# *IPv6/IPv6 Only - Experience Sharing*

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- *Speakers :*

  - *Geoff Huston - Chief Scientist, APNIC*

  - *Taiiji Kimura, Senior Expert, JPNIC*

  - *Oanh Nguyen - Deputy Director, VNNIC*

  - *Hui-Kai Su - Professor, National Formosa University*

# Reference

- *https://ipv6now.twnic.tw/ipv6/index.html*

- *IPv6 Measurement Map : https://stats.labs.apnic.net/ipv6/*

- *IPv6 Day : https://en.wikipedia.org/wiki/ World_IPv6_Day_and_World_IPv6_Launch_Day*

- *IP Version 6 Addressing Architecture : https://datatracker.ietf.org/doc/ html/rfc2373*

# *Introduction*

## IP Version 6 Addressing Architecture

Status of this Memo

   This document specifies an Internet standards track protocol for the
   Internet community, and requests discussion and suggestions for
   improvements.  Please refer to the current edition of the "Internet
   Official Protocol Standards" (STD 1) for the standardization state
   and status of this protocol.  Distribution of this memo is unlimited.

Abstract

   This specification defines the addressing architecture of the IP
   Version 6 protocol [IPV6].  The document includes the IPv6 addressing
   model, text representations of IPv6 addresses, definition of IPv6
   unicast addresses, anycast addresses, and multicast addresses, and an
   IPv6 node's required addresses.

World IPv6 Day was announced on January 12, 2011 with five anchoring companies: [Facebook](), [Google](), [Yahoo](), [Akamai Technologies](), and [Limelight Networks](). Then, there were more than 400 participants in the original World IPv6 Day. including some of the most heavily accessed destinations on the Internet, [content distribution networks](),[2] as well as various Internet service and infrastructure providers including: [Comcast](), [Google](), [Yahoo](), [Facebook](), [Yandex](),[11] [YouTube](), [Akamai Technologies](), [Limelight Networks](), [Microsoft](), [Vonage](), [AOL](), [Mapquest](), [T-Online](), [Cisco](), [Juniper Networks](), [Huawei](), the [US Department of Commerce](), [MasterCard](), the [BBC](), and [Telmex]().



World IPv6 Launch Day
June 6, 2012

# IPv6 Development in Taiwan and Vietnam

| | | | | |
|---|---|---|---|---|
| VN | Vietnam, South-Eastern Asia, Asia | 60.02% | 51.44% | 11,139,750 |
| TW | Taiwan, Eastern Asia, Asia | 59.43% | 46.76% | 5,382,678 |

**2025-04-21** ── 台灣全球排名：16名 (IPv6比例: 59.74%)

Data derived from APNIC by measuring mean value of IPv6 Capable over the last 7 days.
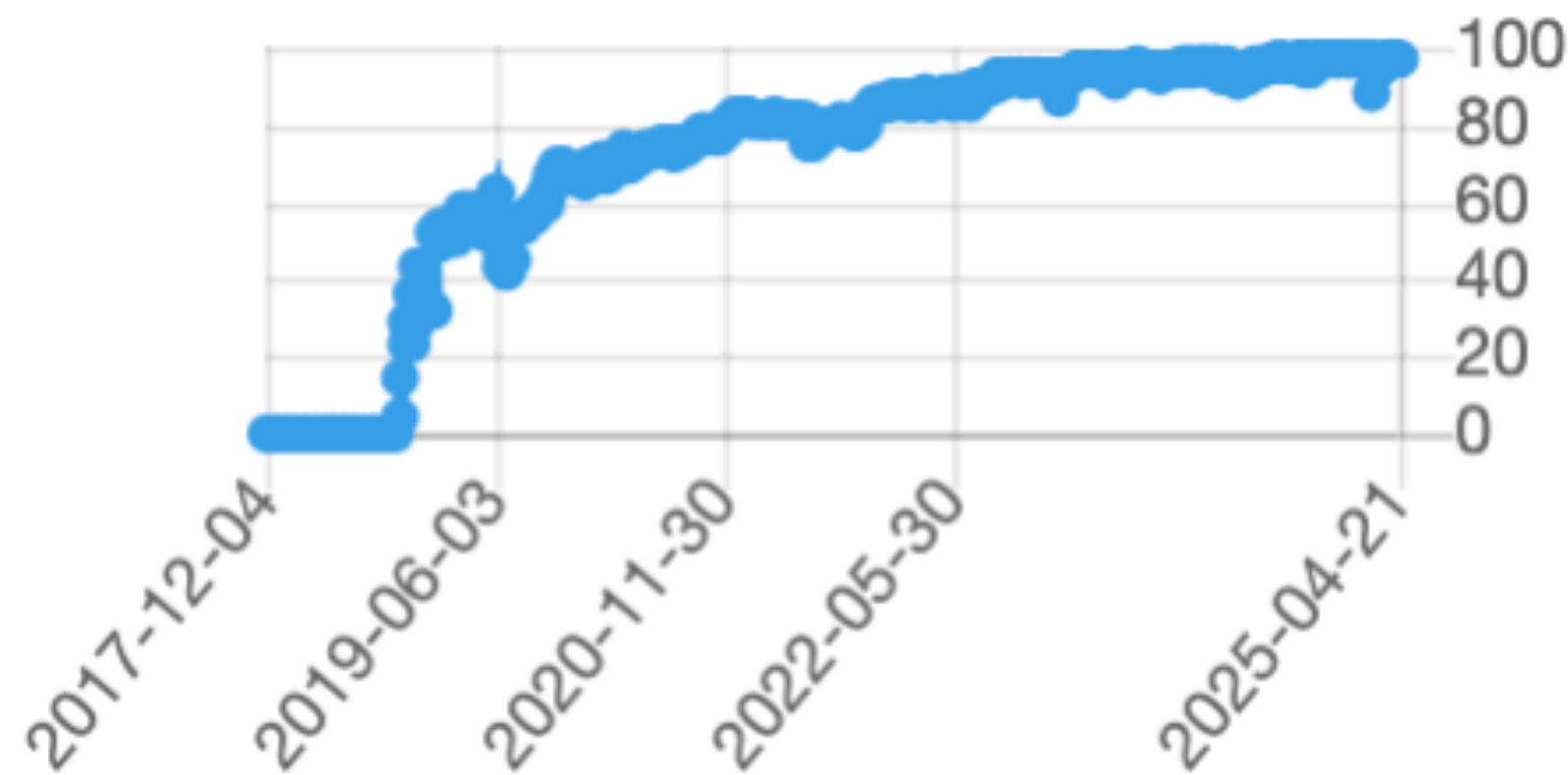
**Top 30 List**

