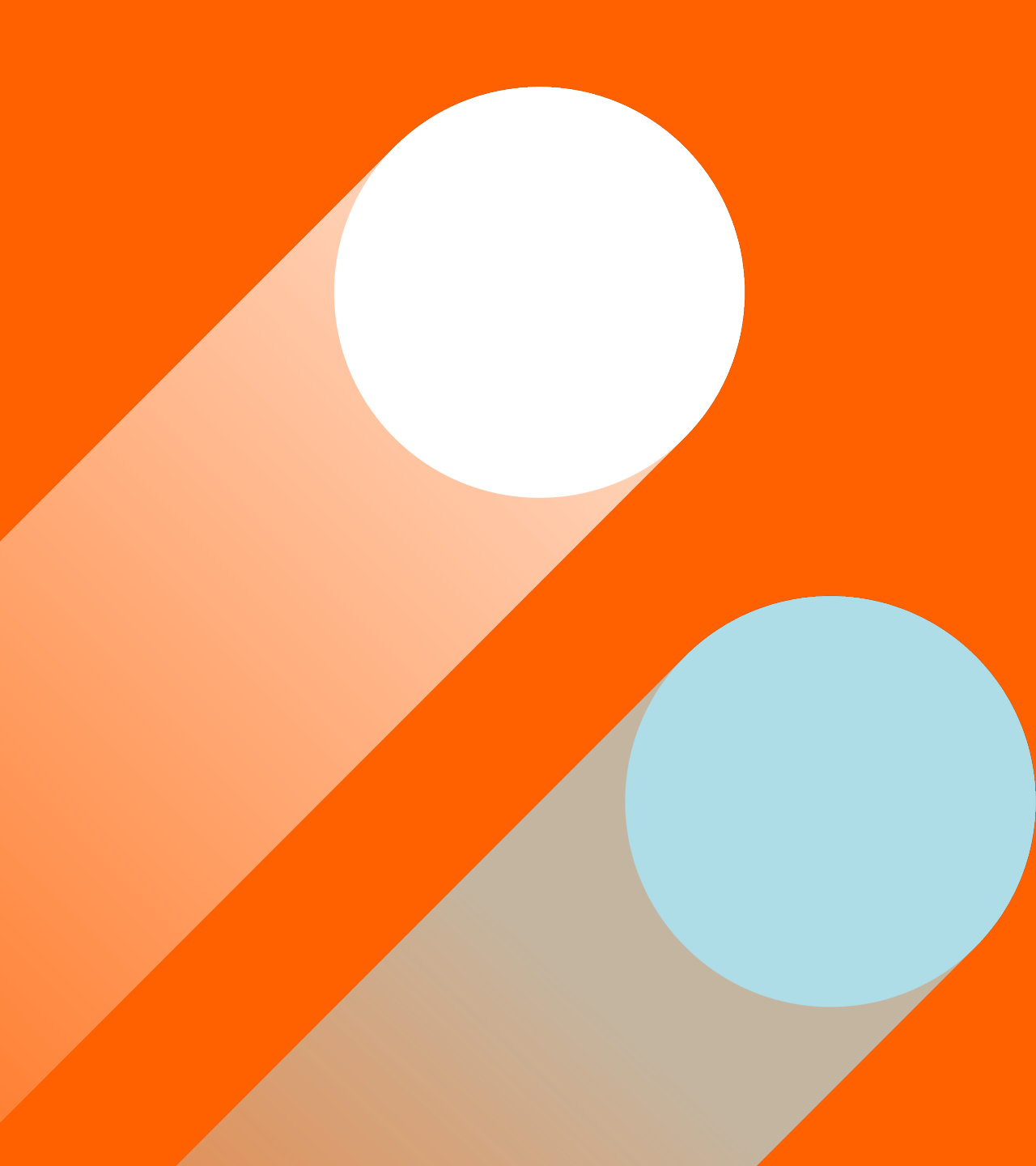


A decorative graphic on the left side of the slide. It features a large white circle in the upper left and a smaller light blue circle in the lower left. Two diagonal bands, one light orange and one light grey, cross the background. The white circle is partially overlaid by the light orange band, and the blue circle is partially overlaid by the light grey band.

