

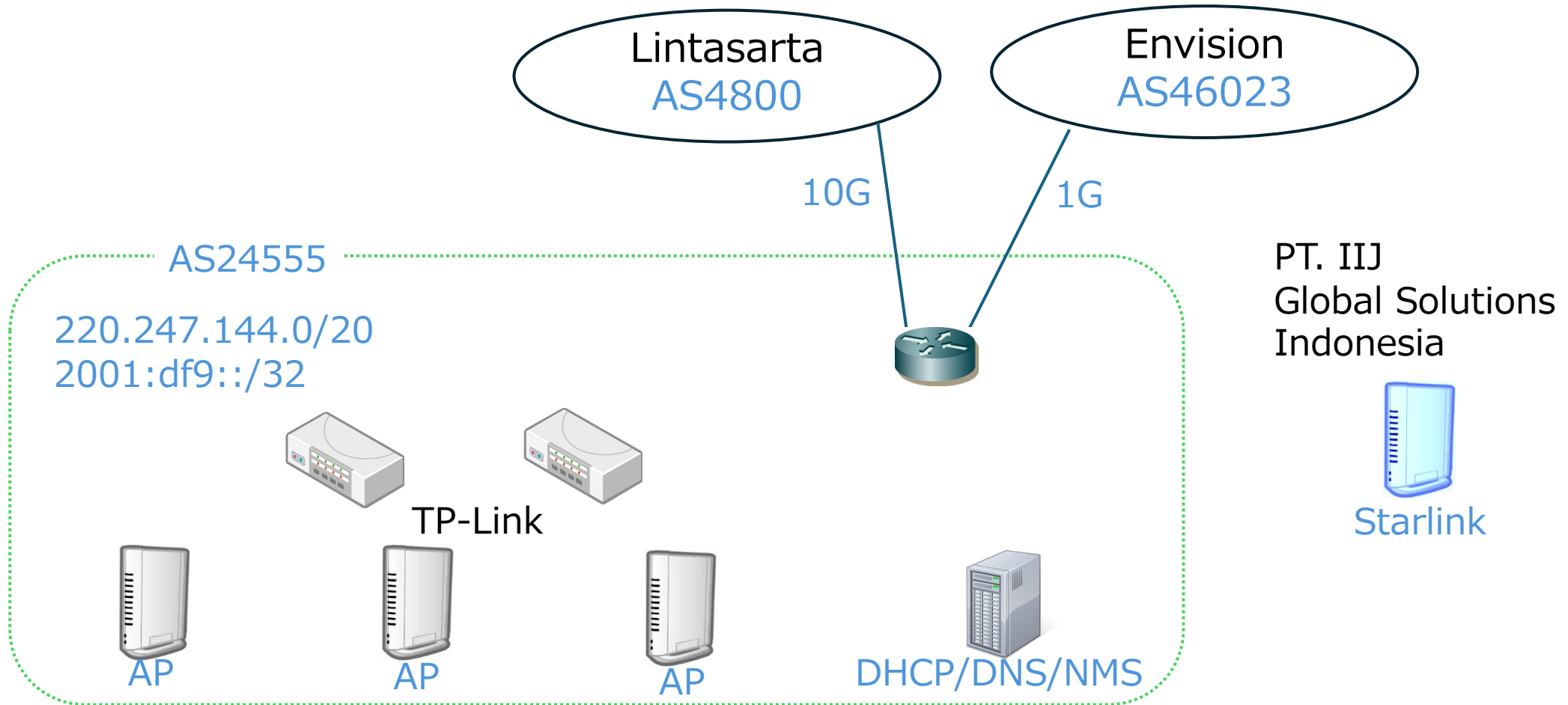
Conference Network Report

APRICOT Technical Committee

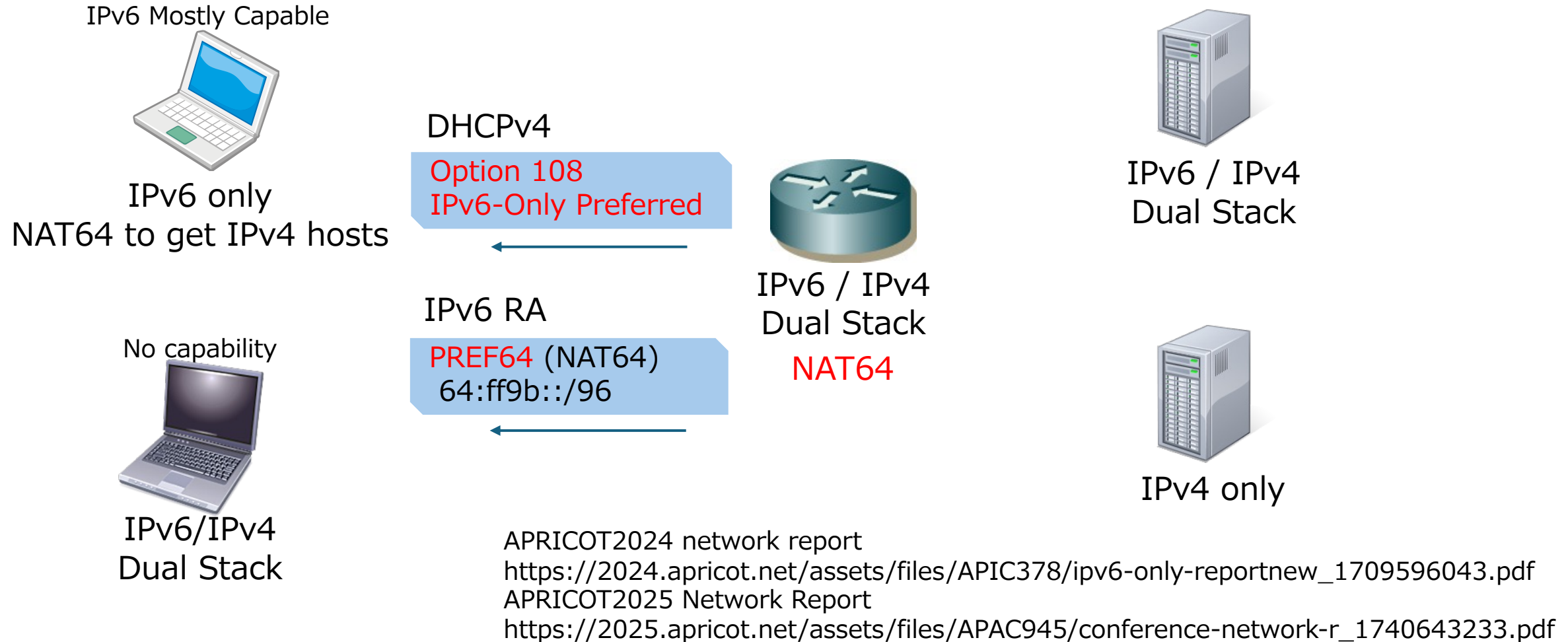
Yoshinobu 'maz' Matsuzaki