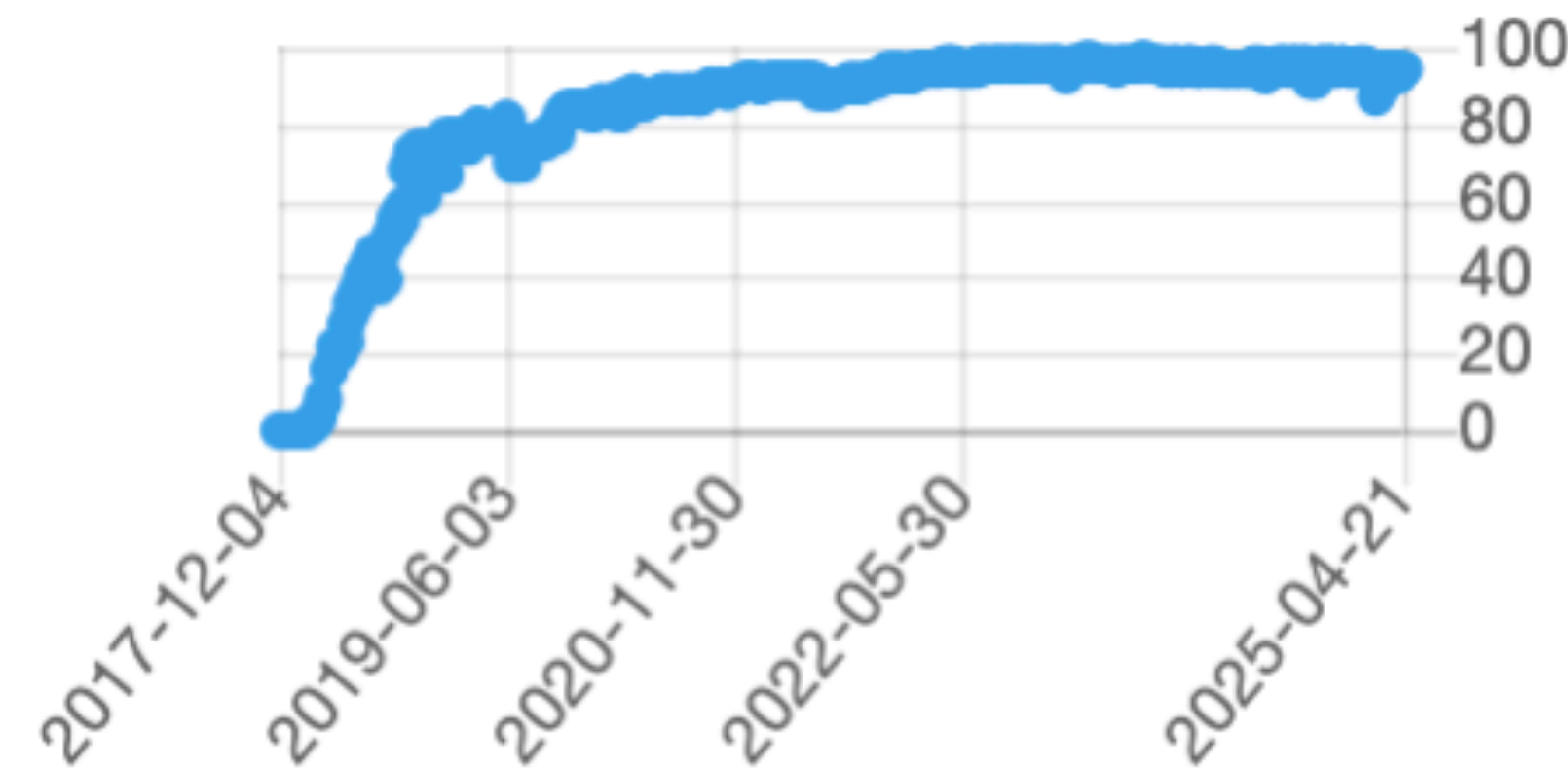