenger	Signal	Telegram	Whatsapp
Total Measurements	64,099	39,154	59,683	60,393
Percentage of blocked and likely blocked	0.4%	0.4%	0.4%	0.9%

Table 8: OONI measurements on instant messaging apps in Malaysia from 1 July 2022 to 30 June 2023.

Note:

1. Failed measurements are discarded from this table.
2. As the updates on these apps are beyond OONI's control, the OONI probe may experience issues in testing due to app changes that happen from time to time. Hence, failed measurements or anomalies that were identified as false positives were discarded from the table.

Blocking of Circumvention Tools

No instance of confirmed blocking was found in the measurements of Psiphon, Tor, or Tor Snowflake during the coverage period. However, a large number of anomalies were found in the measurements for Tor and Tor Snowflake, which may be false positives as they were also noticed in a few other countries on OONI Explorer.

	Psiphon	Tor	Tor Snowflake	Vanilla Tor
Total Measurements	70,527	58,762	22,912	15,223
Percentage of blocked and likely blocked	0.4%	2.7%	35.1%	0.0%

Table 9: OONI measurements on circumvention tools in Malaysia from 1 July 2022 to 30 June 2023.

Note: Failed measurements are discarded from this table.

Acknowledgement of Limitations

- **Period of study**

This study's findings are limited to network measurements that were collected from 1 July 2022 to 30 June 2023 in order to examine the most recent censorship trends and events.

- **Vantage points**

Although the network measurements were collected from 28 vantage points in Malaysia, testing using the OONI software was not done consistently across all networks.

- **Use of input/URL as unit of measurement of websites**

In general, "URL" (or in OONI's terms – input) and "domain" are interchangeable terms used to refer to a website. In the OONI test list, full URLs are input in the probe to be tested for censorship, similar to an URL starting with "https" or "http" in a browser. The censorship can involve tampering of DNS, HTTP, or other types of censorship. Depending on the method, the blocking can either be at the URL or domain level. However when analysing results on OONI, the reader needs to note that there are differences in the numbers with respect to the specific input or domain.

In the 2022 report, domain was used as a unit of measurement of a website so as to reduce duplicates when measuring the number of websites blocked. For this 2023 report, however, input is used instead as it may give more context as to why the web page is blocked and would be categorized more accurately according to the CitizenLab test lists, which are in the format of URL. To better understand the findings on the state of censorship, percentage of blocked or likely blocked were used instead of actual counts based on OONI test results.

- **Differences in numbers with OONI data**

The findings in this report have been further processed from OONI's data whereby more confirmed blockings were obtained and false ones eliminated through additional heuristics and manual verification by iMAP researchers based on country or local context. While these heuristics will eventually be added to OONI's fingerprints, OONI will only process them for future testing.

Additionally, iMAP researchers have categorised blocked websites that were not part of the CitizenLab test lists but were tested on OONI via custom test lists.

Hence, the figures in this report may differ from the results on the OONI Explorer.

- **Testing of instant messaging apps and circumvention tools**

The instant messaging apps and circumvention tools included in this report are limited to those tested on OONI. Therefore, they may not reflect the state of censorship of apps more commonly used in these countries.

Conclusion

The data obtained during the June 2022 to July 2023 coverage period revealed that censorship remains heavily focused on pornography and gambling sites that fall within the scope of illegal and indecent content. Despite a change of government, political criticism sites and news media sites continue to experience censorship, without reasons being made known to the public on the offending content that led to the blocking of the website. The blockings of Malaysia Now and Malaysia Today by the new administration suggests a worrying trend. Without official disclosure of the reasons or contentious content that led to the blockings of these websites, it is not known whether the actions taken by MCMC were justified or proportionate.

Despite the merger of Digi Telecommunications and Celcom Axiata forming the largest telco in Malaysia, they maintain their separate brands on the market. There were instances of varied treatment of censorship from Digi and Celcom, suggesting that different personnels were in control of implementation of the blockings upon order by MCMC.

Contribute to the study

If you would like to contribute to the OONI measurements, there are several ways to get involved:

- Testing: You may test on [various platforms](#), both on Mobile (iOS and Android) and Desktop, including on the CLI on Linux platforms. The domains you test can be either randomly selected from the [Citizenlab Test Lists](#) or custom test lists specific to your needs.
- Contribute to the test lists: You can contribute to the test lists on GitHub or on [OONI](#).
- Translation: Translate the OONI Probe to your local language [here](#).
- Join the community: Participate in community discussions on the [OONI Slack channel](#).

Acknowledgements

We would like to extend our gratitude to local partners, activists, academicians, researchers, and anonymous users in Malaysia for their assistance in running the OONI Probe.

Annex I: List of confirmed blockings

There were 530 confirmed blockings based on OONI data:

Blocked Websites	Categories	ASN	Details
http://32red.com/	Gambling	38466, 9534, 4818, 45960, 9930	Link
http://5cae.com/h5/	E-commerce	4788, 9930	Link
http://adultfriendfinder.com	Online Dating	38466, 9930	Link
http://adultfriendfinder.com/	Online Dating	4788, 9930	Link
http://affinhwang-capital.com/	E-commerce	4788, 9930	Link
http://amanahrayainvest.com/	E-commerce	4788, 9930	Link
http://aseanbesttrade.com/	E-commerce	4788, 9930	Link
http://aximtrade-investment.com/	E-commerce	4788, 9930	Link
http://bcr88.net/	E-commerce	4788, 9930	Link
http://beeg.com/	Pornography	4788, 9930	Link
http://bersih.org	Human Rights Issues	9930	Link
http://bersih.org/	Human Rights Issues	9930	Link
http://breached.co	Search Engines	9930	Link
http://breached.co/	Search Engines	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
http://breached.vc/	Search Engines	9930	Link
http://capitalexbot.com/	E-commerce	4788, 9930	Link
http://easyforex.top/	E-commerce	4788, 9930	Link
http://edisisiasatmy.blogspot.com/	Political Criticism	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://feldainvest.net/	E-commerce	4788, 9930	Link
http://fmamanagementmsia.com/	E-commerce	4788	Link
http://hotgaylist.com/	Pornography	4788, 9534	Link
http://i-makmur.com/	E-commerce	4788	Link
http://icgxe.com/	E-commerce	4788, 9930	Link
http://iimalaysia.com/	E-commerce	4788, 9930	Link
http://interactivemalaysia.com	E-commerce	4788, 9930	Link
http://islamsyiah.wordpress.com	Religion	9930	Link
http://islamsyiah.wordpress.com/	Religion	38466, 9930	Link
http://jebatcrypto.com/	E-commerce	4788, 9930	Link
http://khilafah.net/	Political Criticism	4788, 9534	Link
http://kissasian.pe	Media sharing	9930	Link
http://labursahamsyariah.net/	E-commerce	4788, 9930	Link
http://lsdcr.com/	E-commerce	4788, 9930	Link
http://m.japan-whores.com	Pornography	4818	Link
http://m3pt2rich.blogspot.my	E-commerce	4788, 9930	Link