<maz@iij.ad.jp>

APRICOT2026 network overview

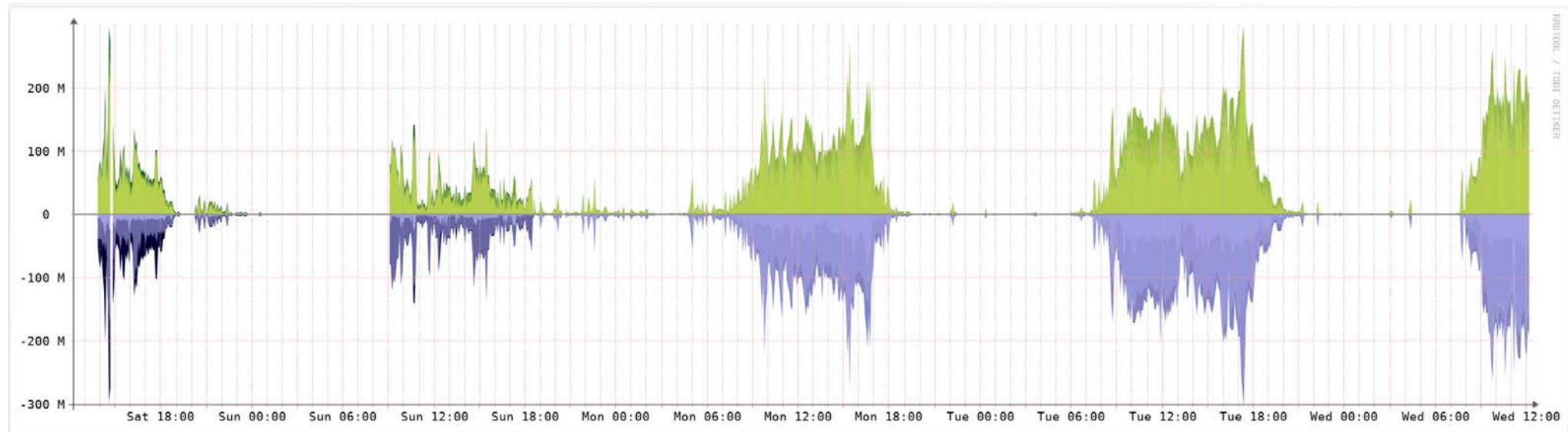


IPv6 Mostly



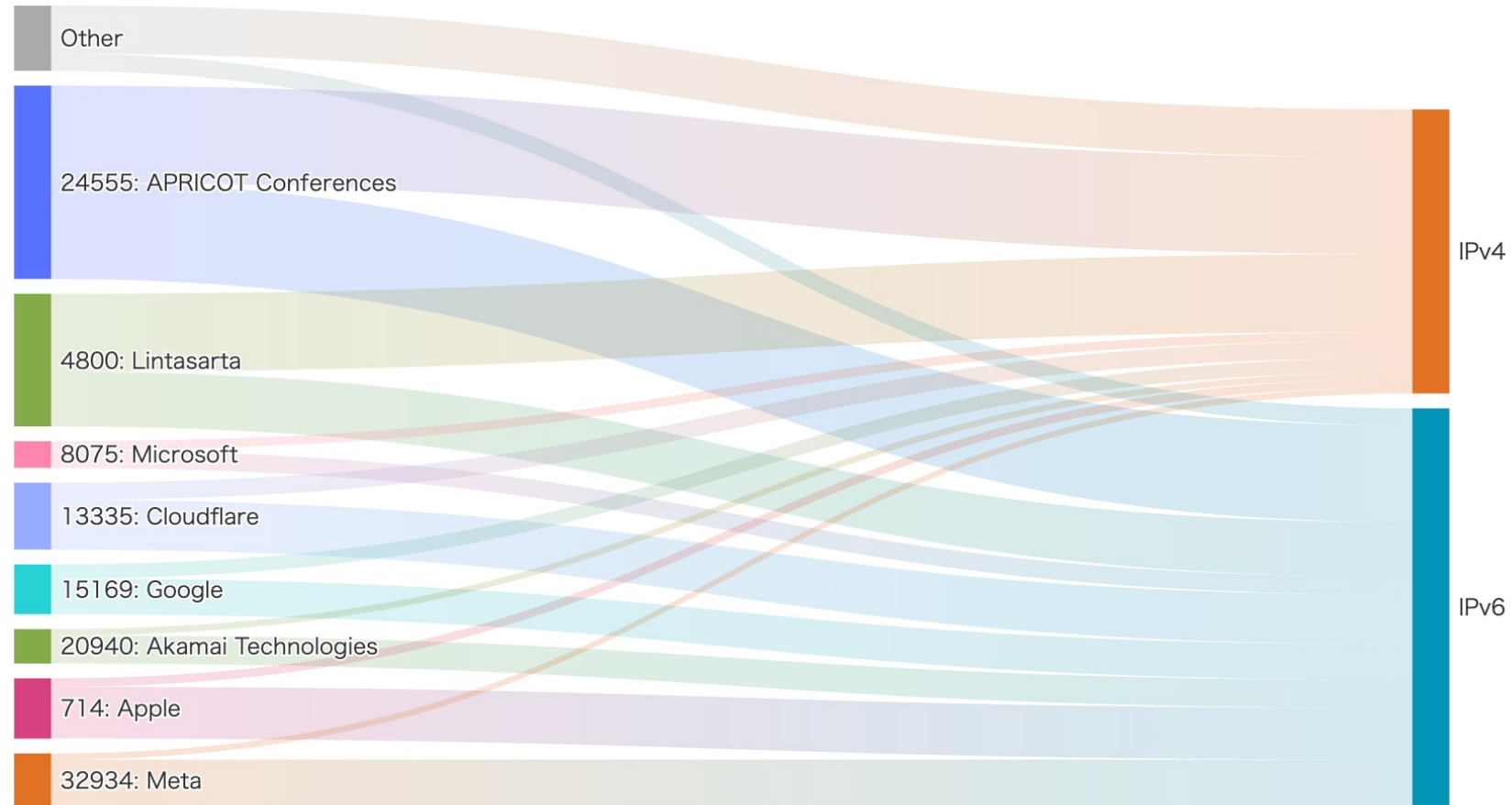
Statistics

- 609 unique MAC address on 11/Feb
 - 70% (431) IPv6 + NAT64 ... IPv6 Mostly capable clients
 - 30% (178) IPv6 + IPv4
- 300Mbps at peak