APNIC 62 TWNIC Update

Tim Wang

Outline



STATISTICS OF TWNIC

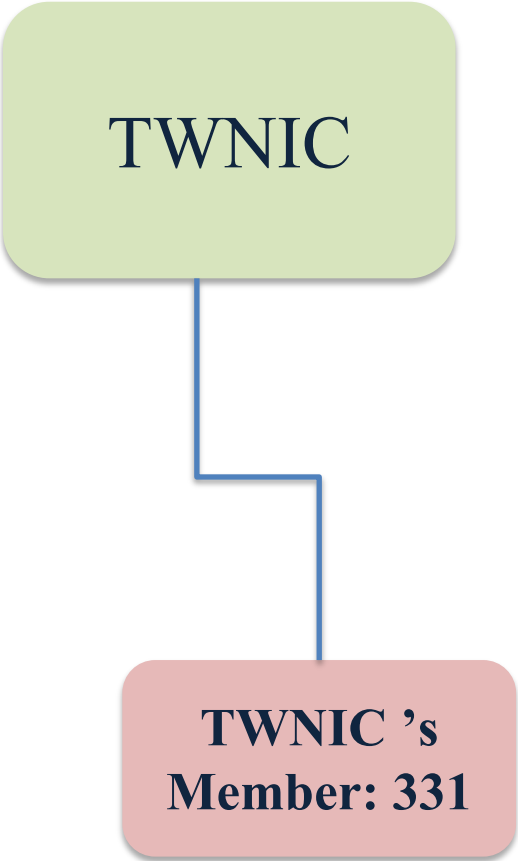


TWNIC'S ACTIVITIES
AND TRAINING
PROGRAMS



CONCLUSIONS &
FUTURE WORKS

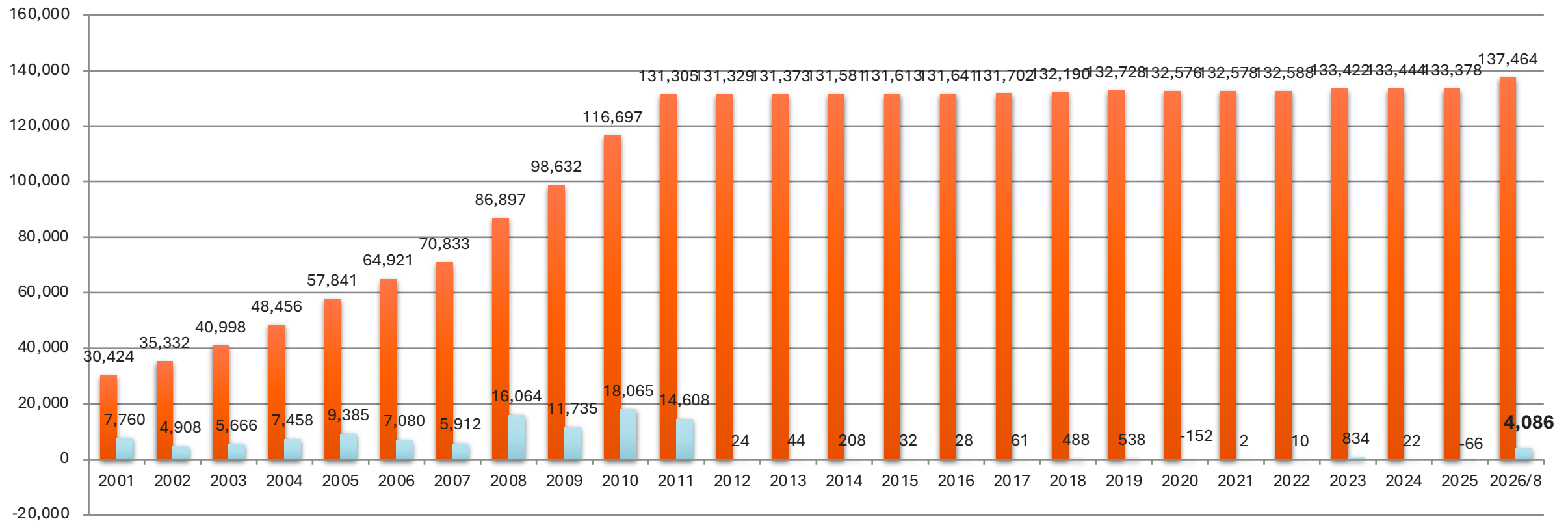
Statistics of TWNIC's IP members



IPv4 Address Allocation

- TWNIC has allocated 137,464 /24s IPv4 addresses.

