

# Mechanisms and Schemes of deletion of Child Abuse Materials

Chairman, Internet Contents Association

Vice Chair & Executive Director

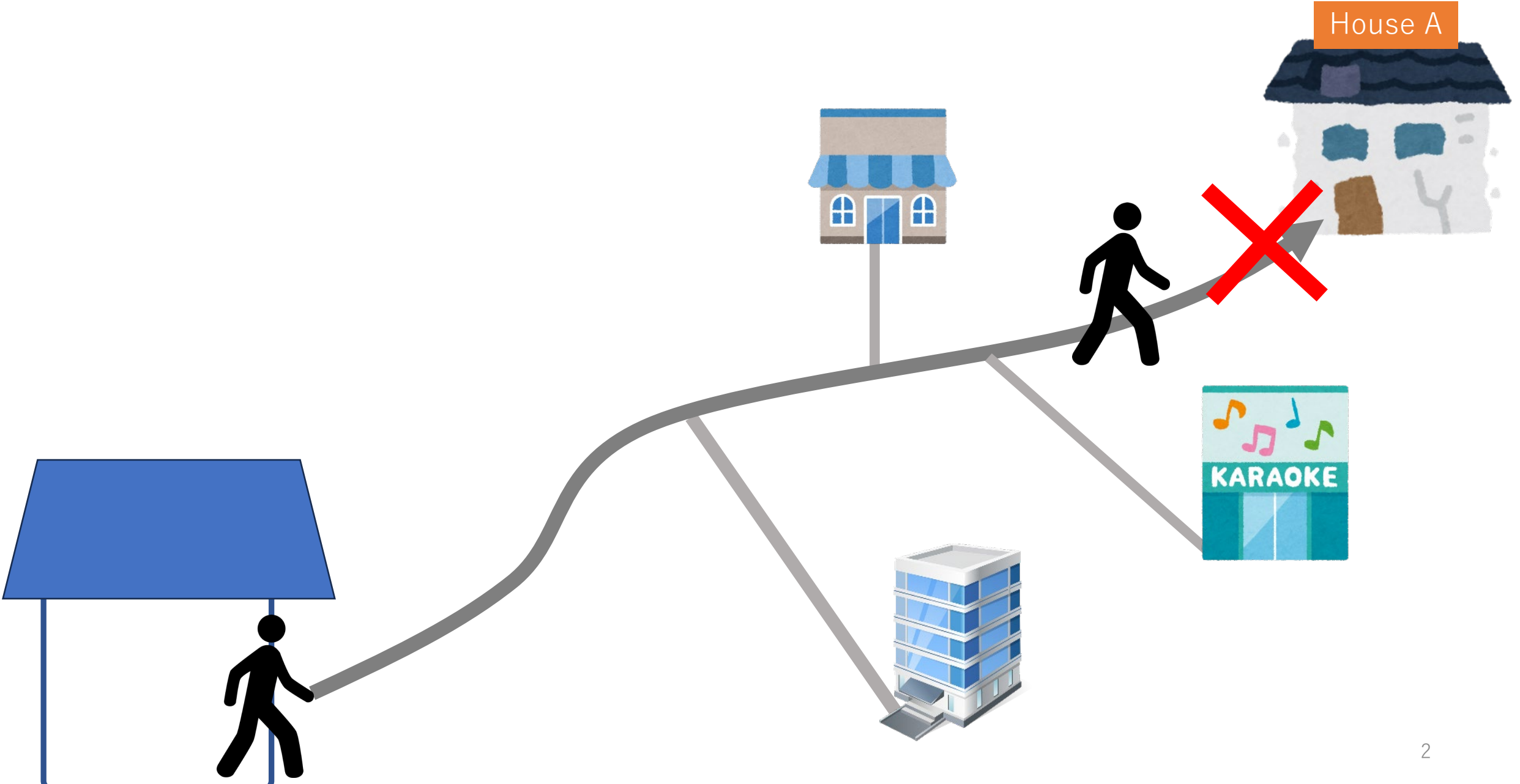
Japan Internet Providers Association

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**Toshiaki Tateishi**

# Image of Blocking

House A



# Normal Web site access and DNS activity (overview)

## ISP Network

DNS Server (in the ISP)

③ DNS server replies with the IP address of the server in question  
ex. `www.example.com=10.1.1.1`

② Request the IP address of the corresponding server from the DNS server  
This case is `www.example.com`.