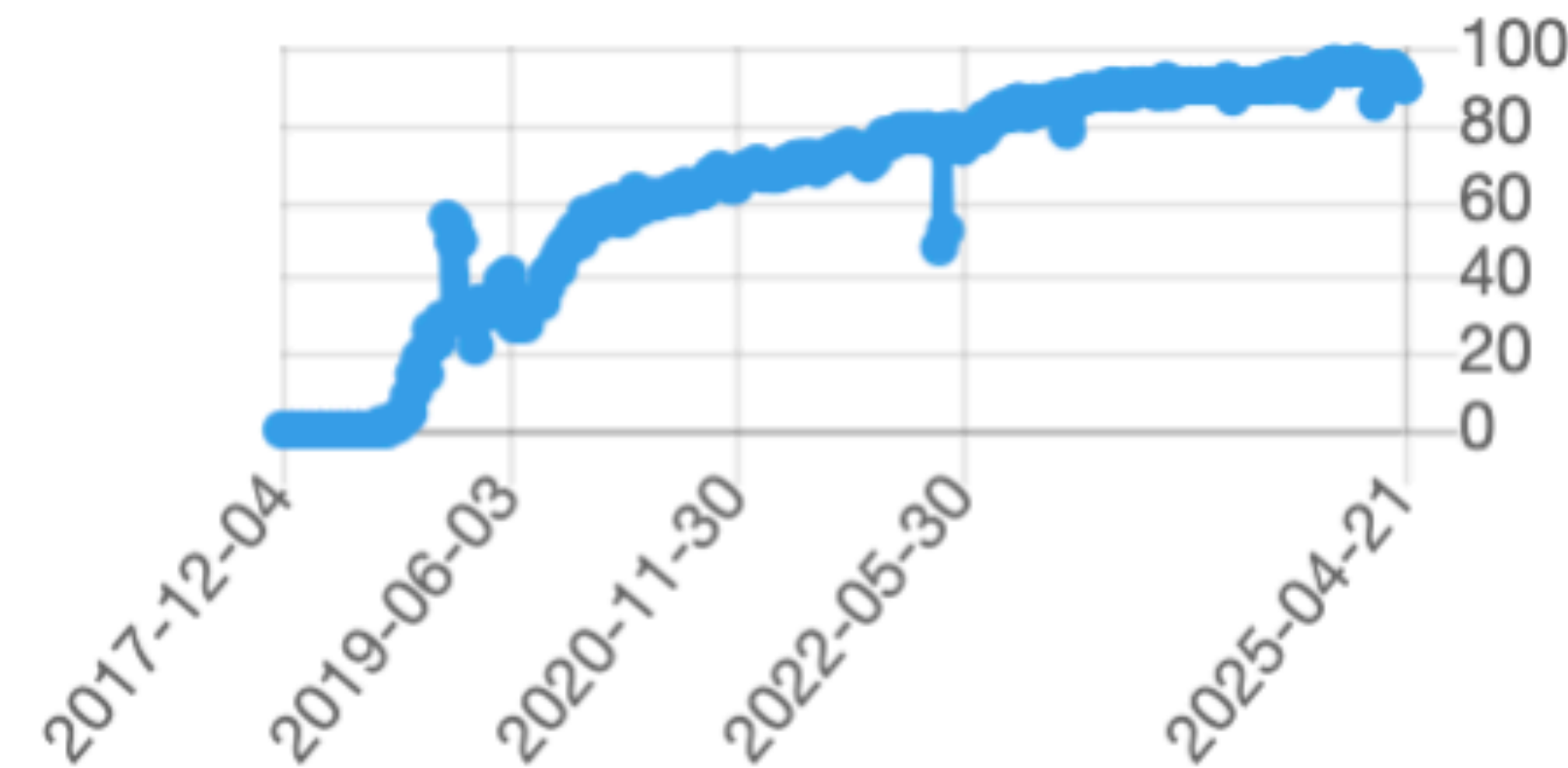資料顯示週期：○ 月 ◉ 週 ○ 日