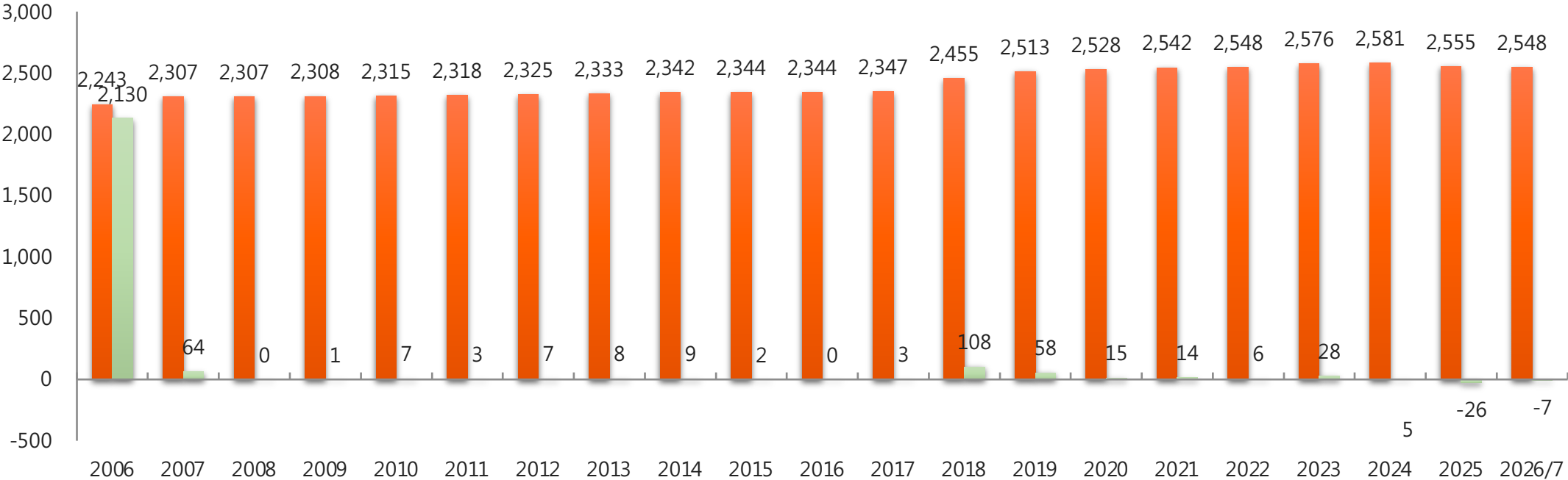
Unit: /24



IPv6 Address Allocation

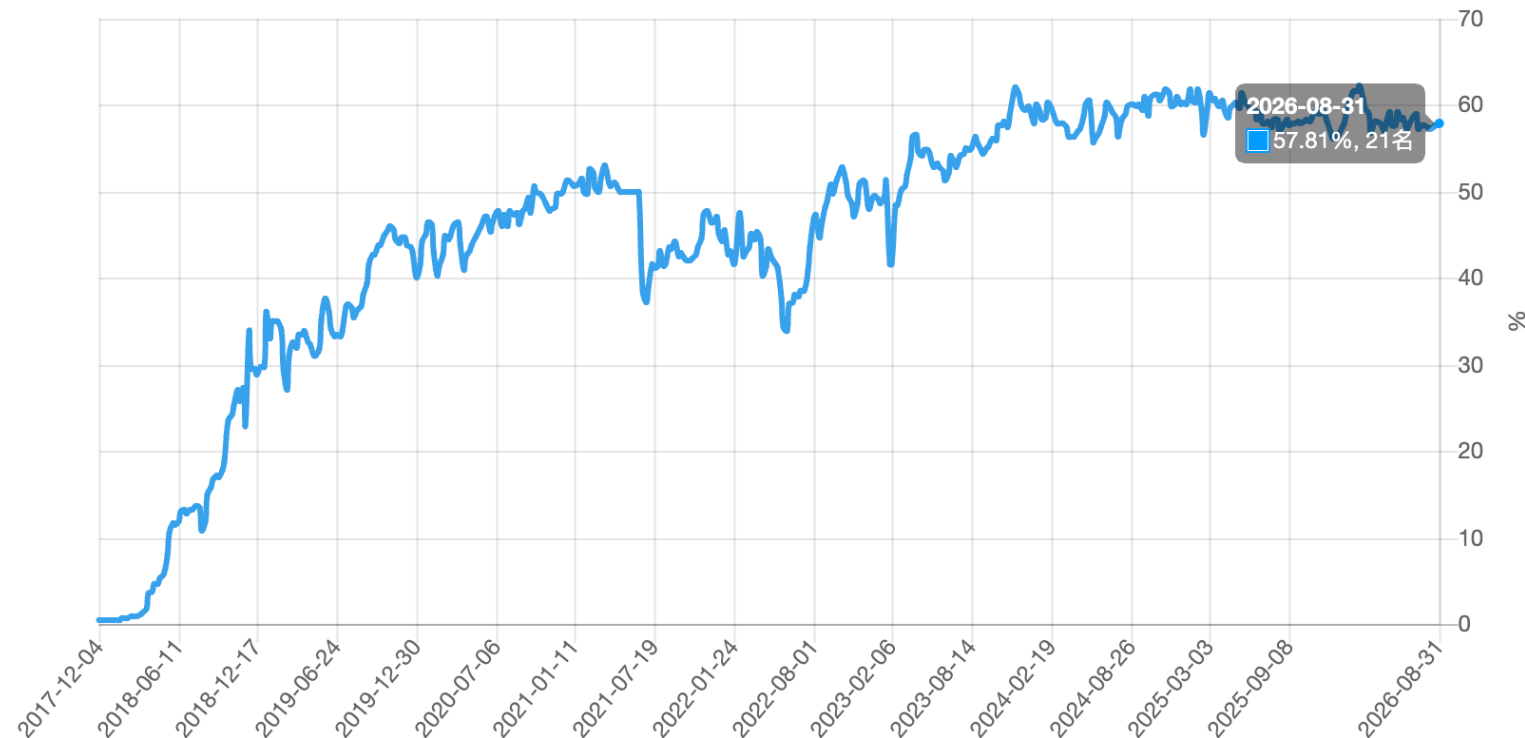
- TWNIC has allocated 2,552 /32s IPv6 addresses.