Blocked Websites	Categories	ASN	Details
http://malaysianow.com	News Media	9930	Link
http://mapletreeinvestmentofficial.com/	E-commerce	4788	Link
http://mcmc.time.net.my/	Government	4818	Link
http://miningguru.net/	E-commerce	4788	Link
http://mycrypto.trade	E-commerce	4788	Link
http://nexea-invest.com	E-commerce	4788	Link
http://pharmamurni-invest.com/	E-commerce	4788, 9930	Link
http://pornhub.com	Pornography	9534	Link
http://pp4.ltcess.com	E-commerce	4788	Link
http://rarbg.to/	File-sharing	9930	Link
http://realdirhamtrade.com/	E-commerce	4788, 9930	Link
http://steadyaku-steadyaku-hussainhamid.blogspot.my/	Political Criticism	38466, 9930	Link
http://sucrebook.com/	Online Dating	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://sugarbook.com/	Online Dating	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://thepiratebay.org	File-sharing	38466, 9930	Link
http://thepiratebay.org/	File-sharing	4788, 9930	Link
http://triumphofficial.com/	E-commerce	4788, 9930	Link
http://wahadeed.com/	E-commerce	9930	Link
http://www.4chan.org/	Social Networking	4788	Link
http://www.777research.com	E-commerce	4788	Link
http://www.888casino.com/	Gambling	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.89.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.al-kahtifahtrust.com/	E-commerce	4788	Link
http://www.alpari.org	E-commerce	4788	Link
http://www.answering-islam.org	Religion	38466	Link
http://www.asset2umalaysia.com/	E-commerce	4788	Link
http://www.asset2umalaysia.com/sijil.html	E-commerce	4788	Link
http://www.assetequitymanagement.com/	E-commerce	4788	Link
http://www.bersih.org	Political Criticism	9930	Link
http://www.betfair.com	Gambling	38466, 9930	Link
http://www.betfair.com/	Gambling	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
http://www.bigboys.academy/	E-commerce	4788	Link

Blocked Websites	Categories	ASN	Details
http://www.bigcashwallet.com/	E-commerce	4788	Link
http://www.bitx-trade.com/	E-commerce	4788, 9930	Link
http://www.btcinvestment.asia/	E-commerce	4788	Link
http://www.carnivalcasino.com/	Gambling	9534, 4818, 9930	Link
http://www.casinotropez.com/	Gambling	38466, 10030, 9534, 4818, 45960, 9930	Link
http://www.cbmberhad.com/	E-commerce	4788	Link
http://www.cdgglobal.asia/	E-commerce	4788	Link
http://www.clubdicecasino.com/	Gambling	9534, 4818, 10030, 9930	Link
http://www.depositfiles.com/	Media sharing	9534	Link
http://www.dsfx99.com/zh-cn/	E-commerce	4788	Link
http://www.europacasino.com/	Gambling	38466, 10030, 9534, 4818, 45960, 9930	Link
http://www.evainvestmentofficial.com/	E-commerce	4788	Link
http://www.felixconsulting.my	E-commerce	4788	Link
http://www.financetwitter.com/	Political Criticism	38466, 9930, 45960	Link
http://www.fininv.company.site/	E-commerce	4788	Link
http://www.gay.com/	LGBT	9534	Link
http://www.gcmasia.co	E-commerce	4788	Link
http://www.globaltrading.com/	E-commerce	4788	Link
http://www.goldenrivieracasino.com/	Gambling	38466, 10030, 9534, 4818, 45960, 9930	Link
http://www.gotgayporn.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.gowowx.com/	E-commerce	4788	Link
http://www.hizb-ut-tahrir.org	Political Criticism	38466	Link
http://www.hizb-ut-tahrir.org/	Political Criticism	38466, 10030, 4788, 4818, 9534, 23678, 45960	Link
http://www.hustler.com/	Pornography	38466, 10030, 4788, 9534, 45960, 9930	Link
http://www.hxfxglobal.com	E-commerce	4788	Link
http://www.hymasb.com	E-commerce	4788	Link
http://www.icm.com	E-commerce	4788	Link
http://www.in-vesture.com/	E-commerce	4788	Link
http://www.intergrajpz.com	E-commerce	4788	Link
http://www.interpac.site/	E-commerce	4788	Link
http://www.investgulffund.com/	E-commerce	9930	Link
http://www.investgulffund.com/Malaysia-board-of-director.html	E-commerce	9930	Link
http://www.khilafah.com	Political Criticism	9534	Link
http://www.khilafah.com/	Political Criticism	38466, 10030, 4788, 4818, 9534, 23678, 45960	Link

Blocked Websites	Categories	ASN	Details
http://www.kimstockwatch.com	E-commerce	4788, 9930	Link
http://www.lifestyletradingmasterclass.com	E-commerce	4788	Link
http://www.lindale-ventures.com/	E-commerce	4788, 9930	Link
http://www.m4markets.com/	E-commerce	4788	Link
http://www.malaysia-today.net	News Media	9534	Link
http://www.malaysianow.com	News Media	9534, 10030	Link
http://www.massive-trade.com/	E-commerce	4788, 9930	Link
http://www.moneyliferesearch.com/	E-commerce	4788	Link
http://www.myaxitrade.com/	E-commerce	4788, 9930	Link
http://www.nexea-capital.com/	E-commerce	4788	Link
http://www.octafxmy.com	E-commerce	4788	Link
http://www.patheos.com	Religion	38466	Link
http://www.playboy.com/	Pornography	9534	Link
http://www.pokerstars.com/	Gambling	4788, 4818, 9534, 10030	Link
http://www.pornhub.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.realtradercommunity.com	E-commerce	4788	Link
http://www.rise-market.com	E-commerce	4788	Link
http://www.royalwin-invest.com/home	E-commerce	4788	Link
http://www.royalwin-trade.com	E-commerce	4788	Link
http://www.s8education.com/	E-commerce	4788	Link
http://www.secondinvestment.com	E-commerce	4788	Link
http://www.sex.com	Pornography	9930	Link
http://www.sex.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.spinpalace.com/	Gambling	38466, 10030, 9534, 4818, 45960, 9930	Link
http://www.stgglobal.biz/	E-commerce	4788	Link
http://www.tfxi.com	E-commerce	4788	Link
http://www.thereligionofpeace.com/	Religion	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.trade12.com	E-commerce	4788	Link
http://www.uktradeonline.com/	E-commerce	4788	Link
http://www.utopia-asia.com	LGBT	38466, 9930	Link
http://www.utopia-asia.com/	LGBT	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.v3network.com/	E-commerce	4788, 9930	Link