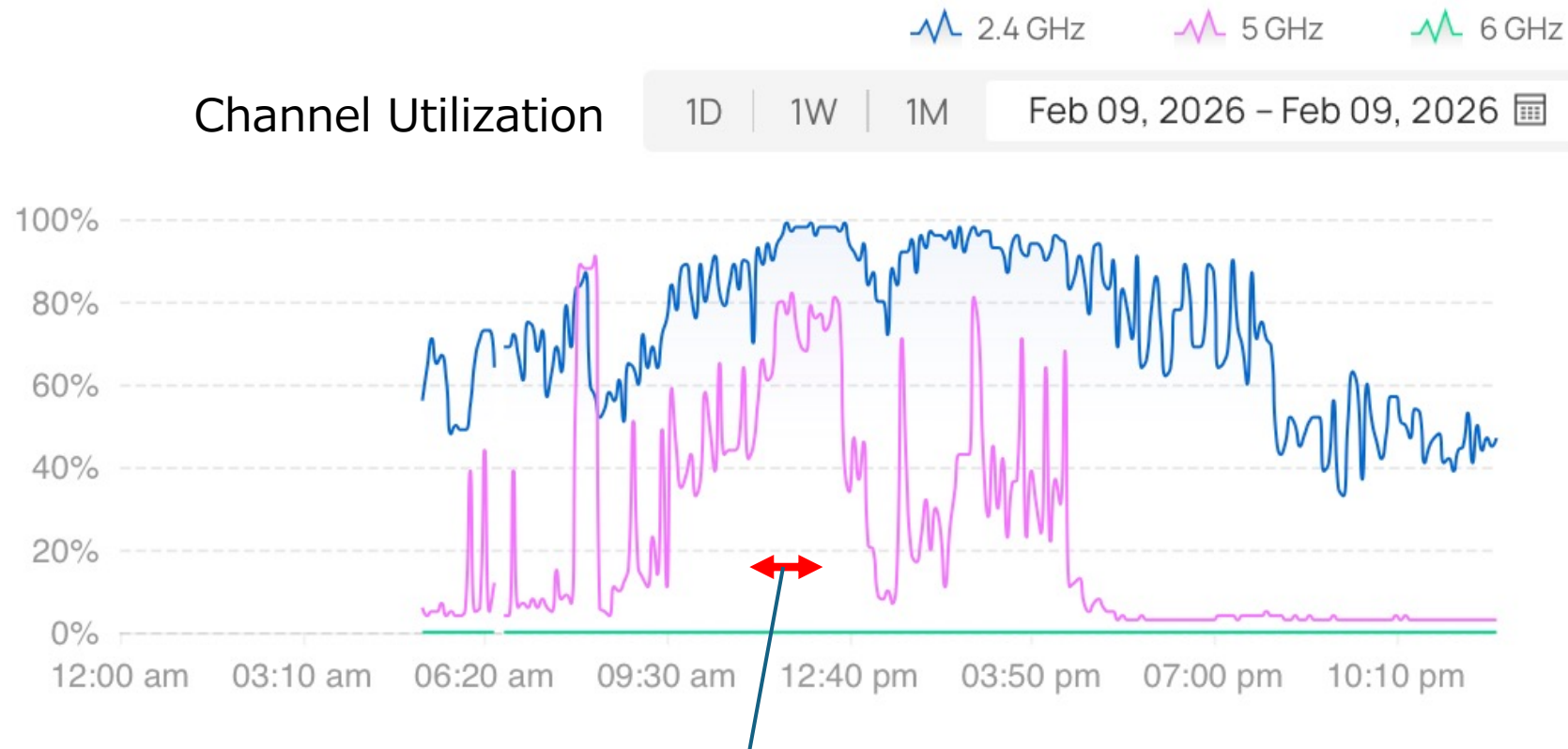


Akvorado for NetFlow analysis

February 9, 2026 12:10 PM — February 11, 2026 12:10 PM Sankey ↑ 10 # L3% SrcAS, EType InIfBoundary = external



Opening crowd caused WiFi overload and outage

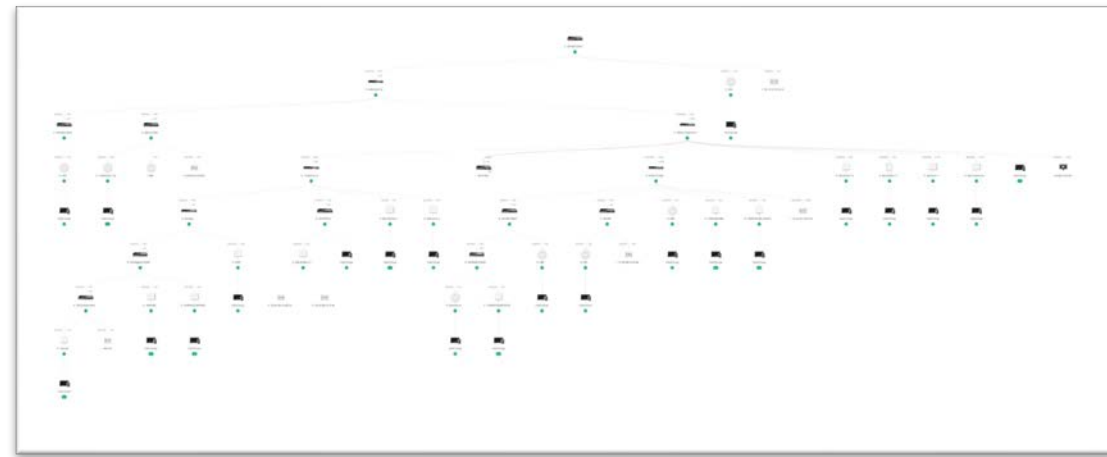


A BGP ghost route



- Our prefixes appeared globally reachable
 - Checked at route-views, RIS and such
- But **no reachability to some ASes**
- Found a longer-than-expected AS_PATH route
 - BGP timestamp from earlier temporary announcement
 - Later we withdrawn – This is possibly **a ghost route**
- Contacted ASes in the AS_PATH
 - To clear the ghost route, and **this community helped a lot!**
- One of the ASes fixed a configuration issue

