

Asia Pacific IPv6 Task Force Update

21st Feb 2016
APStar Retreat
By Mike Biber

Agenda

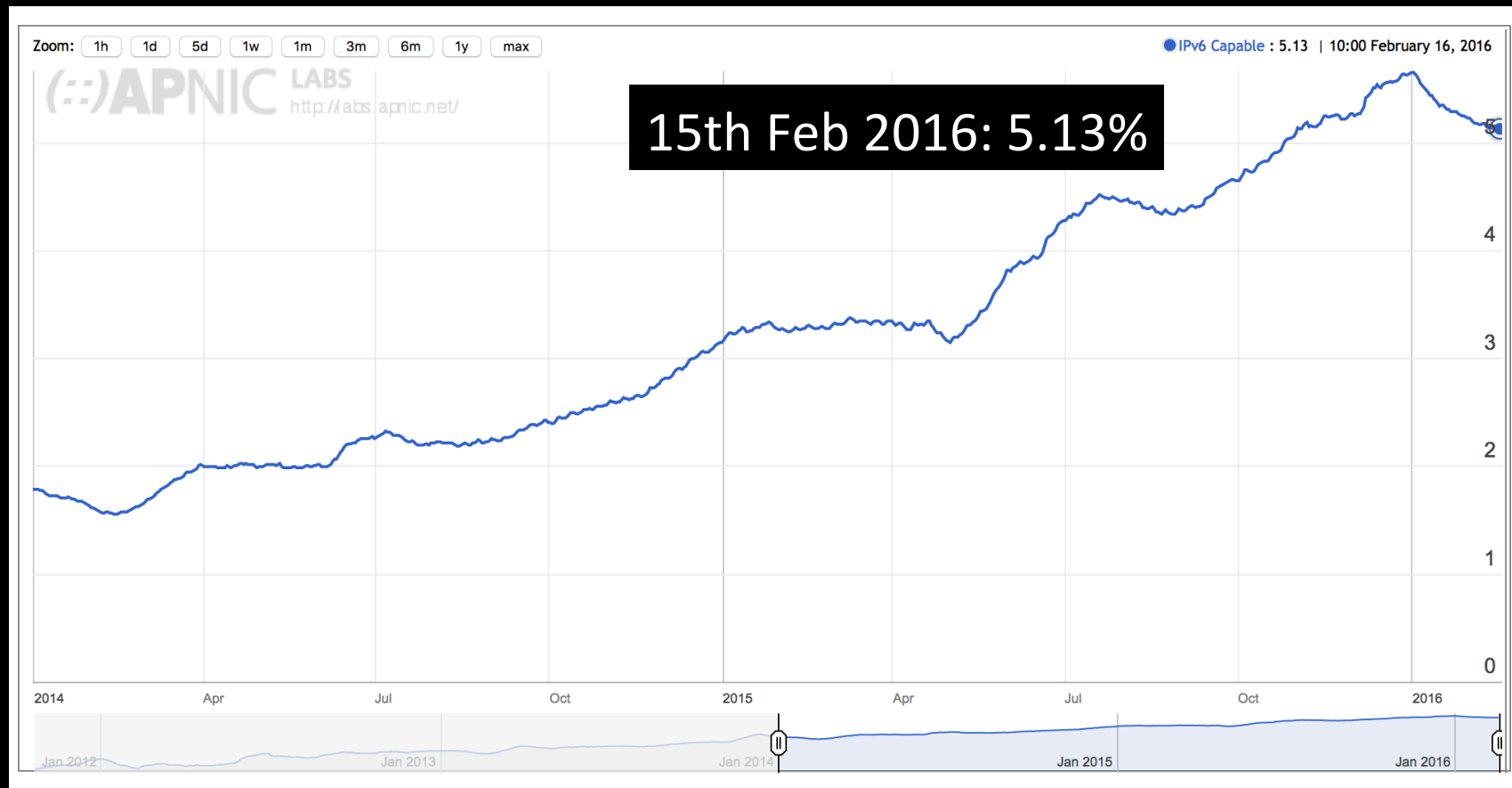
- APIIPv6TF @APNIC40, Sept 2015
- IPv6 deployment status update
 - IPv6 deployment statistics
- APIIPv6TF @APRICOT2016/APNIC41
 - 24th Feb 2016 (Wed)