Blocked Websites	Categories	ASN	Details
http://www.validus-tradeteam.asia	E-commerce	4788, 9930	Link
http://www.wetplace.com	Pornography	38466, 9930	Link
http://www.wetplace.com/	Pornography	38466, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.wfci2u.com	E-commerce	4788	Link
http://www.xm.com	E-commerce	4788	Link
http://www.xpromarkets.com/	E-commerce	4788	Link
http://www.xvideos.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
http://www.youporn.com/	Pornography	38466, 9534, 4818, 23678, 45960, 9930	Link
http://xm.traderreal.online/	E-commerce	9930	Link
https://1337x.st/	File-sharing	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://1337x.to/	File-sharing	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://360tradehub.com/	E-commerce	4788, 9930	Link
https://actionnode.com/	E-commerce	4788, 9930	Link
https://acy.com/en/	E-commerce	4788, 9930	Link
https://admiralmarkets.com/	Economics	4788, 10030, 45960, 9930	Link
https://adultfriendfinder.com/	Online Dating	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://al-salihamentari.com/	E-commerce	4788, 9930	Link
https://alexisfx.com/	E-commerce	4788, 9930	Link
https://alhamdislamic.com/	E-commerce	4788	Link
https://alhamdislamic.net/	E-commerce	4788, 9930	Link
https://amal-trust.com/	E-commerce	9930	Link
https://asia-tradefx.com/	E-commerce	4788, 9930	Link
https://assetentu.com/	E-commerce	4788	Link
https://assetentu.com/sijil.html	E-commerce	4788	Link
https://assetglobalnetwork.com/	E-commerce	4788, 9930	Link
https://assetiron.ai	E-commerce	4788, 9930	Link
https://assetiron.io	E-commerce	4788, 9930	Link
https://b4uwallet.com	E-commerce	4788, 9930	Link
https://banxa.com/	E-commerce	4788, 9930	Link
https://beeg.com/	Pornography	38466, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://bersih.org	Human Rights Issues	38466, 9930, 45960	Link
https://bersih.org/	Human Rights Issues	38466, 9930, 45960	Link

Blocked Websites	Categories	ASN	Details
https://bestasiantrade.com/	E-commerce	4788, 9930	Link
https://binary-financial-trade.com/	E-commerce	4788, 9930	Link
https://binary-financial.com/	E-commerce	4788, 9930	Link
https://binary-trade.pro	E-commerce	4788, 9930	Link
https://binarycomerce.com/	E-commerce	4788, 9930	Link
https://bit.uydgjd.com/Trade	E-commerce	4788	Link
https://bitcoin-loophole.io/	E-commerce	4788, 9930	Link
https://bitcoinaera.app/	E-commerce	4788, 9930	Link
https://bitcoinsystem.app/	E-commerce	4788, 9930	Link
https://biz-club.co/	E-commerce	4788	Link
https://bluecresteqt.com	E-commerce	4788, 9930	Link
https://bmironics.com/dashboard/login	E-commerce	4788, 9930	Link
https://boldprime.com/	E-commerce	4788	Link
https://breached.vc/	Hacking Tools	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://brilliantcapitalinvestment.com/	E-commerce	4788, 9930	Link
https://btc-usdinvestment.com/	E-commerce	4788, 9930	Link
https://btcloopholepro.com/	E-commerce	4788, 9930	Link
https://caghi.com	Search Engines	9930	Link
https://caghi.com/	Search Engines	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://cahayamaju.com/	E-commerce	4788, 9930	Link
https://capital.com/	E-commerce	4788, 9930	Link
https://capital24.online/	E-commerce	4788, 9930	Link
https://capitalbear.com/	E-commerce	4788, 9930	Link
https://cdgglobalfx.com/my/	E-commerce	4788, 9930	Link
https://comethswaplib.com/	E-commerce	4788, 9930	Link
https://crvi.cc/	E-commerce	4788, 9930	Link
https://crvii.cc/	E-commerce	4788, 9930	Link
https://crvii.com/	E-commerce	4788, 9930	Link
https://cryptocoin.ltd	E-commerce	4788, 9930	Link
https://crypto-option.trade/	E-commerce	4788, 9930	Link
https://cryptocurrencytrade.pro/	E-commerce	4788, 9930	Link
https://cryptooption.pro/	E-commerce	4788, 9930	Link
https://ddkoin.com/	E-commerce	4788, 9930	Link
https://decpcnew.shop/	E-commerce	4788, 9930	Link
https://digitalcryptoxchange.com	E-commerce	4788, 9930	Link
https://dmgmalaysia.com/	E-commerce	4788	Link

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https://dmqmalaysia.com/sijil.html	E-commerce	4788	Link
https://dog.money/	E-commerce	4788	Link
https://dpplatinum.com/	E-commerce	4788, 9930	Link
https://earlybillionairewarriors.com/	E-commerce	4788, 9930	Link
https://easyforexofficial.com/	E-commerce	9930	Link
https://edisisiasatmy.blogspot.com/	Political Criticism	4788, 23678	Link
https://enterwota.com/	E-commerce	4788	Link
https://eparadise.app/	E-commerce	4788, 9930	Link
https://eurotrade2u.online	E-commerce	4788, 9930	Link
https://exnesstrading.net/	E-commerce	4788, 9930	Link
https://expertooption.com/	E-commerce	4788	Link
https://extrader-malaysia.com/	E-commerce	4788, 9930	Link
https://extremegolden.com/	E-commerce	4788, 9930	Link
https://eztv.ag/	File-sharing	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://eztv.re/	File-sharing	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://fastrading.com	E-commerce	4788	Link
https://fbs-trader.asia/	E-commerce	4788, 9930	Link
https://fbs.com/	E-commerce	4788	Link
https://fb Smy.com/	E-commerce	4788	Link
https://fcc-asia.com	E-commerce	4788	Link
https://financial-binary.com/	E-commerce	4788, 9930	Link
https://fincorpltd.com	E-commerce	4788	Link
https://fivehours.ltd/	E-commerce	4788, 9930	Link
https://flex-coin.com/	E-commerce	4788, 9930	Link
https://forsage.io/t/ntmfqg/	E-commerce	4788, 9930	Link
https://fundamarkets.com/web/	E-commerce	4788	Link
https://gaavip.com/	E-commerce	4788	Link
https://gagmalaysia.com/	E-commerce	4788, 9930	Link
https://gibank.online/	E-commerce	4788, 9930	Link
https://giga-max.online/	E-commerce	4788	Link
https://global-binance.com/	E-commerce	4788	Link
https://global-markets.asia/	E-commerce	4788, 9930	Link
https://global-you-trade.com/	E-commerce	4788, 9930	Link
https://globalbinance.pro	E-commerce	4788, 9930	Link
https://globalbinanceoption.ltd	E-commerce	4788, 9930	Link
https://globalinvestmentnetwork.net/	E-commerce	4788, 9930	Link