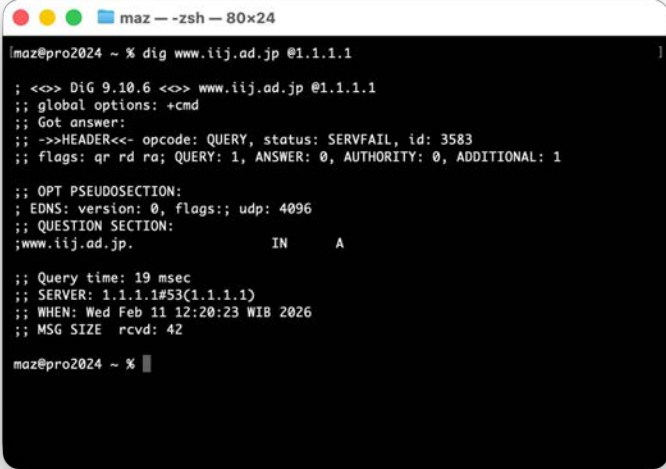
A Floating AP



- Local controller
 - Manages all of APs and Switches
 - One AP was providing a different network
 - The same SSID and the same password
 - Not under the controller management
- Resolved by resetting the AP
- joined controller and returned to normal operation
- Confirm all devices are under management control