① Input the URL  
ex. `http://www.example.com/abc.html`

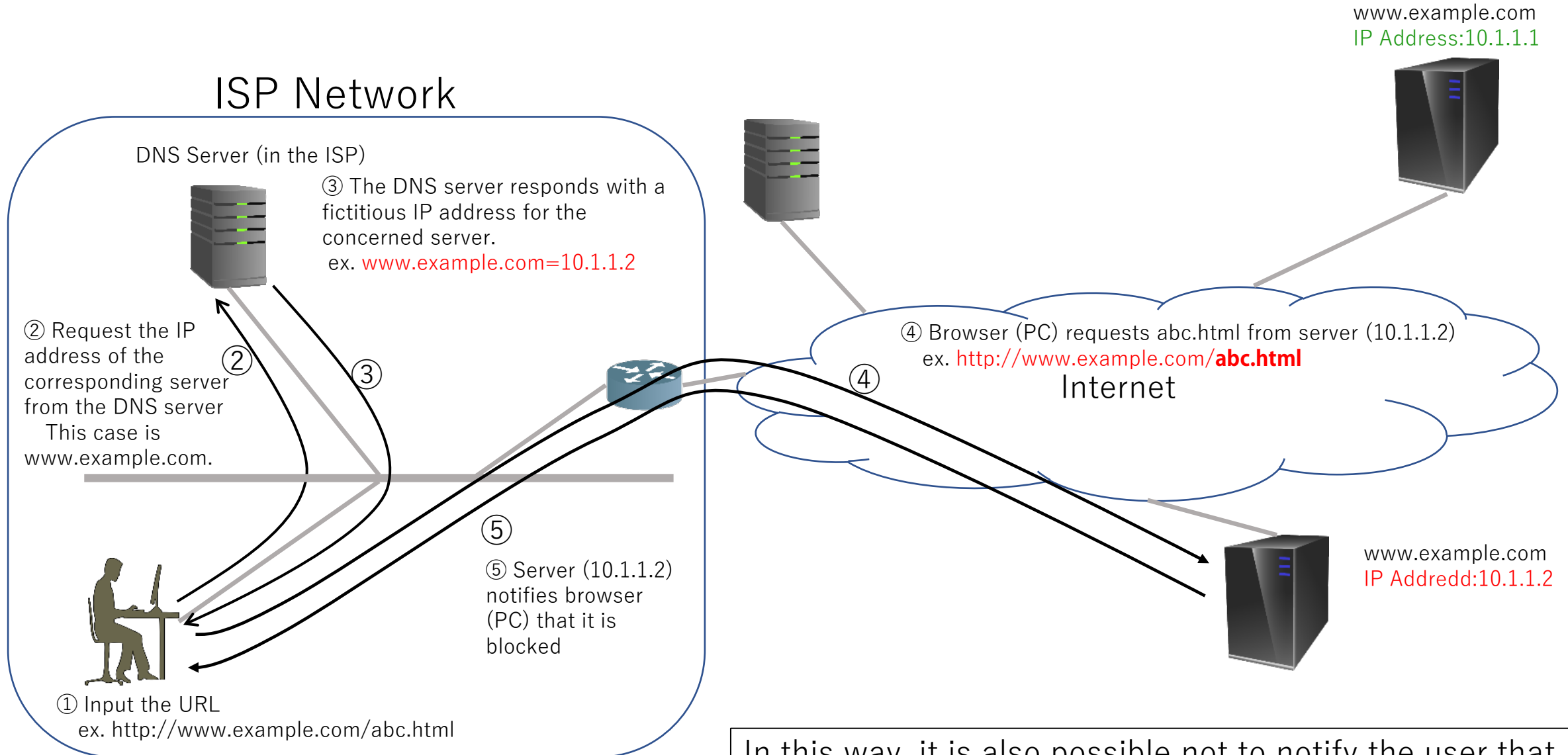
⑤ Server (10.1.1.1) sends `abc.html` to browser (PC)