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https://globalpro-finance.com/	E-commerce	4788, 9930	Link
https://globalpro-investment.com/	E-commerce	4788, 9930	Link
https://gmiedge.com/	E-commerce	4788, 9930	Link
https://goldhijab.com/	E-commerce	4788, 9930	Link
https://gowefi.com/	E-commerce	4788, 9930	Link
https://hairulcapital.com/	E-commerce	4788, 9930	Link
https://hap2py.com/	E-commerce	4788	Link
https://hasbriquecapitale.com/	E-commerce	4788, 9930	Link
https://herzen-int.com/	E-commerce	4788, 9930	Link
https://hextraprime.com/	E-commerce	4788	Link
https://holdingsprofit.com/	E-commerce	4788, 9930	Link
https://hotforex-trade.com/	E-commerce	4788, 9930	Link
https://hsbforex.pro/	E-commerce	4788	Link
https://hsbforex.trade/	E-commerce	4788, 9930	Link
https://hymbs.com.my/	E-commerce	4788, 9930	Link
https://ilga.org/	LGBT	9534	Link
https://impianafinancegroup.com/	E-commerce	4788	Link
https://insta-crypto.pro/	E-commerce	4788, 9930	Link
https://interactivebrokers-invest.com/	E-commerce	4788, 9930	Link
https://intraderkor.com/	E-commerce	4788, 9930	Link
https://intraderkor.pro/	E-commerce	4788, 9930	Link
https://inv-trade.my.id/	E-commerce	4788	Link
https://invest-kripto.com/	E-commerce	4788, 9930	Link
https://investradeglobal.my/	E-commerce	4788, 9930	Link
https://investtipster.com/	E-commerce	4788, 9930	Link
https://iqoption.my/	E-commerce	4788, 9930	Link
https://iqoptionmsia.com/	E-commerce	4788, 9930	Link
https://islamsyiah.wordpress.com/	Religion	38466, 10030, 4788, 9534, 45960, 9930	Link
https://jaya-capital.com/	E-commerce	4788, 9930	Link
https://jazeera-isalami.com	E-commerce	4788, 9930	Link
https://jflenong-investment.com/	E-commerce	4788, 9930	Link
https://jtrustinvestment.com/	E-commerce	4788, 9930	Link
https://just2trade.online/	E-commerce	4788, 9930	Link
https://justiceforsisters.wordpress.com/	LGBT	4788	Link
https://kapitalejaya.co/	E-commerce	4788, 9930	Link
https://kapitalejaya.com/	E-commerce	9930	Link
https://katcr.to/	File-sharing	38466, 4788, 9534, 10030	Link

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https://kickasstorrents.to/	File-sharing	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://kimstockwatch.net/	E-commerce	4788	Link
https://kucoinv.icu/	E-commerce	4788	Link
https://litecointrading.net	E-commerce	4788, 9930	Link
https://lucahmelayu.club/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960	Link
https://madinahmining.com/	E-commerce	4788, 9930	Link
https://main.coopermarkets.com/	E-commerce	4788, 9930	Link
https://malaypornhub.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://malaysia-today.net	News Media	4818	Link
https://malaysia-today.net/	News Media	4788, 9534	Link
https://malaysia.pionex.com/	E-commerce	4788, 9930	Link
https://malaysianow.com	News Media	9534, 4818, 10030	Link
https://malaysianow.com/	News Media	38466, 4788, 9534, 9930	Link
https://marketsyariah.com/	E-commerce	4788, 9930	Link
https://maxcdn.bootstrapcdn.com	Hosting and Blogging Platforms	9930	Link
https://maxcdn.bootstrapcdn.com/	Hosting and Blogging Platforms	38466, 10030, 4788, 4818, 9534, 23678, 9930	Link
https://maybankpelaburansyariah.com/	E-commerce	4788, 9930	Link
https://mbbo.vip/	E-commerce	4788, 9930	Link
https://mbbo.vip/https://mppc.vip/	E-commerce	4788, 9930	Link
https://mbbx.net/	E-commerce	4788, 9930	Link
https://mfmbroker.com/	E-commerce	4788, 9930	Link
https://mirrortradinginternational.com/	E-commerce	4788	Link
https://monyetistana.com/	Political Criticism	38466, 10030, 4788, 4818, 9534, 23678, 45960	Link
https://ms.nordfx.com/	E-commerce	4788, 9930	Link
https://mstradefbs.com/	E-commerce	4788, 9930	Link
https://muhibahyatu.com/	E-commerce	4788, 9930	Link
https://nettradeglobal.com/	E-commerce	4788, 9930	Link
https://nordfx.com/	E-commerce	4788, 9930	Link
https://nordfxasia.com/	E-commerce	4788, 9930	Link
https://occupystreams.org/	Political Criticism	4788, 9534, 9930	Link
https://octafxtrading.net/	E-commerce	4788, 9930	Link
https://official.olymptrade-my.com/	E-commerce	4788, 9930	Link

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https://olymptrade.com/	E-commerce	9930	Link
https://onestockcentre.com/	E-commerce	4788	Link
https://optional-trading.net/	E-commerce	4788, 9930	Link
https://orientcapitalmanagement.com/index.html	E-commerce	4788	Link
https://p-ibadah.com/	E-commerce	4788, 9930	Link
https://paxful.com/	E-commerce	4788, 9930	Link
https://pelaburan-fbs.com/	E-commerce	4788, 9930	Link
https://pelaburan-fbs.pro	E-commerce	4788, 9930	Link
https://pelaburan-xm.net/	E-commerce	4788	Link
https://pelaburan-xm.net/#	E-commerce	4788	Link
https://pmbinvests.com/	E-commerce	4788, 9930	Link
https://pocketoption.com/en/	E-commerce	4788, 9930	Link
https://polyfill.io	Hosting and Blogging Platforms	9534	Link
https://polyfill.io/	Hosting and Blogging Platforms	10030, 4788, 4818, 9534, 23678	Link
https://pornhub.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 9930	Link
https://pp3.ltcess.com/	E-commerce	4788	Link
https://pp9.ltcess.com	E-commerce	4788	Link
https://privateplacement.com.my/	E-commerce	4788, 9930	Link
https://prixomarkets.com/	E-commerce	4788	Link
https://psm-trade.com/	E-commerce	4788, 9930	Link
https://quan-tic.com/	E-commerce	4788, 9930	Link
https://quanticventure.com/	E-commerce	4788, 9930	Link
https://qubittechreviews.com/	E-commerce	4788, 9930	Link
https://quotex-mastertrade.com	E-commerce	4788, 9930	Link
https://quotex.io/en/?lid=14010	E-commerce	4788, 9930	Link
https://rargb.to/	File-sharing	38466, 4788, 9534, 10030	Link
https://remitano.asia/	E-commerce	4788, 9930	Link
https://remitano.com/btc/my	E-commerce	4788	Link
https://remitano.net/btc/au	E-commerce	4788	Link
https://remitano.today/btc/au	E-commerce	4788	Link
https://remitano.world/btc/au	E-commerce	4788	Link
https://richmoreapps.business.site/	E-commerce	4788	Link
https://richmoreapps.business.site/#summary	E-commerce	4788	Link
https://rimauswap.finance/	E-commerce	4788, 9930	Link
https://rubymarkets.com/	E-commerce	4788	Link
https://saham-profit.com/	E-commerce	4788, 9930	Link