DNS name resolution issue

- Occasional resolution failures
 - When using public DNS services
 - Affects IPv4 queries with RD bit = 1
- Set up local DNS servers
- Offering those server via RDNSS/DHCP
 - Name resolution started working without issues
- Confirm the service in use is truly the intended one



```
maz@pro2024 ~ % dig www.iiij.ad.jp @1.1.1.1

; <<> DiG 9.10.6 <<> www.iiij.ad.jp @1.1.1.1
;; global options: +cmd
;; Got answer:
;; ->HEADER<<- opcode: QUERY, status: SERVFAIL, id: 3583
;; flags: qr rd ra; QUERY: 1, ANSWER: 0, AUTHORITY: 0, ADDITIONAL: 1

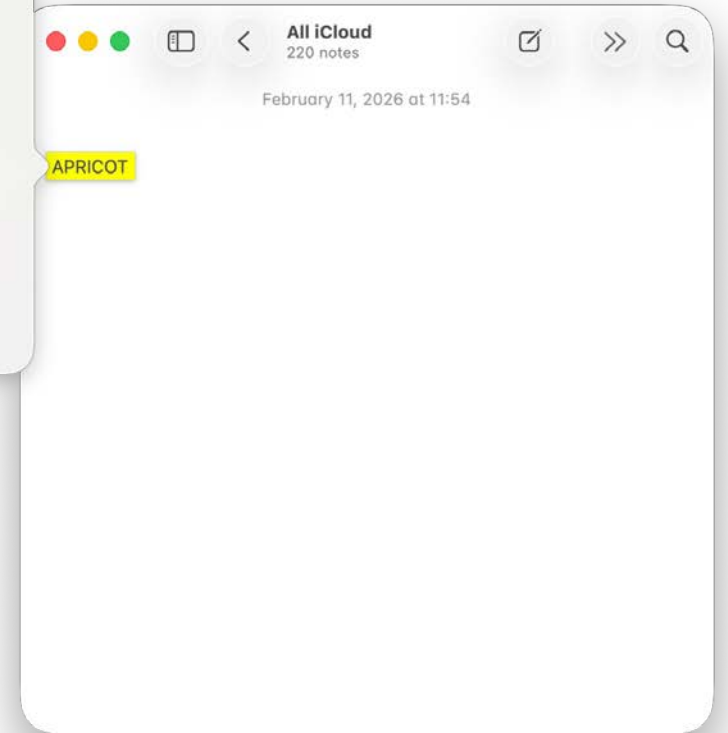
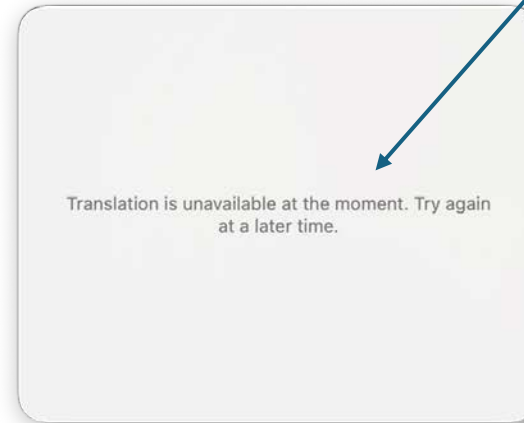
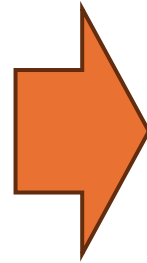
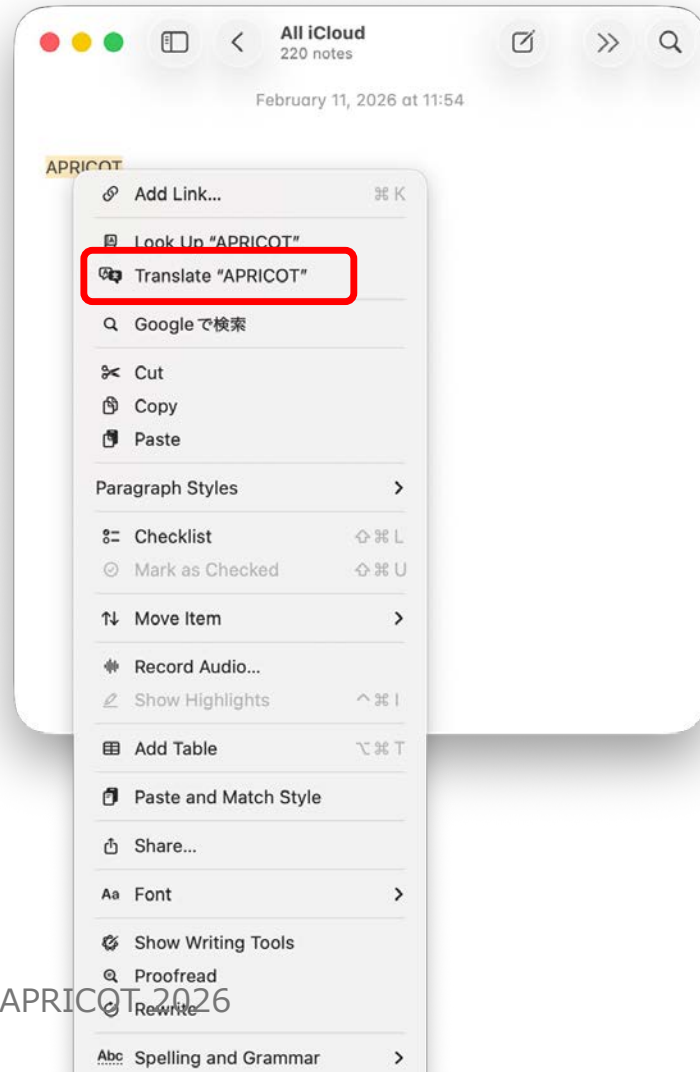
;; OPT PSEUDOSECTION:
;; EDNS: version: 0, flags:; udp: 4096
;; QUESTION SECTION:
;www.iiij.ad.jp.                IN      A

;; Query time: 19 msec
;; SERVER: 1.1.1.1#53(1.1.1.1)
;; WHEN: Wed Feb 11 12:20:23 WIB 2026
;; MSG SIZE rcvd: 42

maz@pro2024 ~ %
```

IPv6Mostly corner case

Translation is unavailable at this moment. Try again at a later time.



Reported by KoshiMurata

Thank you!

- APJII (local coordination and technical support)
- Lintasarta (transit)
- Envision (transit and cabling)
- TP-Link (switch, WiFi and cabling)
- Universitas Islam Indonesia (eduroam radius)
- PT. IIJ Global Solutions Indonesia (Starlink)
- Sheraton Grand Jakarta Gandaria City Hotel
- APRICOT Technical Committee
 - Philip Smith, Paul Ooi Cong Jen, and Yoshinobu Matsuzaki

Terima kasih

APRICOT