④ Browser (PC) requests `abc.html` from server (10.1.1.1)  
ex. `http://www.example.com/abc.html`

`www.example.com`  
IP address: `10.1.1.1`

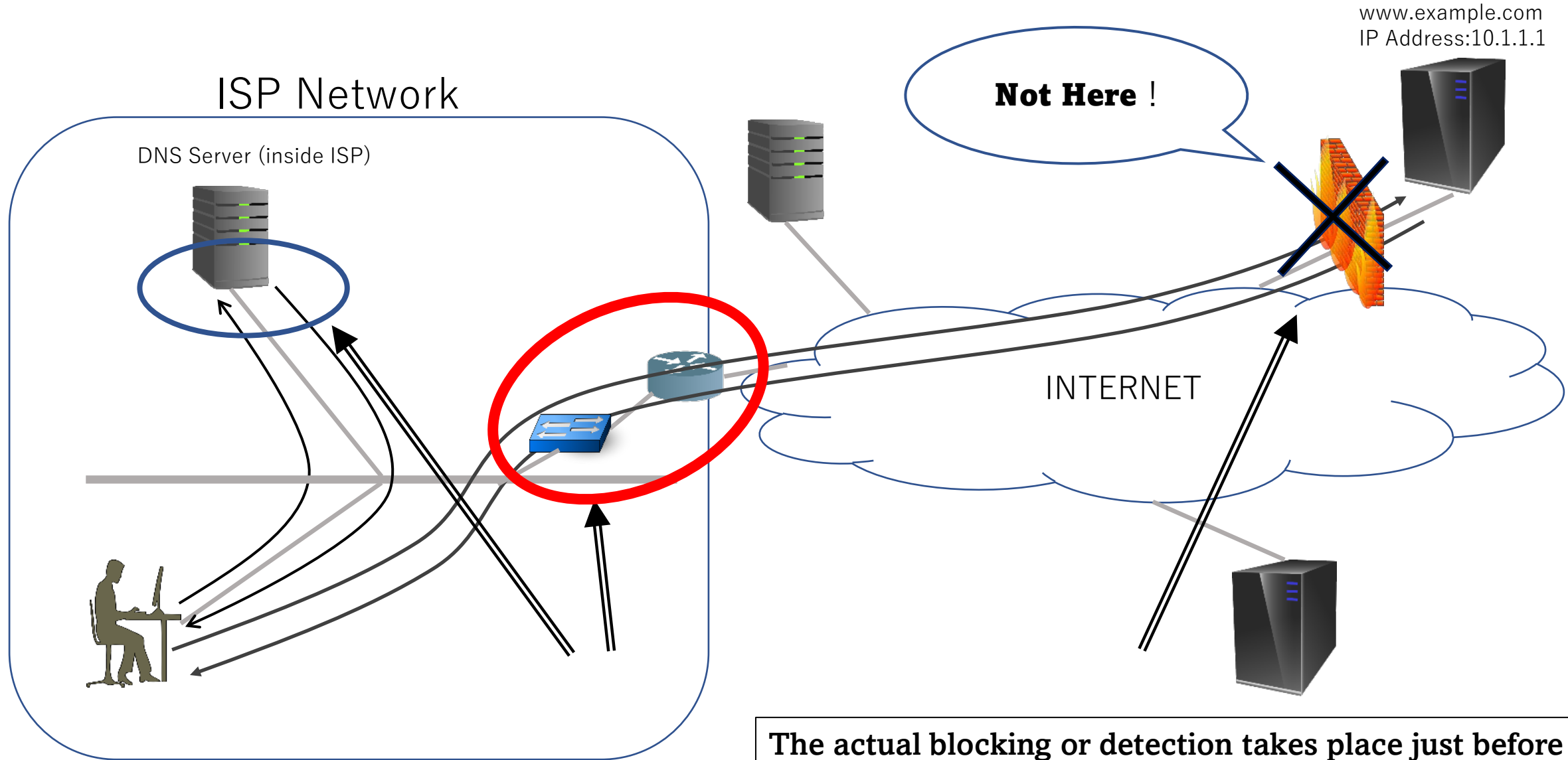
Internet

# DNS Blocking (overview)



In this way, it is also possible not to notify the user that access is blocked, or not even to return a fake IP address.