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https://saidila.com/	Culture	38466, 4788, 10030	Link
https://sayakenahack.com/	Search Engines	38466, 9930	Link
https://sdsfinacial.com/	E-commerce	4788, 9930	Link
https://seapa.wordpress.com/	News Media	4788	Link
https://secure.preferredtrusts.com/	E-commerce	4788, 9930	Link
https://simplex.com/	E-commerce	4788	Link
https://skywardasset.com/	E-commerce	4788, 9930	Link
https://smart-forex.asia/	E-commerce	4788, 9930	Link
https://smart-traders.in/	E-commerce	4788, 9930	Link
https://smartblendremit.com/	E-commerce	4788, 9930	Link
https://spdbo.com/	E-commerce	4788, 9930	Link
https://spdbo1.com/	E-commerce	4788	Link
https://steadyaku47.com/home/	Political Criticism	38466, 10030, 4788, 4818, 9534, 23678, 45960, 38322, 9930	Link
https://subscene.com/	Culture	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://sucrebook.com	Online Dating	4818	Link
https://sucrebook.com/	Online Dating	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://sugarbook.com/	Online Dating	4788, 4818	Link
https://tfxi.sc/	E-commerce	4788	Link
https://thecrypto-globaltrade.com/	E-commerce	4788, 9930	Link
https://thepiratebay.org/	File-sharing	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://thepiratebay.se	File-sharing	38466, 9930	Link
https://tiffa-ms.com/	E-commerce	4788	Link
https://tiffa.com/	E-commerce	4788	Link
https://topfx.com.sc/my	E-commerce	4788	Link
https://tradefills.com/	E-commerce	4788	Link
https://tradesto.com/	E-commerce	4788	Link
https://tradeviewcapital.com/	E-commerce	4788	Link
https://tse1.explicit.bing.net/robots.txt	Search Engines	9930	Link
https://turbobit.net/	Hosting and Blogging Platforms	38466, 9534, 9930	Link
https://uifc.com/en/	E-commerce	4788	Link
https://utamarket.co/	E-commerce	4788	Link
https://vegas.williamhill.com/	Gambling	4788, 4818, 9534	Link
https://vextrader.com	E-commerce	4788	Link
https://vintagefutureasia.com/	E-commerce	4788	Link

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https://vitae.co/	E-commerce	4788	Link
https://wangharian.com/	E-commerce	4788	Link
https://web.coopermarkets.com/	E-commerce	4788, 9930	Link
https://without-capital.my.id/	E-commerce	4788	Link
https://wotagroup.com/	E-commerce	4788	Link
https://www.1day1pip.com/odop.aspx	E-commerce	4788	Link
https://www.4chan.org/	Social Networking	38466, 10030, 4788, 4818, 45960	Link
https://www.777trades.com	E-commerce	4788	Link
https://www.888casino.com/	Gambling	4788, 4818, 9534, 9930	Link
https://www.9997717.com/en/	E-commerce	4788	Link
https://www.aberdn.net/	E-commerce	4788	Link
https://www.alfazza-ventures.com	E-commerce	4788	Link
https://www.alpari.org/	Economics	4788, 9534	Link
https://www.amega.finance/	E-commerce	4788	Link
https://www.angelfire.com/emo/daanwar/	Terrorism and Militants	9534	Link
https://www.answering-islam.org/	Religion	38466, 10030, 4788, 4818, 9534, 23678, 45960	Link
https://www.asifx.co/	E-commerce	4788	Link
https://www.assets-harvest.com/	E-commerce	4788, 9930	Link
https://www.astro-forex.com/	E-commerce	4788	Link
https://www.atfx.com/	E-commerce	4788	Link
https://www.avant-markets.com/	E-commerce	4788	Link
https://www.avatrade.com.my/	E-commerce	4788	Link
https://www.awesome-trader.com/	E-commerce	4788, 9930	Link
https://www.b4uglobal.com/	E-commerce	4788	Link
https://www.bersih.org	Political Criticism	38466, 9930, 45960	Link
https://www.bersih.org/	Political Criticism	38466, 9930, 45960	Link
https://www.besttradeasia.com/	E-commerce	4788	Link
https://www.betasia.com/	Gambling	4818	Link
https://www.binance.com/	E-commerce	4788, 4818, 9534	Link
https://www.binance.com/en	E-commerce	4788	Link
https://www.binary-commerce.com/	E-commerce	4788	Link
https://www.bitforex.com/	E-commerce	4788	Link
https://www.bitseven.com/	E-commerce	4788	Link
https://www.bravoporn.com/	Pornography	38466, 10030, 4788, 4818, 45960, 9930	Link

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https://www.bravotube.net/	Pornography	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://www.btloanfinance.com/	E-commerce	4788	Link
https://www.bybit.com/en-US/	E-commerce	4788	Link
https://www.casino.com/	Gambling	38466, 10030, 9534, 4818, 45960, 9930	Link
https://www.cxmdirect.com/	E-commerce	4788	Link
https://www.cyber-futures.com/	E-commerce	4788	Link
https://www.dandanzan.com/	Media sharing	10030, 4788, 4818, 9534, 45960	Link
https://www.dinardirham.com/	E-commerce	4788	Link
https://www.dollarsmarkets.com/	E-commerce	4788	Link
https://www.easymarkets.com/au/en-my/	E-commerce	4788	Link
https://www.eisenguard.co/	E-commerce	4788	Link
https://www.epa.gov/	Government	4788, 4818, 9930	Link
https://www.equinoxmarkets.com/	E-commerce	4788	Link
https://www.etfinance.eu/	E-commerce	4788	Link
https://www.eth-trades.com/	E-commerce	4788	Link
https://www.europacasino.com/	Gambling	9534, 4818, 9930	Link
https://www.extradermalaysia.com	E-commerce	4788	Link
https://www.faizalraihan.com/	E-commerce	4788	Link
https://www.fanfiction.net/	Culture	38466, 10030, 4788, 4818, 9534, 23678, 45960	Link
https://www.fbs-malaysia.com/	E-commerce	4788	Link
https://www.forbestrading.com/	E-commerce	4788	Link
https://www.forexoptimum.com/	E-commerce	4788	Link
https://www.fpmarkets.com/int/	E-commerce	4788	Link
https://www.fullertonmarkets.com/	E-commerce	9930	Link
https://www.fxcm.com/my/	E-commerce	4788	Link
https://www.fxprimus.com/int/	E-commerce	4788	Link
https://www.gambling.com/	Gambling	4788, 4818, 9534	Link
https://www.gaystarnews.com/	LGBT	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://www.gcmasia.com/my//	E-commerce	4788	Link
https://www.gold-mastertrade.com/	E-commerce	4788	Link
https://www.holdings-trading.com/	E-commerce	4788, 9930	Link
https://www.hsbinvestasi-trader.com/index.html	E-commerce	4788	Link