Unit: /32



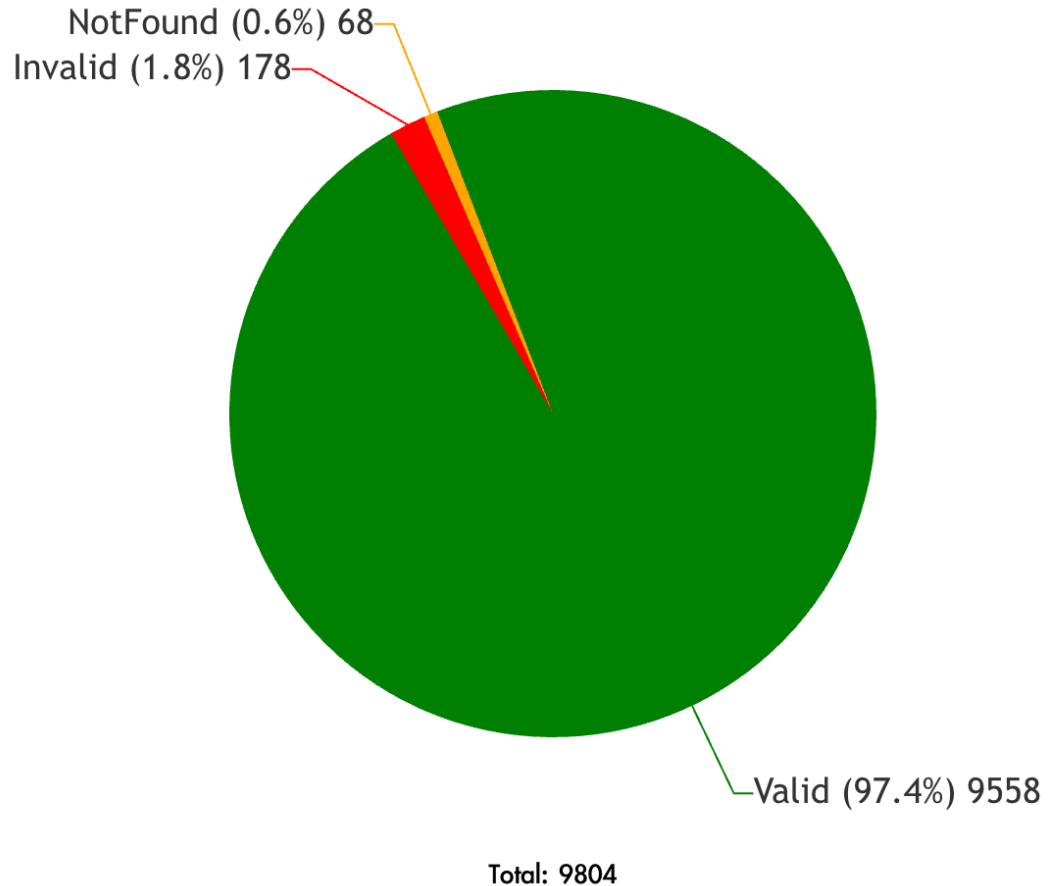
Taiwan IPv6 User Availability

- Taiwan IPv6 user availability is 0.46% in the end of 2017 and 57.81% in August 2026.
- Taiwan IPv6 Global Ranking: 21
- Data derived from APNIC by measuring mean value of IPv6 Capable over the last 7 days.