# DNS Blocked



The actual blocking or detection takes place just before the user, not in the vicinity of the Server.

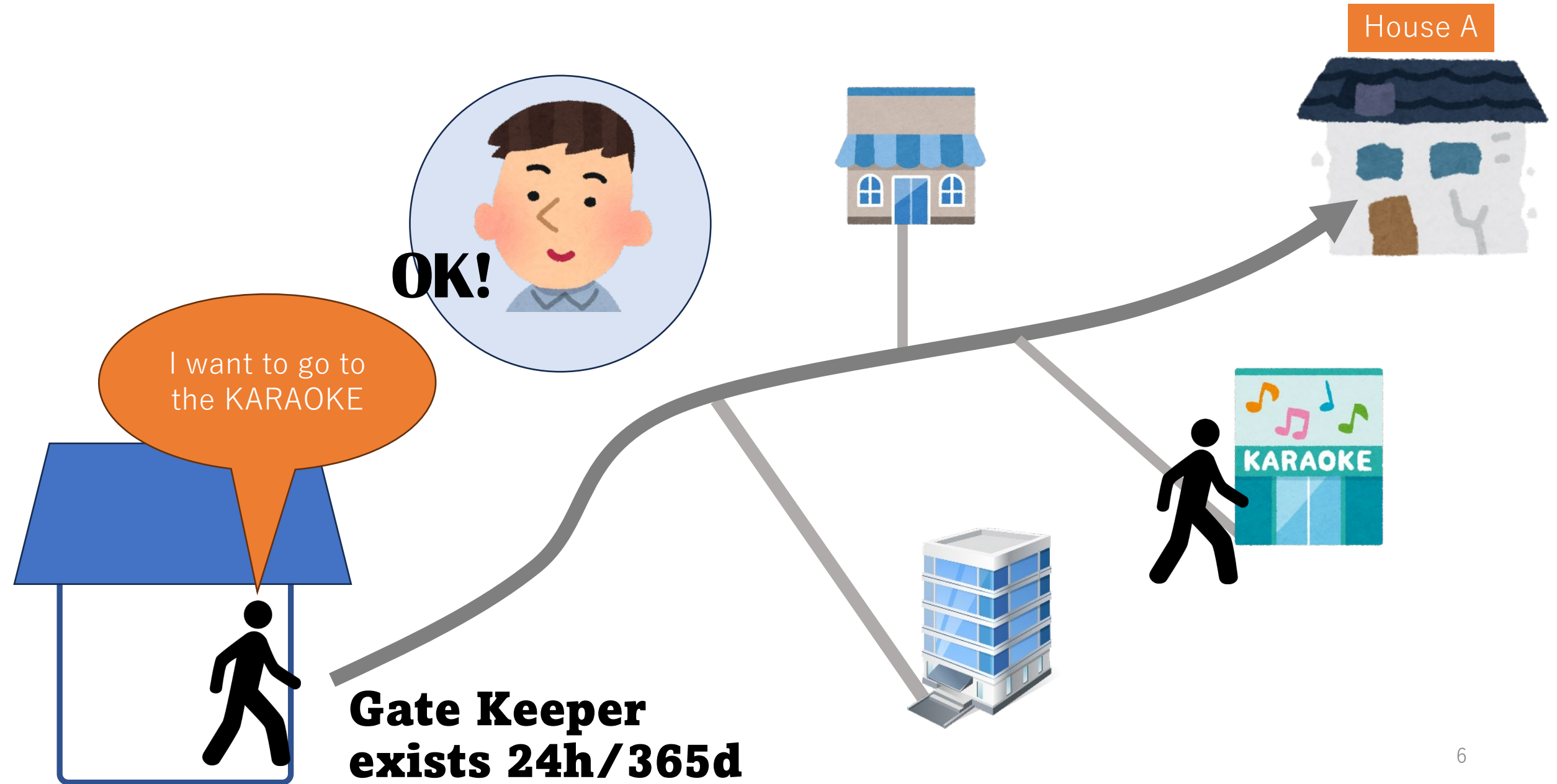
# No Blocking(example)

House A

OK!