原始資料來源: APNIC

協助整理: TWNIC

*Image from : https://ipv6now.twnic.tw/ipv6/index.html*

## 遠傳電信(行網) FETNet

IPv6比例：97.23%
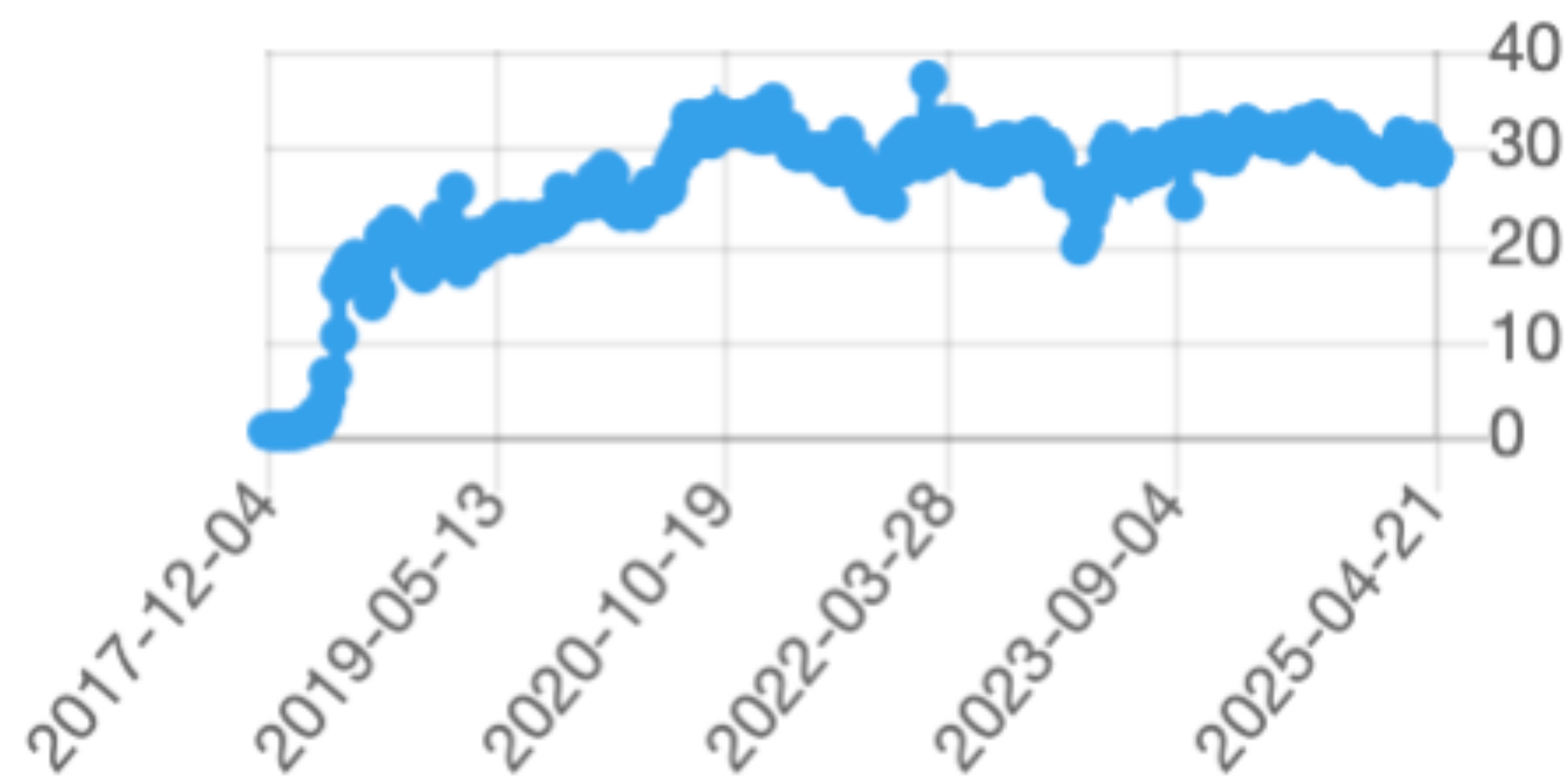