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https://www.infinox.bs/my/	E-commerce	4788	Link
https://www.intergrafin.com	E-commerce	4788	Link
https://www.investby.com	E-commerce	4788	Link
https://www.itiger.com	E-commerce	4788	Link
https://www.jihadwatch.org/	Political Criticism	9534	Link
https://www.junomarkets.com/en/	E-commerce	4788	Link
https://www.kucoin.com/	Economics	38466, 4788, 4818, 9534	Link
https://www.lcm4u.com/	E-commerce	4788	Link
https://www.levelgridespeculationmanagement.com/	E-commerce	4788	Link
https://www.limetorrents.lol/	File-sharing	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://www.litefinance.com/	E-commerce	4788	Link
https://www.literotica.com/	Culture	4788, 9534	Link
https://www.lmj-mastertrade.com/	E-commerce	4788	Link
https://www.lushstories.com/	Culture	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://www.malayporn.space/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://www.malaysia-chronicle.com/	News Media	9930	Link
https://www.malaysia-today.net/	Political Criticism	38466, 4788, 4818, 9534	Link
https://www.malaysia-today.net//	News Media	38466, 4788, 4818, 9534	Link
https://www.malaysianow.com	News Media	4788, 4818, 9534	Link
https://www.malaysianow.com/	News Media	4788, 4818, 9534, 10030	Link
https://www.malaysianow.com/my	News Media	4788	Link
https://www.mayforex.net/	E-commerce	4788	Link
https://www.mexc.com/	E-commerce	4788	Link
https://www.mfmsecurities.com/	E-commerce	4788	Link
https://www.millerinvestment.co/cryptocurrency	E-commerce	4788	Link
https://www.mitrade.com/	E-commerce	4788	Link
https://www.myadvantagetrader.com	E-commerce	9930	Link
https://www.neurobank.trade/odop.aspx	E-commerce	4788	Link
https://www.octafx.com.my/	E-commerce	4788	Link
https://www.olympusmarkets.com/	E-commerce	4788	Link

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https://www.onlinegambling.com/	Gambling	4788, 4818, 9534	Link
https://www.patheos.com/	Religion	38466, 9534, 10030, 45960	Link
https://www.pelaburansahamonline.com/	E-commerce	4788	Link
https://www.pibexa.com/	E-commerce	4788	Link
https://www.planetromeo.com/	LGBT	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://www.pornhub.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://www.pornrex.com/	Pornography	38466, 10030, 4788, 4818, 9534, 45960, 9930	Link
https://www.puprime.com/	E-commerce	4788	Link
https://www.rarbg.to/	File-sharing	38466, 4788, 4818, 9534	Link
https://www.ray1987.com/	E-commerce	4788	Link
https://www.rubymarkets.net/	E-commerce	4788	Link
https://www.sagecapitalresearch.com/	E-commerce	4788	Link
https://www.samkoin.com	E-commerce	4788	Link
https://www.saracenmarkets.com/	E-commerce	4788	Link
https://www.singular-fund.com/	E-commerce	4788	Link
https://www.smart-saham.com/	E-commerce	4788	Link
https://www.snndii.com/	E-commerce	4788	Link
https://www.spacex-trade.com/	E-commerce	4788	Link
https://www.starttrader.com/	E-commerce	4788	Link
https://www.suncofund.com/	E-commerce	4788	Link
https://www.surewin365.net/	Gambling	4788, 4818, 9534	Link
https://www.tdameritrade.com/home.page	E-commerce	4788	Link
https://www.tfxi2.com/en	E-commerce	4788	Link
https://www.thecrypto-publictrade.com/	E-commerce	4788	Link
https://www.thereligionofpeace.com/	Religion	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://www.tickmill.com/ms	E-commerce	4788	Link
https://www.tigerbrokers.com.sg/	E-commerce	4788	Link
https://www.tipsaggregator.com/	E-commerce	4788	Link
https://www.tmgm.com	E-commerce	4788	Link
https://www.top1markets.com/	E-commerce	4788	Link
https://www.topnotchfx.net/	E-commerce	4788	Link
https://www.trade-x.hk/	E-commerce	4788	Link

Blocked Websites	Categories	ASN	Details
https://www.tradehall.co/	E-commerce	4788	Link
https://www.tradersway.com/	E-commerce	4788	Link
https://www.udax.pro/	E-commerce	4788	Link
https://www.utamarket.com/	E-commerce	4788	Link
https://www.utopia-asia.com/	LGBT	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://www.vantagemarkets.com/	E-commerce	4788, 9930	Link
https://www.venza.my/	E-commerce	4788	Link
https://www.vidxpert.io/web/index.html	E-commerce	4788	Link
https://www.vitaetoken.io/	E-commerce	4788	Link
https://www.wetradefx.com/	E-commerce	4788	Link
https://www.xmfxbroker.com/	E-commerce	4788	Link
https://www.xmglobal.com/	E-commerce	4788	Link
https://www.xtrade.com/	E-commerce	4788	Link
https://www.yunikonfx.com/	E-commerce	4788	Link
https://www.zenfinex.com/	E-commerce	4788	Link
https://www.zeromarkets.com/	E-commerce	4788	Link
https://www.zfx.com/ms/	E-commerce	4788	Link
https://www3.myasiantv.cc/	Media sharing	9534	Link
https://x1337x.eu/	File-sharing	10030, 4788, 4818, 9534, 45960	Link
https://xhamster.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://xm-tradingforex.com/	E-commerce	4788	Link
https://xm-tradingfx.com/	E-commerce	4788	Link
https://xmalay.com/	Pornography	38466, 10030, 4788, 4818, 9534, 23678, 45960, 9930	Link
https://xmforexmalaysia.co/	E-commerce	4788	Link
https://xxa192.cc/	E-commerce	4788	Link
https://ypp11.co/trade	E-commerce	4788	Link
https://yts.mx/	File-sharing	38466, 10030, 4788, 4818, 9534, 45960	Link

Annex II: List of ISPs

ASN	Internet Service Provider	Measurement Count
4788	TM Net, Internet Service Provider	2,680,350
4818	DiGi Telecommunications Sdn. Bhd.	618,230
9009	M247 Europe SRL	19
9534	Binariang Berhad/Maxis Broadband	2,200,538
9930	TIME DOTCOM BERHAD	29,175
10030	Celcom Internet Service Provider	22,641
16276	OVH SAS	100
17971	TM-VADS Datacenter Management	46
21859	Zenlayer Inc	14,159
23678	MyKRIS Asia Sdn Bhd	10,740
24090	Universiti Sains Malaysia	110,663
36351	SoftLayer Technologies Inc.	17
38278	V Telecoms Berhad - Metro Ethernet LL and Internet Service Provider, Malaysia	300
38322	Packet One Networks Sdn Bhd, Internet Services Provider	309
38466	U Mobile Sdn Bhd	47,684
45410	ALLO TECHNOLOGY SDN. BHD.	2,135
45839	PIRADIUS NET	637
45960	YTL COMMUNICATIONS SDN BHD	22,641
55720	Gigabit Hosting Sdn Bhd	10,582
56140	ModernOne Data Solutions Sdn. Bhd.	599
56231	MEASAT Broadcast Network Systems	7
132531	M East Sdn Bhd	19
132688	University of Malaya	736
132882	Ohana Communications Sdn Bhd	100
133014	Universiti Teknologi Malaysia	3
133164	Viewqwest Digital Sdn. Bhd.	82
133169	Universiti Malaysia Perlis	167
135496	Universiti Kebangsaan Malaysia	77