I want to go to the KARAOKE

**Gate Keeper  
exists 24h/365d**



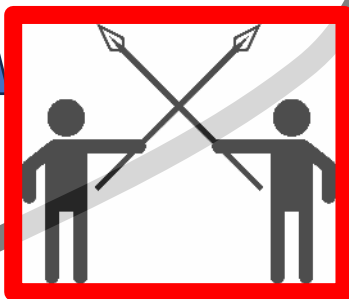
# Blocking(example)

**NO!**



Gate keeper exists 24h/365Days

I want to go to the House A



House A



# If we block in Japan...

Then, users outside Japan can access but Japanese can not.





# Blocking schemes as a measure against the sites (Japan)

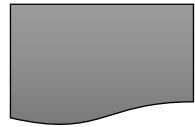
STARTED 21<sup>st</sup>, Apr. 2011

Internet Hotline Center  
(IHC)

Internet Contents Safety Association  
(ICSA)

Existence, investigation, and determination of content

Create a list of addresses of sites that post child abuse materials.



Collect Information

Report

List



Users

ISP

Internet

Warning screen appears when attempting to access a site containing child porn materials.

Automatic

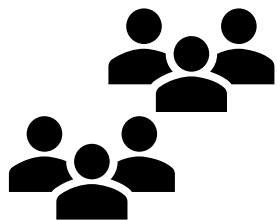
Retrieve the list weekly

Update the DNS  
->warning msg.