## 中華電信(行網) CHT Mobile

IPv6比例：94.43%



## 台灣大哥大(行網) Taiwan Mobile

IPv6比例：90.46%

# 中華電信(固網) CHT Fixed Network
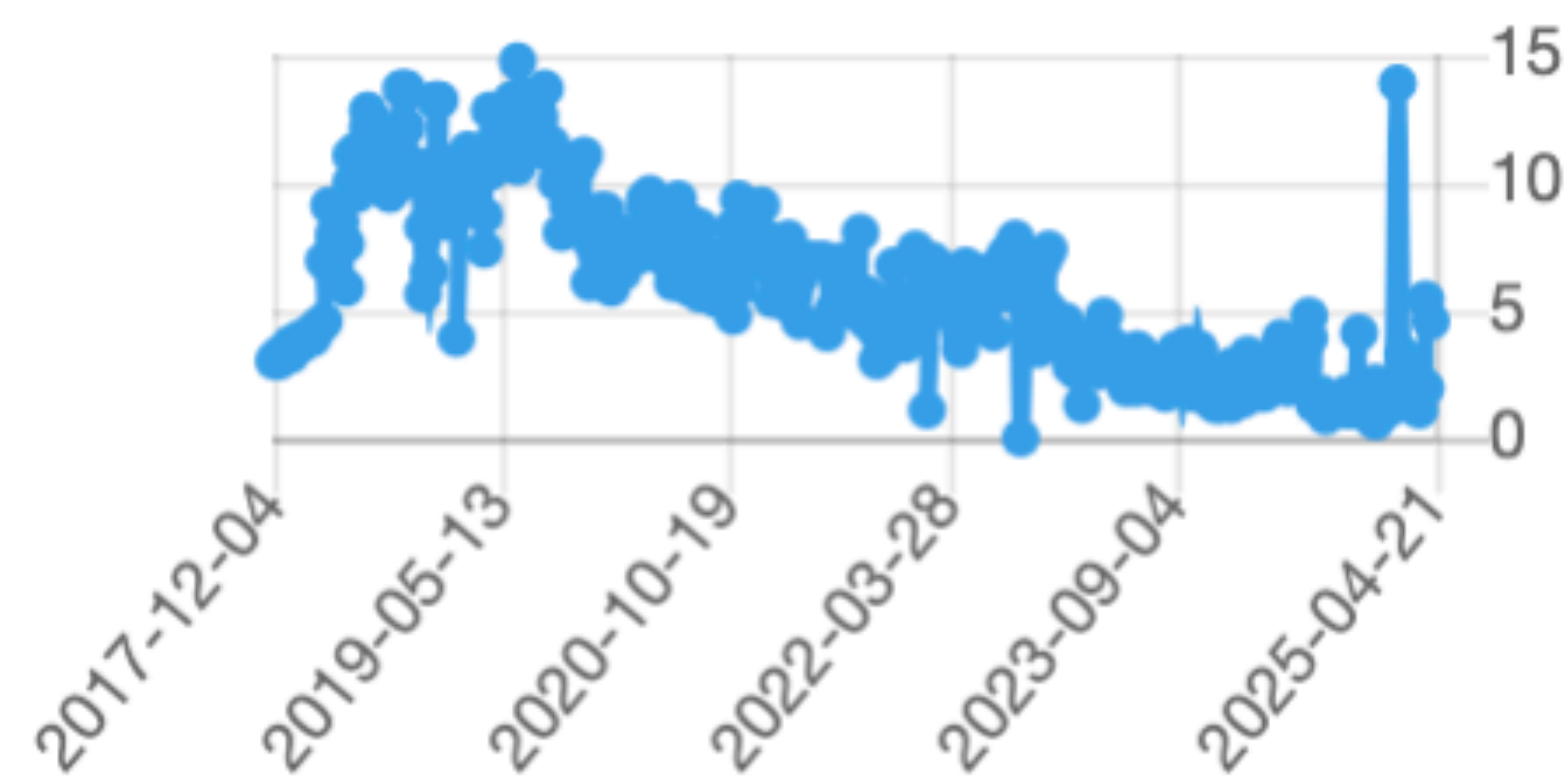