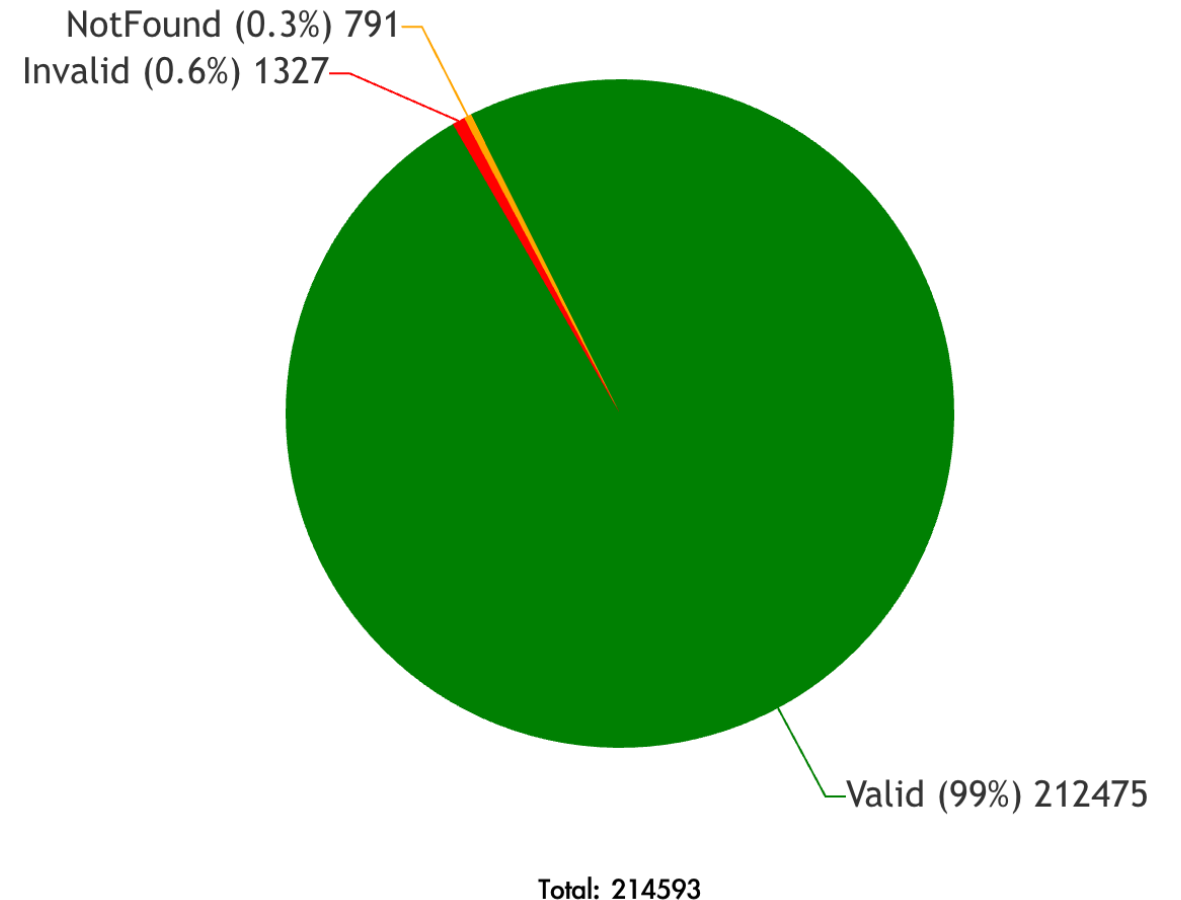


TWNIC RPKI Service

Number of Routing: IPv4 Valid Prefix 97.4%

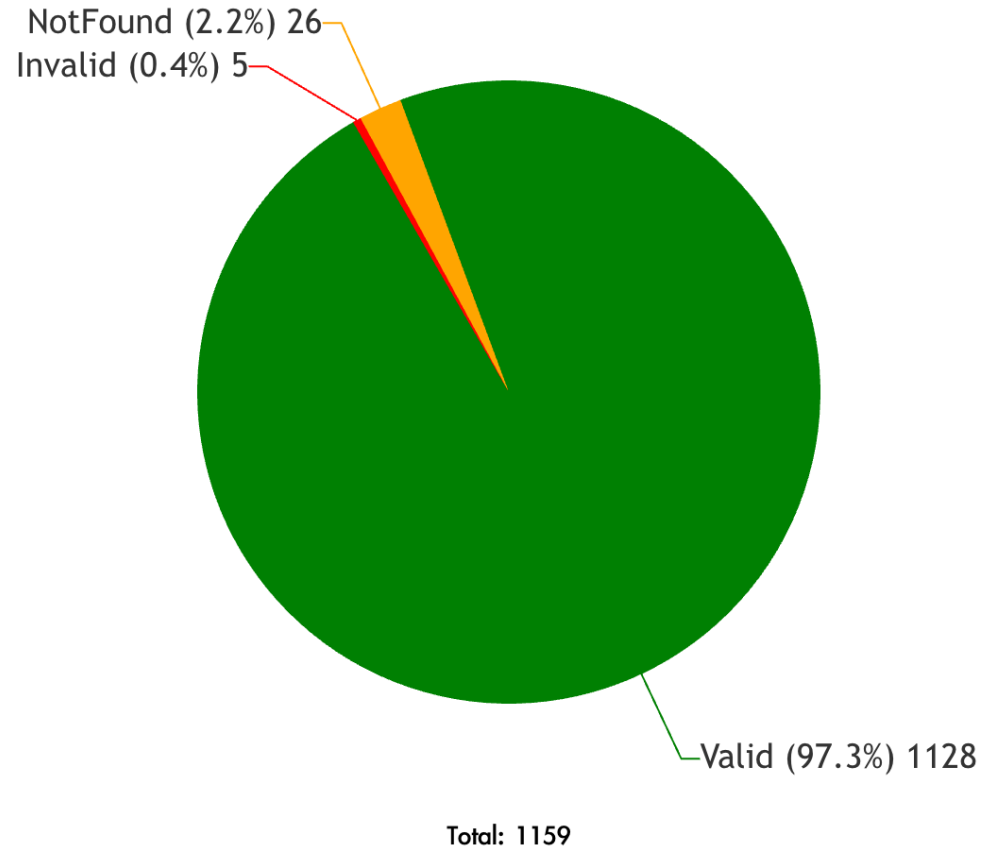


Number of Class C: IPv4 Valid Space 99%

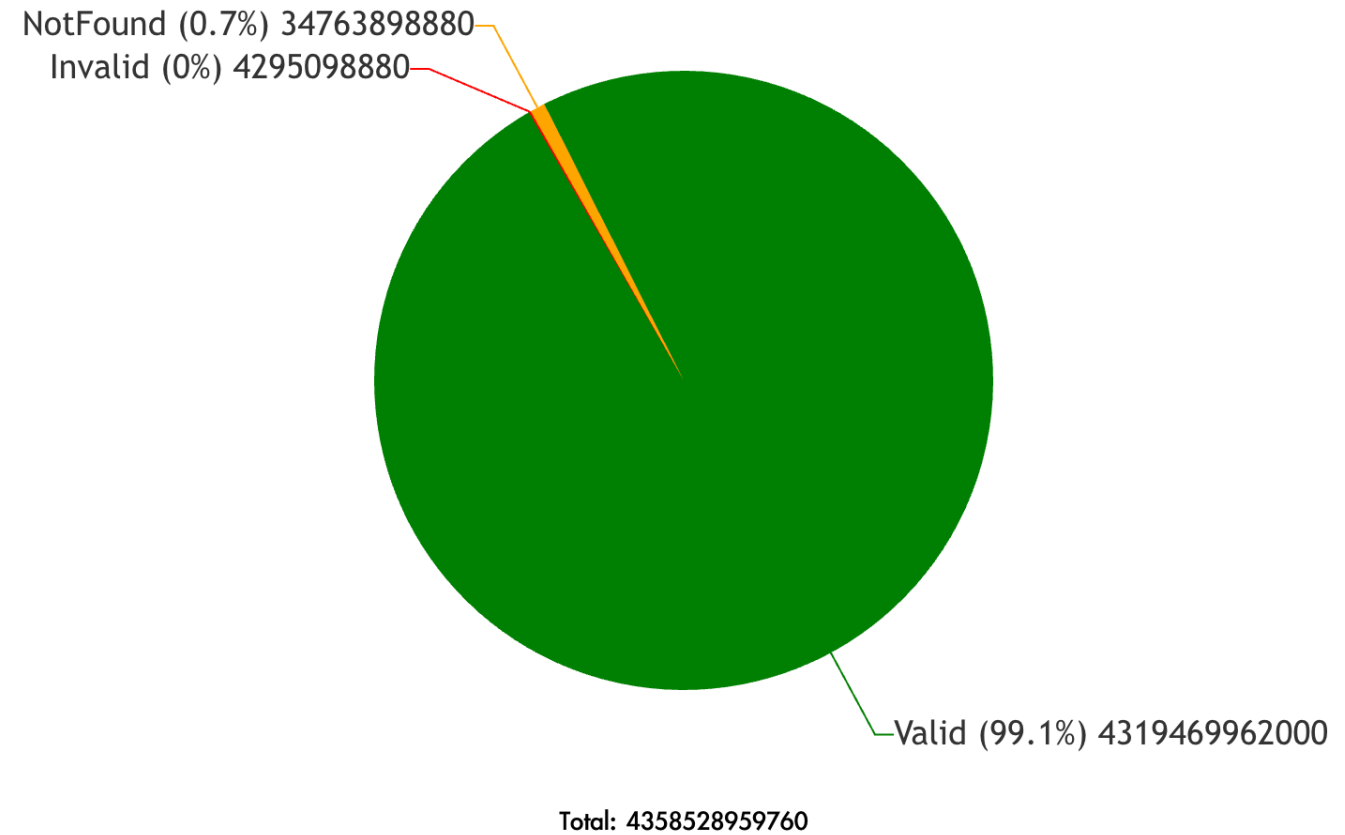


TWNIC RPKI Service

Number of Routing: IPv6 Valid Prefix 97.3%

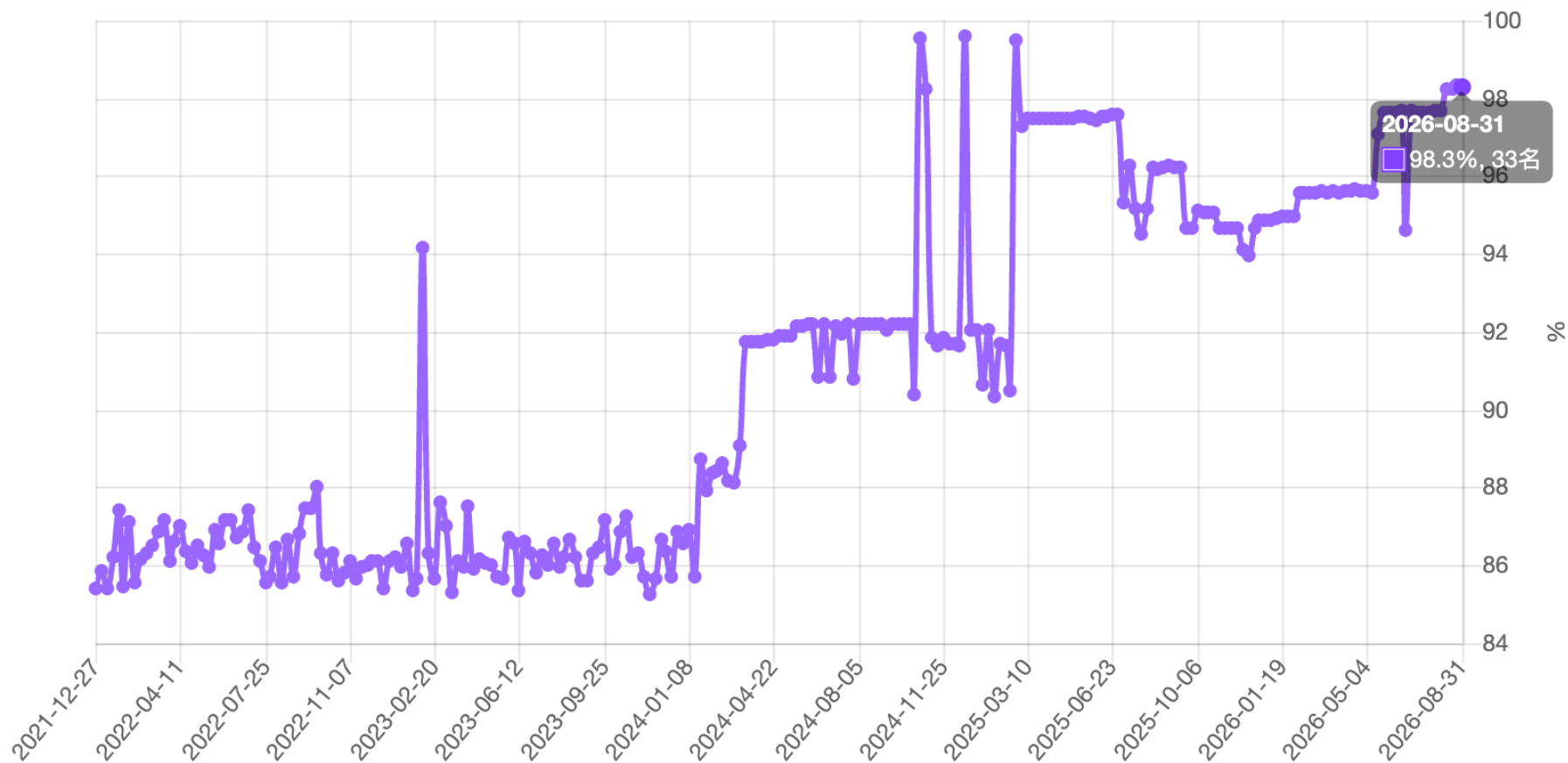


Number of /64: IPv6 Valid Space 99.1%



date: 2026/8/31

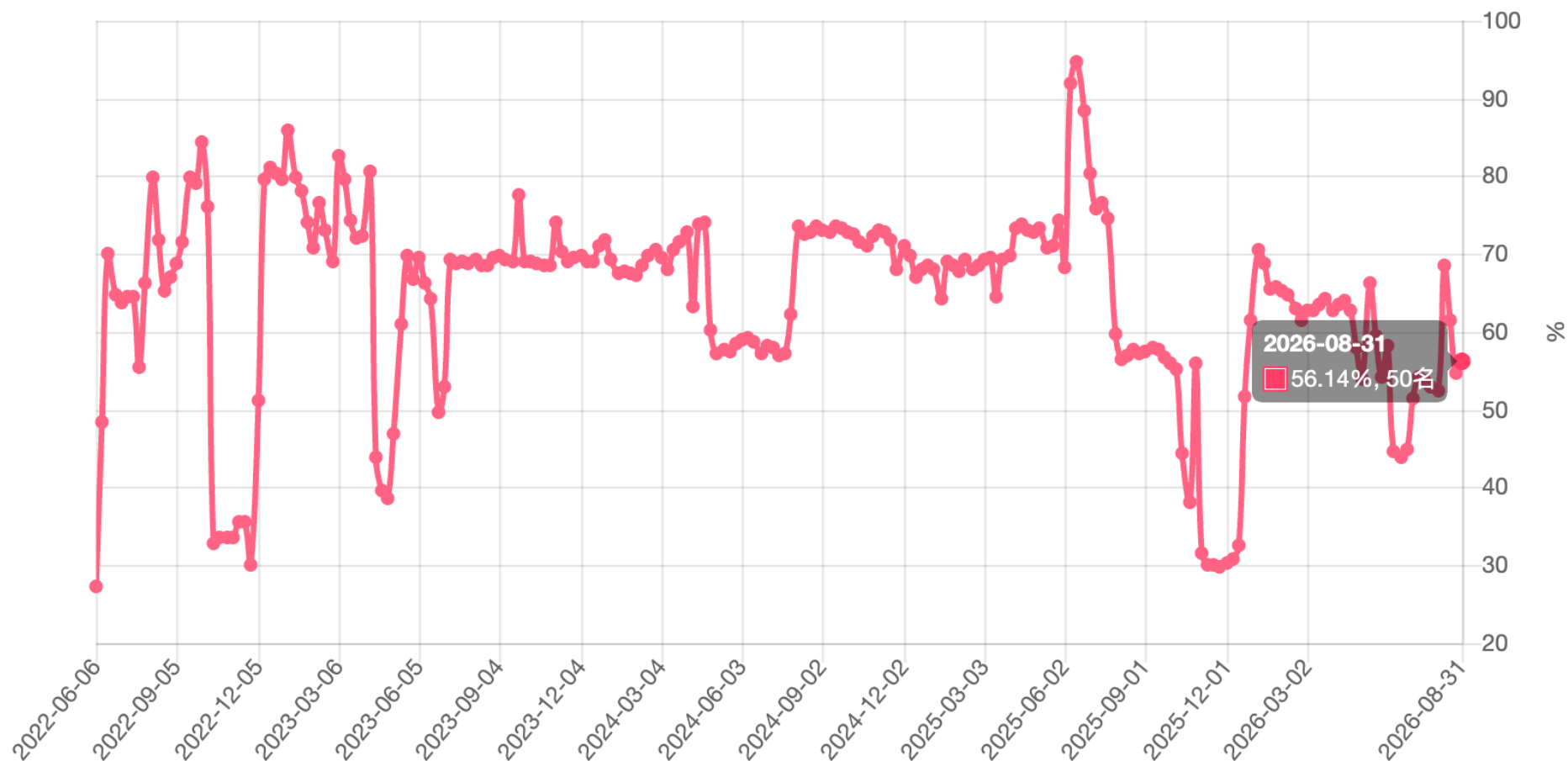
Taiwan RPKI ROA ratio: 98.3%



Data source: APNIC

<https://labs.apnic.net/measurements/>

Taiwan ROV ratio: 56.14%



Data source: APNIC

<https://labs.apnic.net/measurements/>

Abuse Contacts Validation

- There are 281 members(85.7%) finished the validation process on 1st half 2026.

Execution Time	Total	Finished within 15 days	Finished within 30 days	Total Finished	Unfinished