Ok

Ordinary site

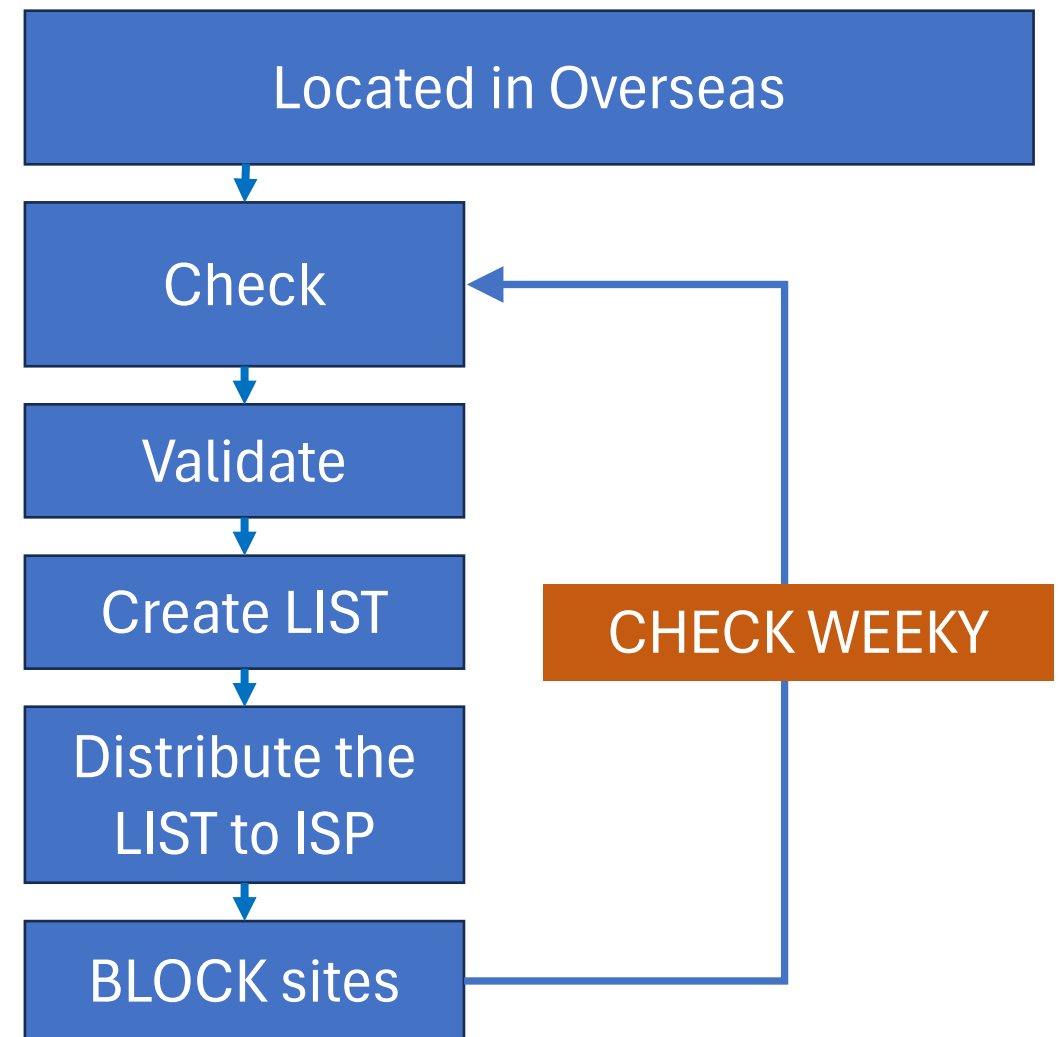
Listed Site



Report



# Management of the LIST of Child Abuse Materials



NATIONAL / SOCIAL ISSUES

# Expert sees Japan's high level of digital rights offset by public disinclined to curb Big Brother

BY ERIC JOHNSTON

STAFF WRITER

**OSAKA** – Japan ranks among the most free and open countries in the world in terms of digital rights and Internet access.

Yet an increasing number of people, including a United Nations official, have recently warned that this high degree of technological freedom to disseminate one's opinions and views is offset by growing concerns over official and unofficial restrictions on freedom of expression and fears that the Japanese public may not be inclined to aggressively defend such freedom.

In fact, the lack of eagerness on the part of citizens to defend their rights could give the government leeway to control more of their electronic communications in the name of cybersecurity, according to one expert.

When David Kaye, the U.N. special rapporteur on the right to freedom of opinion and expression, wrapped up his Japan visit last month, he concluded that government policies like the state secrets act put pressure on individual journalists who are critical of the administration. He also said the country's notorious press club system is a threat to freedom of expression.

At the same time, however, Kaye praised Japan in the area of digital rights.

“(Japan) has a high level of Internet penetration, and the government does not engage in content restrictions. The very low level of interference with digital

MAY 6, 2016

ARTICLE HISTORY

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KEYWORDS

INTERNET, CONSTITUTION, CYBERSECURITY, FREEDOM OF EXPRESSION, DAVID KAYE

SOCIAL ISSUES

● Poll finds 60% of

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- > Japan's 15-year-olds struggle with life satisfaction, OECD survey finds
- > North Korea marks late founder's birthday with video depicting massive nuclear strike on U.S.
- > Language barriers at Japanese medical institutions put foreign patients at risk: expert
- > 'Vagina artist' Megumi Igarashi continues her battle with Japan's definition of obscenity
- > Clock ticks for women in Japan seeking love at work
- > Trump mulls military options for North Korea. They're all grim.
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# Japan: UN rights expert warns of serious threats to the independence of the press

The Japan Times



U.N. Special Rapporteur David Kaye speaks at a news conference at the Foreign Correspondents' Club of Japan in Tokyo.  
U.N. rapporteur on freedom of expression slams Japan's 'press club' system, government pressure

TOKYO / GENEVA (19 April 2016) – The United Nations Special Rapporteur on the right to freedom of opinion and expression, David Kaye, on Tuesday called upon the Japanese Government to take urgent steps to protect the independence of the media and promote the public's right of access to information.

“Japan has well-earned pride in a Constitution that expressly protects the freedom of the press. Yet the independence of the press is facing serious threats,” said Kaye after a week-long visit to the country.

“I want to emphasize as well how important **a model Japan presents in the area of freedom on the Internet,**” Kaye added. **“The very low level of Government interference with digital freedoms illustrates the Government’s commitment to freedom of expression. As the Government considers legislation related to wiretaps and new approaches to cybersecurity, I hope that this spirit of freedom, communication security and innovation online is kept at the forefront of regulatory efforts.”**