IPv6比例：29.22%



# 政府網際服務網 Government Service Network
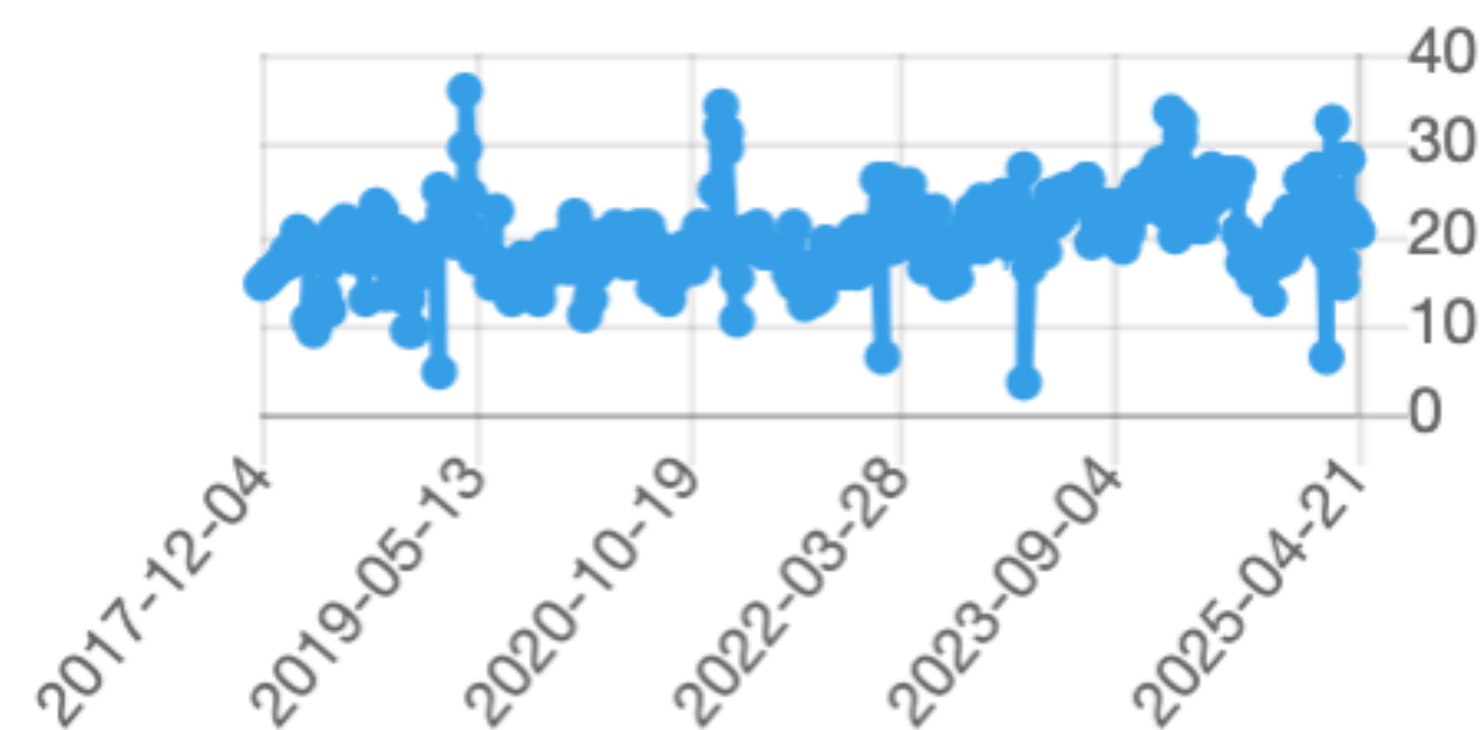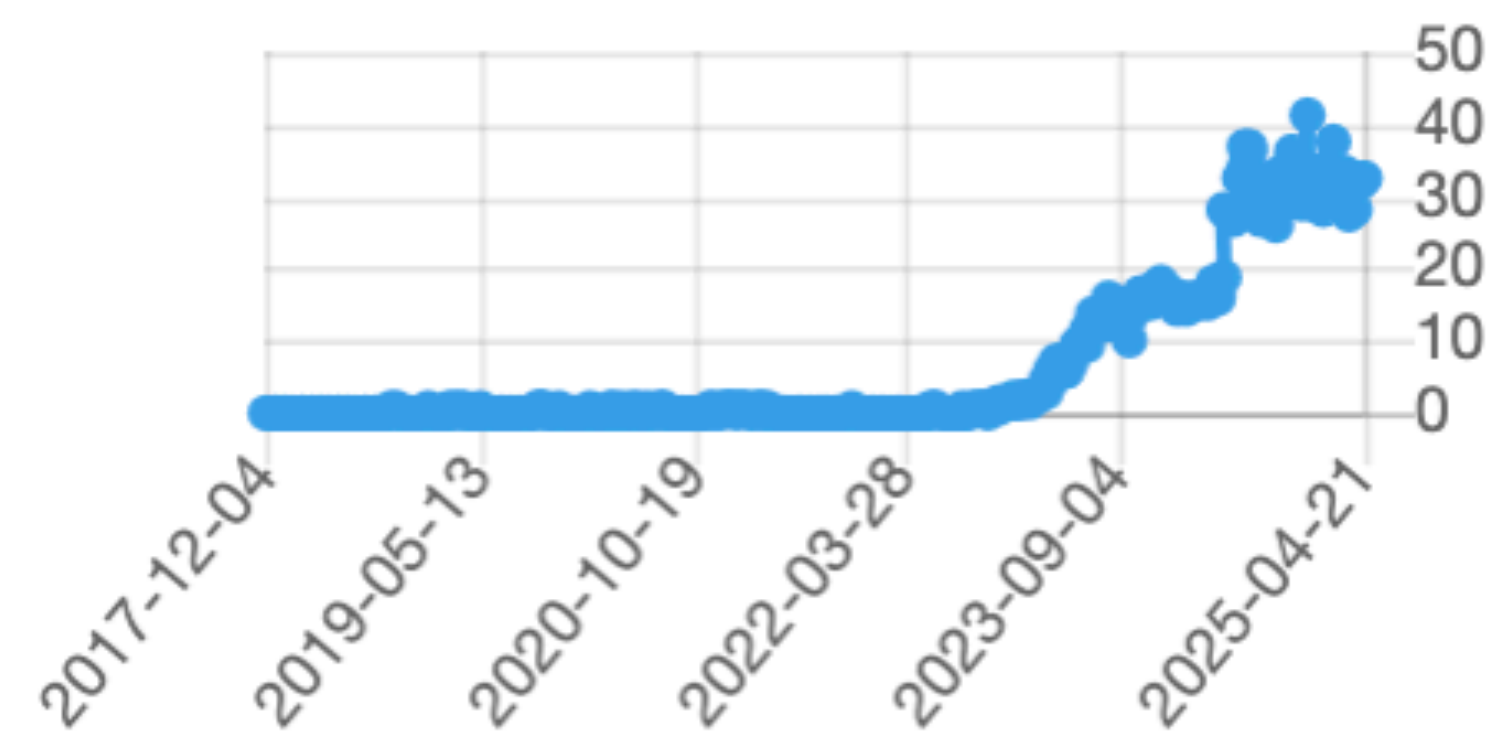
IPv6比例：4.6%