2026/04/29 11:16:00	328	181	213	281	47

- **Validation Policy:** Executes every half-year; members must complete validation **at least once a year**.
- **2025 Achievement:** Successfully ensured **100% Compliance**, with all IP members completing at least one validation in 2025.
- **Strict Enforcement:** Unfinished validations lead to restricted RMS access or resource reclamation to ensure a reachable network abuse contact point.

Internet Week 2026

Date: May 12-15, 2026

Day 2: APNIC-TWNIC 43rd IP Open Policy Meeting

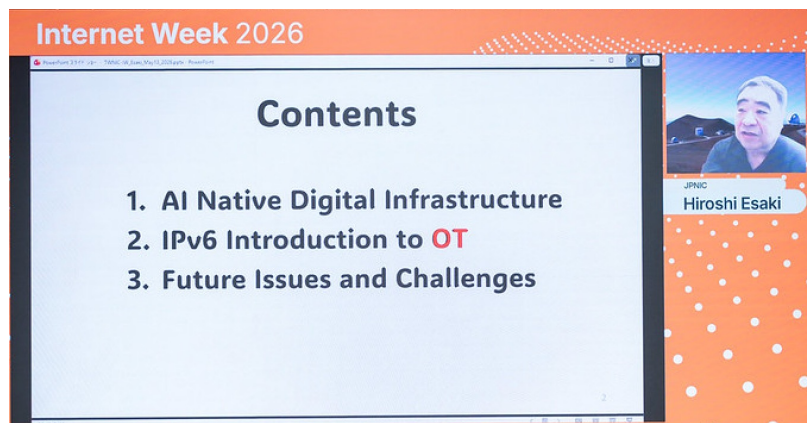
Keynote Speech

- Critical Challenges of the Internet Infrastructure in 2026, Hiroshi Esaki, President, JPNIC

Panel Discussion

- From Policy to Practice: IP Resource Governance in a Changing Internet