APIPv6TF @APNIC40, Sept 2015

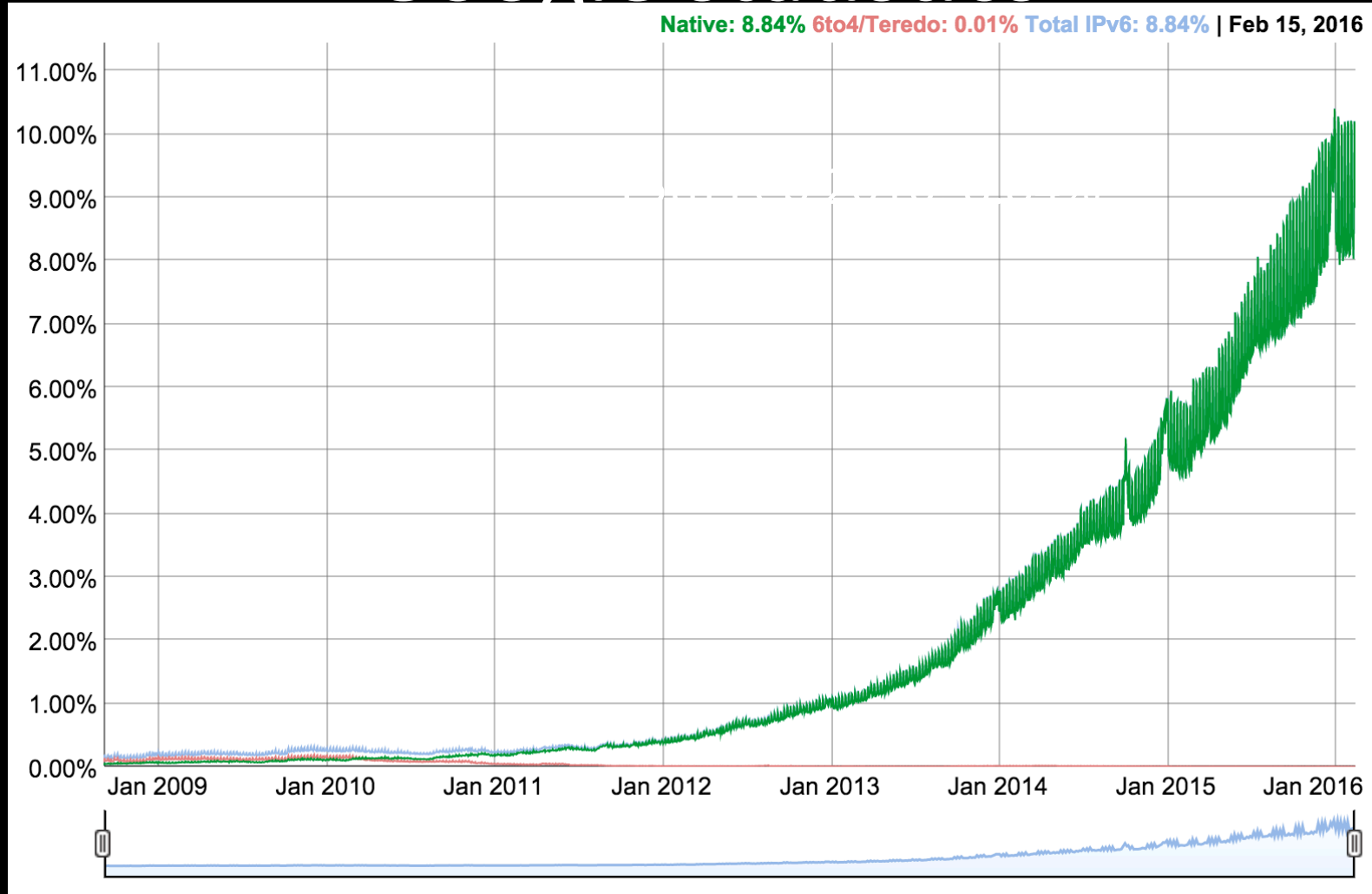
- Co-hosted with IPv6 Readiness Measurement BoF (lead by TWNIC)
 - Supporting the AP community's IPv6 deployment by sharing up to date IPv6 case studies, economy and industry update
 - 10 presentations
 - About 70 participants