# 教育部 TANet
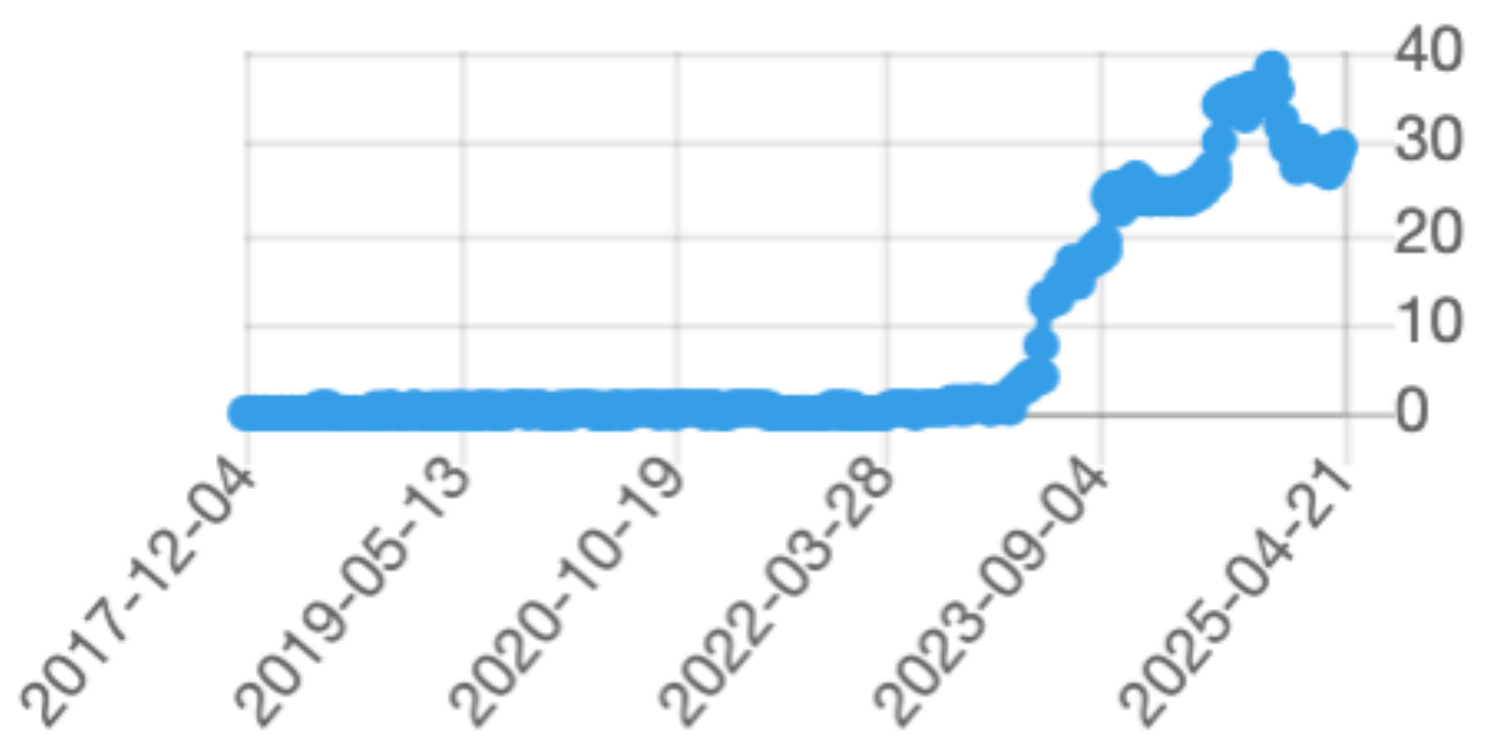
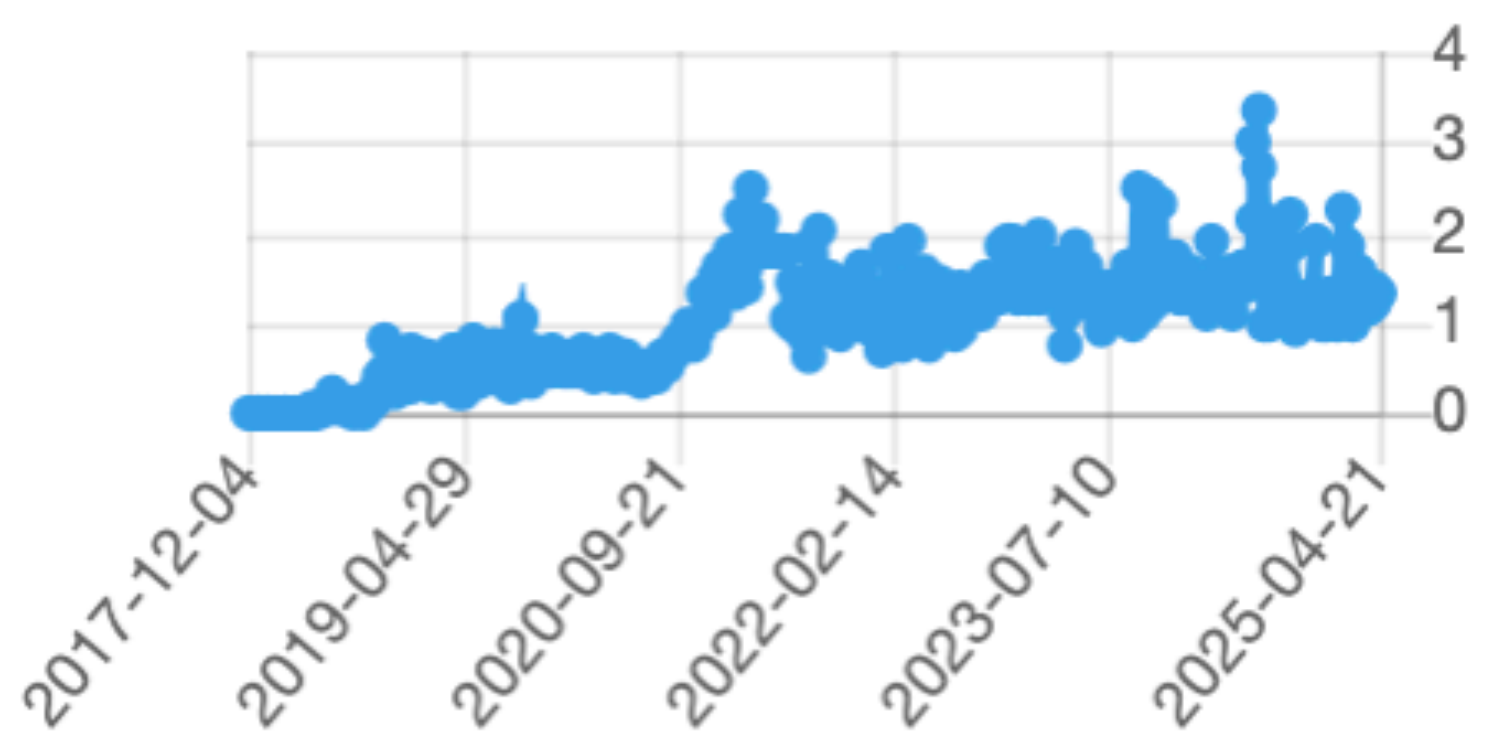IPv6比例：20.43%

## 台固媒體 TWM Broadband

IPv6比例：32.93%



## 凱擘寬頻 KBRO Broadband

IPv6比例：29.72%



## 台灣寬頻通訊 TBC Broadband

IPv6比例：1.35%

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