- ISP Development SIG

To see the detail agenda, visit: <https://internetweek.tw/2026/agendaC02En.html>



2026 APNIC-TWNIC LEA Training

- Introduction to Internet Fundamentals for Cyber Investigators
- Time: May 26, 2026, 9:00 AM–5:00 PM
- Location: TWNIC Office
- Trainer: Adli Wahid, Senior Internet Security Specialist, APNIC
- Participants: 34
- Agenda:
 - Foundations of the Internet Ecosystem
 - Internet Abuse & Investigation Techniques
 - OSINT, Threat Intelligence & Tools
 - Practical Case Study & Hands-On Analysis



TWNIC IP Training & Capacity Building

- We cooperated with APNIC to hold 2026 TWNIC-APNIC Joint Training(H1).

SN	Location	Date	Mode	Topic	Participant
1	Taipei	6/16-6/18	Onsite	IPv6 Deployment Workshop	18

- We held 2 local IP network communication trainings this year.

SN	Location	Date	Mode	Topic	Participant
1	Kaohsiung	5/8	Onsite	IPv6 Upgrade and BYOIP for Cloud Migration and IPv6-Only	45
2	Taipei	8/20	Onsite	IPv6 IoT, SDN, SRv6 and IPv6-Only	36
3	Yunlin	10/16	Onsite	IPv6 Network Security Protection Technology and IPv6-Only	

Conclusions & Future Works

- Added 16 new IP members in 2026 to date.
- The annual IP Member Meeting will be held on December 18.
- Continue fostering industry collaboration through Internet Week and IP Open Policy Meetings.
- Executes Abuse Contact Validation every half year, TWNIC members must complete Abuse Contact Validation at least once a year
- We will continually hold IPv6 training.
- We will continually encourage and assist Taiwan's ISPs and service providers in managing ROAs and ROV.

Thank You.

•twinc