IPv6 measurement

End user readiness: World



IPv6 access Google statistics

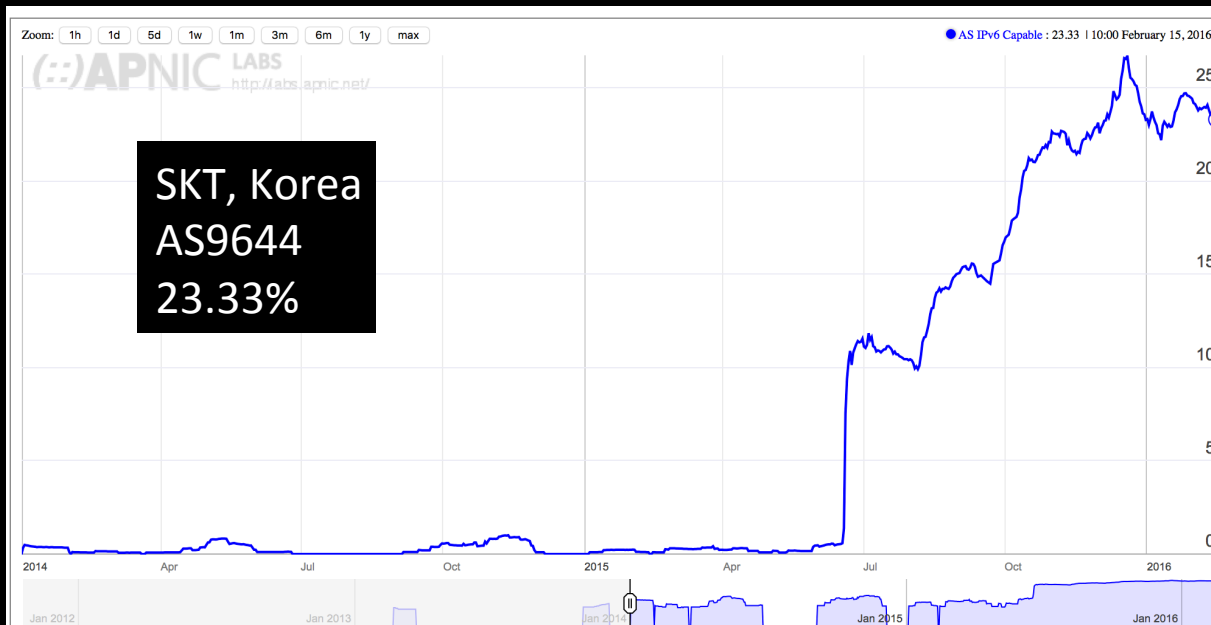


Top ASN – Global

CC	Country	IPv6 Capable
BE	Belgium, Western Europe, Europe	49.09%
CH	Switzerland, Western Europe, Europe	30.76%
US	United States of America, Northern America, Americas	30.00%
PT	Portugal, Southern Europe, Europe	29.55%
DE	Germany, Western Europe, Europe	24.53%
GR	Greece, Southern Europe, Europe	23.14%
LU	Luxembourg, Western Europe, Europe	19.08%
PE	Peru, South America, Americas	18.10%
EE	Estonia, Northern Europe, Europe	15.43%
JP	Japan, Eastern Asia, Asia	14.85%
EC	Ecuador, South America, Americas	12.35%
MY	Malaysia, South-Eastern Asia, Asia	12.18%
NO	Norway, Northern Europe, Europe	11.20%
CZ	Czech Republic, Eastern Europe, Europe	10.98%
FI	Finland, Northern Europe, Europe	10.19%

IPv6 measurement

- IPv6 in mobile networks



Observation

- Many commercial operators with more than 50% of IPv6 ready end users ratio, e.g.,
 - AS22394, Verizon Wireless, 89.91%
 - AS6848, TELENET, Belgium , 70.33%
 - AS21298. T-Mobile USA, 46.49%
- Some Asian operator are striving
 - AS10091, StarHub Cable Vision, Singapore, 52.75%
 - AS4877, TMNET, Malaysia, 17%

Observation

- IPv6 deployment is increasing steadily
 - But varies among regions, economies, and individual ASNs
 - Not happening simultaneously across stakeholders
 - Need to provide continuous support to the industry
- IoT driving new interest in IPv6 based solutions
 - Comms Alliance Recommendation 8 (of 12):
Encourage use of IPv6 by default on all platforms, including Government and Internet Service Providers (ISPs).

http://www.commsalliance.com.au/__data/assets/pdf_file/0009/50967/Enabling-the-Internet-of-Things-for-Australia.pdf

Keep supporting the AP community

- To support the community's effort in adopting IPv6
 - Keep our collaboration with IPv6 Readiness Measurement BoF (lead by TWNIC)
 - Sharing IPv6 deployment stories
 - Sharing IPv6 deployment measurement
- Meeting @APRICOT2016/APNIC41
 - Co-hosting with IPv6 Readiness Measurement BoF

24th Feb 2016 (Wed) 16:00 – 19:30

Thank you!

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Prepared with the assistance of
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