Annex III: Glossary

DNS	<p>DNS stands for “Domain Name System” and it maps domain names to IP addresses.</p> <p>A domain is a name that is commonly attributed to websites (when they’re created). It allows websites to be more easily accessed and remembered. For example, twitter.com is the domain of the Twitter website.</p> <p>However, computers can’t connect to internet services through domain names. They do so through IP addresses: the digital address of each service on the internet. Similarly, in the physical world, you would need the address of a house (rather than the name of the house itself) in order to visit it.</p> <p>The Domain Name System (DNS) is responsible for transforming a human-readable domain name (such as ooni.org) into its numerical IP address counterpart (in this case:104.198.14.52), thus allowing your computer to access the intended website.</p>
HTTP	<p>The Hypertext Transfer Protocol (HTTP) is the underlying protocol used by the World Wide Web to transfer or exchange data across the internet.</p> <p>The HTTP protocol allows communication between a client and a server. It does so by handling a client’s request to connect to a server, and the server’s response to the client’s request.</p> <p>All websites include an HTTP (or HTTPS) prefix (such as http://example.com/) so that your computer (the client) can request and receive the content of a website (hosted on a server).</p> <p>The transmission of data over the HTTP protocol is unencrypted.</p>
Heuristics	<p>Heuristics obtain further confirmed blockings other than that which are detected based on OONI blocking fingerprints. More detailed explanation is found here.</p>
ISP	<p>An Internet Service Provider (ISP) is an organisation that provides services for accessing and using the internet.</p> <p>ISPs can be state-owned, commercial, community-owned, non-profit, or otherwise privately owned.</p> <p>Vodafone, AT&T, Airtel, and MTN are examples of ISPs.</p>
Middle boxes	<p>A middlebox is a computer networking device that transforms, inspects, filters, or otherwise manipulates traffic for purposes other than packet forwarding.</p>

	<p>Many Internet Service Providers (ISPs) around the world use middleboxes to improve network performance, to provide users with faster access to websites, and for a number of other networking purposes.</p> <p>Middleboxes are sometimes used to implement internet censorship and/or surveillance.</p> <p>The OONI Probe app includes two tests designed to measure networks with the aim of identifying the presence of middleboxes.</p>
TCP	<p>The Transmission Control Protocol (TCP) is one of the main protocols on the internet.</p> <p>To connect to a website, your computer needs to establish a TCP connection to the address of that website.</p> <p>TCP works on top of the Internet Protocol (IP), which defines how to address computers on the internet.</p> <p>When speaking to a machine over the TCP protocol you use an IP and port pair, which looks something like this: 10.20.1.1:8080.</p> <p>The main difference between TCP and (another very popular protocol called) UDP is that TCP has the notion of a “connection”, making it a reliable transport protocol.</p>
TLS	<p>Transport Layer Security (TLS) – also referred to as SSL – is a cryptographic protocol that allows you to maintain a secure, encrypted connection between your computer and an internet service.</p> <p>When you connect to a website through TLS, the address of the website will begin with HTTPS (such as https://www.facebook.com/), instead of HTTP.</p>

A comprehensive glossary related to OONI can be accessed here: <https://ooni.org/support/glossary/>.

Annex IV: Methodology

Data

Data computed based on the heuristics for this report can be downloaded here: <https://github.com/Sinar/imap-data>, whereas aggregated data can be downloaded from [OONI Explorer](#).

Coverage

The iMAP State of Internet Censorship Country Report covers the findings of network measurement collected through the Open Observatory of Network Interference (OONI) [OONI Probe App](#) that measures the blocking of websites, instant messaging apps, circumvention tools and network tampering. The findings highlight the websites, instant messaging apps, and circumvention tools confirmed to be blocked, as well as ASNs with censorship detected and the methods of network interference applied. The report also provides background context on the network landscape combined with the latest legal, social and political issues and events which might have an effect on the implementation of internet censorship in the country.

In terms of timeline, this iMAP report covers measurements obtained in the one-year period from 1 July 2022 to 30 June 2023. The countries covered in this round are Cambodia, Hong Kong (China), India, Indonesia, Malaysia, Myanmar, Philippines, Thailand, Timor-Leste and Vietnam.

How are the network measurements gathered?

Network measurements are gathered through the use of the [OONI Probe app](#), a free software tool developed by the [Open Observatory of Network Interference \(OONI\)](#). To learn more about how the OONI Probe test works, please visit <https://ooni.org/nettest/>.

iMAP Country Researchers and anonymous volunteers run the OONI Probe app to examine the accessibility of websites included in the [Citizen Lab test lists](#). iMAP Country Researchers actively review the country-specific test lists to ensure up-to-date websites are included and context-relevant websites are properly categorised, in consultation with local communities and digital rights network partners. We adopt the [approach taken by Netalitica](#) in reviewing country-specific test lists.

It is important to note that the findings are only applicable to the websites that were examined and do not fully reflect all instances of censorship that might have occurred during the testing period.

How are the network measurements analysed?

OONI processes the following types of data through its [data pipeline](#):

Country code

By default, OONI collects the code corresponding to the country from which the user is running OONI Probe tests from. It does so by automatically searching for it based on the user's IP address through their [ASN database](#) and the [MaxMind GeolIP database](#).

Autonomous System Number (ASN)

By default, OONI collects the Autonomous System Number (ASN) of the network used to run the OONI Probe app, thereby revealing the network provider of a user.

Date and time of measurements

By default, OONI collects the time and date of when tests were run in order to determine when network interferences occur and to allow for comparison across time. The time and date data uses UTC as the standard time zone. In addition, the charts generated on OONI MAT exclude measurements on the last day by default.

Categories

The 32 website categories are based on the Citizenlab test lists: <https://github.com/citizenlab/test-lists>. As not all websites tested on OONI are on these test lists, some websites would have unclassified categories.

No.	Category Description	Code	Description
1	Alcohol & Drugs	ALDR	Sites devoted to the use, paraphernalia, and sale of drugs and alcohol irrespective of the local legality.
2	Religion	REL	Sites devoted to discussion of religious issues, both supportive and critical, as well as discussion of minority religious groups.
3	Pornography	PORN	Hard-core and soft-core pornography.
4	Provocative Attire	PROV	Websites which show provocative attire and portray women in a sexual manner, wearing minimal clothing.
5	Political Criticism	POLR	Content that offers critical political viewpoints. Includes critical authors and bloggers, as well as oppositional political organisations. Includes pro-democracy content, anti-corruption content as well as content calling for changes in leadership, governance issues, legal reform. Etc.

No.	Category Description	Code	Description
6	Human Rights Issues	HUMR	Sites dedicated to discussing human rights issues in various forms, including women's rights and rights of minority ethnic groups.
7	Environment	ENV	Pollution, international environmental treaties, deforestation, environmental justice, disasters, etc.
8	Terrorism and Militants	MILX	Sites promoting terrorism, violent militant or separatist movements.
9	Hate Speech	HATE	Content that disparages particular groups or persons based on race, sex, sexuality or other characteristics
10	News Media	NEWS	This category includes major news outlets (BBC, CNN, etc.) as well as regional news outlets and independent media.
11	Sex Education	XED	Includes contraception, abstinence, STDs, healthy sexuality, teen pregnancy, rape prevention, abortion, sexual rights, and sexual health services.
12	Public Health	PUBH	HIV, SARS, bird flu, centres for disease control, World Health Organization, etc.
13	Gambling	GMB	Online gambling sites. Includes casino games, sports betting, etc.
14	Anonymization and circumvention tools	ANON	Sites that provide tools used for anonymization, circumvention, proxy-services, and encryption.
15	Online Dating	DATE	Online dating services which can be used to meet people, post profiles, chat, etc.
16	Social Networking	GRP	Social networking tools and platforms.
17	LGBT	LGBT	A range of gay-lesbian-bisexual-transgender queer issues (excluding pornography).
18	File-sharing	FILE	Sites and tools used to share files, including cloud-based file storage, torrents, and P2P file-sharing tools.
19	Hacking Tools	HACK	Sites dedicated to computer security, including news and tools. This includes malicious and non-malicious content.

No.	Category Description	Code	Description
20	Communication Tools	COMT	Sites and tools for individual and group communications. This includes webmail, VoIP, instant messaging, chat, and mobile messaging applications.
21	Media sharing	MMED	Video, audio, or photo sharing platforms.
22	Hosting and Blogging Platforms	HOST	Web hosting services, blogging, and other online publishing platforms.
23	Search Engines	SRCH	Search engines and portals.
24	Gaming	GAME	Online games and gaming platforms, excluding gambling sites.
25	Culture	CULTR	Content relating to entertainment, history, literature, music, film, books, satire, and humour.
26	Economics	ECON	General economic development and poverty related topics, agencies, and funding opportunities.
27	Government	GOVT	Government-run websites, including military sites.
28	E-commerce	COMM	Websites of commercial services and products.
29	Control content	CTRL	Benign or innocuous content used as a control.
30	Intergovernmental Organisations	IGO	Websites of intergovernmental organisations such as the United Nations.
31	Miscellaneous content	MISC	Sites that don't fit in any category (XXX Things in here should be categorised).

IP addresses and other information

OONI does not collect or store users' IP addresses deliberately. To protect its users from [potential risks](#), OONI takes measures to remove IP addresses from the collected measurements. However, there may be instances where users' IP addresses and other potentially personally-identifiable information are unintentionally collected, if such information is included in the HTTP headers or other metadata of measurements. For example, this can occur if the tested websites include tracking technologies or custom content based on a user's network location.

Network measurements

The types of network measurements that OONI collects depend on the types of tests that are run. Specifications about each OONI test can be viewed through its [git repository](#), and details about what collected network measurements entail can be viewed through [OOONI Explorer](#) or through [OOONI's measurement API](#).

In order to derive meaning from the measurements collected, OONI processes the data types mentioned above to answer the following questions:

- Which types of OONI tests were run?
- In which countries were those tests run?
- On which networks were those tests run?
- When were the tests run?
- What types of network interference occurred?
- In which countries did network interference occur?
- In which networks did network interference occur?
- When did network interference occur?
- How did network interference occur?

To answer such questions, OONI's pipeline is designed to answer such questions by processing network measurements data to enable the following:

- Attributing measurements to a specific country.
- Attributing measurements to a specific network within a country.
- Distinguishing measurements based on the specific tests that were run for their collection.
- Distinguishing between "normal" and "anomalous" measurements (the latter indicating that a form of network tampering is likely present).
- Identifying the type of network interference based on a set of heuristics for DNS tampering, TCP/IP blocking, and HTTP blocking.
- Identifying block pages based on a set of heuristics for HTTP blocking.
- Identifying the presence of "middle boxes" within tested networks.

According to OONI, false positives may occur within the processed data due to a number of reasons. DNS resolvers (operated by Google or a local ISP) often provide users with IP addresses that are closest to them geographically. While this may appear to be a case of DNS tampering, it is actually done with the intention of providing users with faster access to websites. Similarly, false positives may emerge when tested websites serve different content depending on the country that the user is connecting from or when websites return failures even though they are not tampered with.

Furthermore, measurements indicating HTTP or TCP/IP blocking might actually be due to temporary HTTP or TCP/IP failures; they may not conclusively be a sign of network interference. It is therefore important to test the same sets of websites across time and to cross-correlate data before reaching a conclusion on whether websites are in fact being blocked.








Since block pages differ from country to country and sometimes even from network to network, it is quite challenging to accurately identify them. OONI uses a series of heuristics to try to guess if the page in question differs from the expected control, but these heuristics can often result in false positives. For this reason, OONI only confirms an instance of blocking when a block page is detected.

Upon the collection of more network measurements, OONI continues to develop its data analysis heuristics, based on which it attempts to accurately identify censorship events.

Confirmed blocked OONI measurements were based on fingerprints recorded here <https://github.com/ooni/blocking-fingerprints>. These fingerprints are based on either DNS or HTTP blocking. The fingerprints recorded as confirmed blockings are either those implemented nationally or by ISPs.

Hence, the heuristics below were run on raw measurements for all countries under iMAP to further confirm blockings.

Firstly, IP addresses with more than 10 domains were identified. Then, each IP address was checked for the following:

Does the IP in question point to a government blockpage?				
Yes	No, page timed out or shows Content Delivery Network (CDN) page.			
				
Confirmed blocking	What information can we get about the IP by doing a whois lookup?			
	Government or Local ISP*	CDN / Private IP		
				
	Confirmed blocking	Do we get a valid TLS certificate for one of the domains in question when doing a TLS handshake and specifying the SNI		
		Yes	No, there were blocking fingerprints found.	No, timed out
				
	False positive	Confirmed blocking	Sampled measurement is analyzed on OONI Explorer.	

*Note: In the case of India, there was [evidence](#) of popular websites hosting their site on the ISPs network for quicker loading times as the ISPs sometimes offer such edge networking services, hence websites redirected to local websites are only marked as 'Potentially Blocked'.

When blocking is determined, any domain redirected to these IP addresses will be marked as “dns.confirmed”.

Secondly, HTTP titles and bodies were analysed to determine blockpages. This [example](#) shows that the HTTP returns the text “The URL has been blocked as per the instructions of the DoT in compliance to the orders of Court of Law”. Any domain redirected to these HTTP titles and bodies would be marked as “http.confirmed”. As a result, false positives are eliminated and more confirmed blockings are obtained.

In the 2022 report, only confirmed blockings based on OONI or new fingerprints were reported. For this round of reporting in 2023, we further identified confirmed blockings by verifying blockings shown in news reports with OONI measurements. This is because there were blockings that could not be identified using the DNS or HTTP fingerprints. Typically, these websites were redirected to an unknown or bogon IP address, or they had other unknown errors that were ambiguous as to whether they were true or false positives of censorship. Hence, based on the news reports where the blocked websites were cited, confirmed blockings were further found by comparing available measurements on OONI. For this study, we marked them as confirmed blockings if there were more than 30 measurements and an anomaly rate of more than 1% throughout the one-year period of study. In addition, we manually checked the OONI measurements by cross-checking across networks, countries, and time periods.