



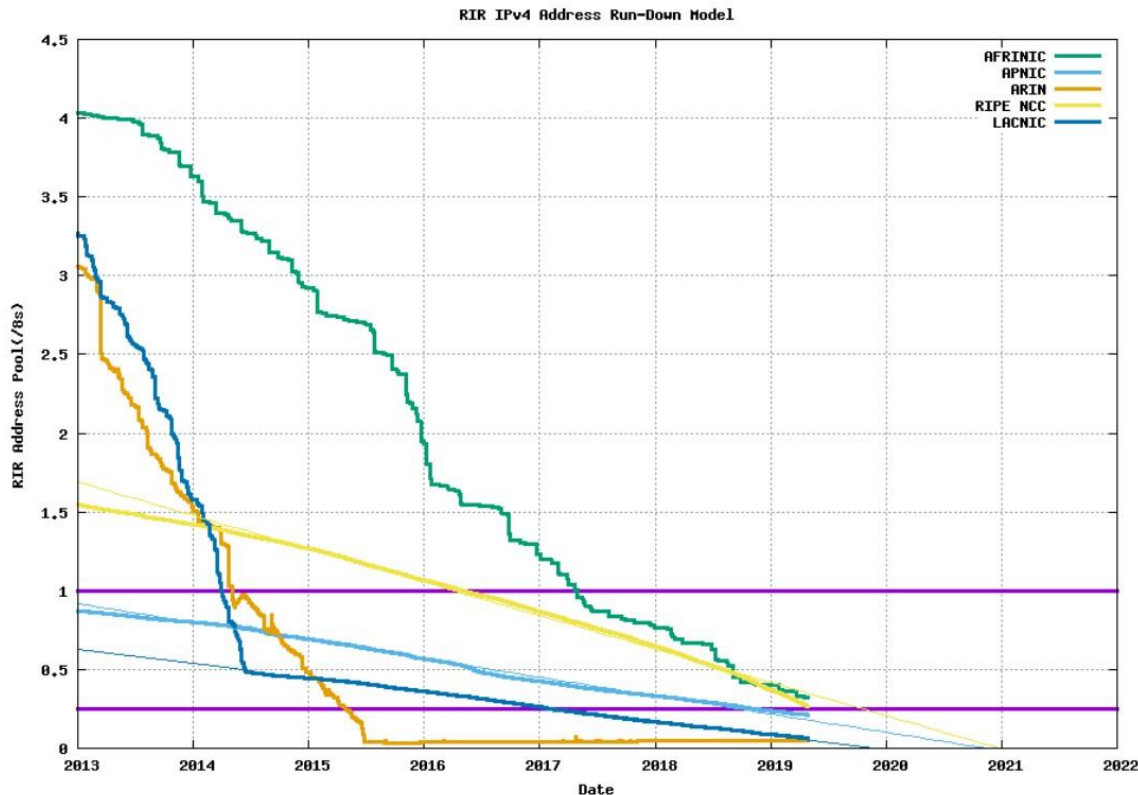
GLOBAL IPV4 RUNOUT

ANNUAL MEETING 2019



AS CHARTED BY APNIC

What about IPv4 Address Exhaustion?



RIR Address Pool runout projections (as of April 2019):

- ARIN – no free pool left
- AFRINIC – May 2020
- LACNIC – November 2019
- APNIC – November 2020
- RIPE NCC – ~~January 2020~~**

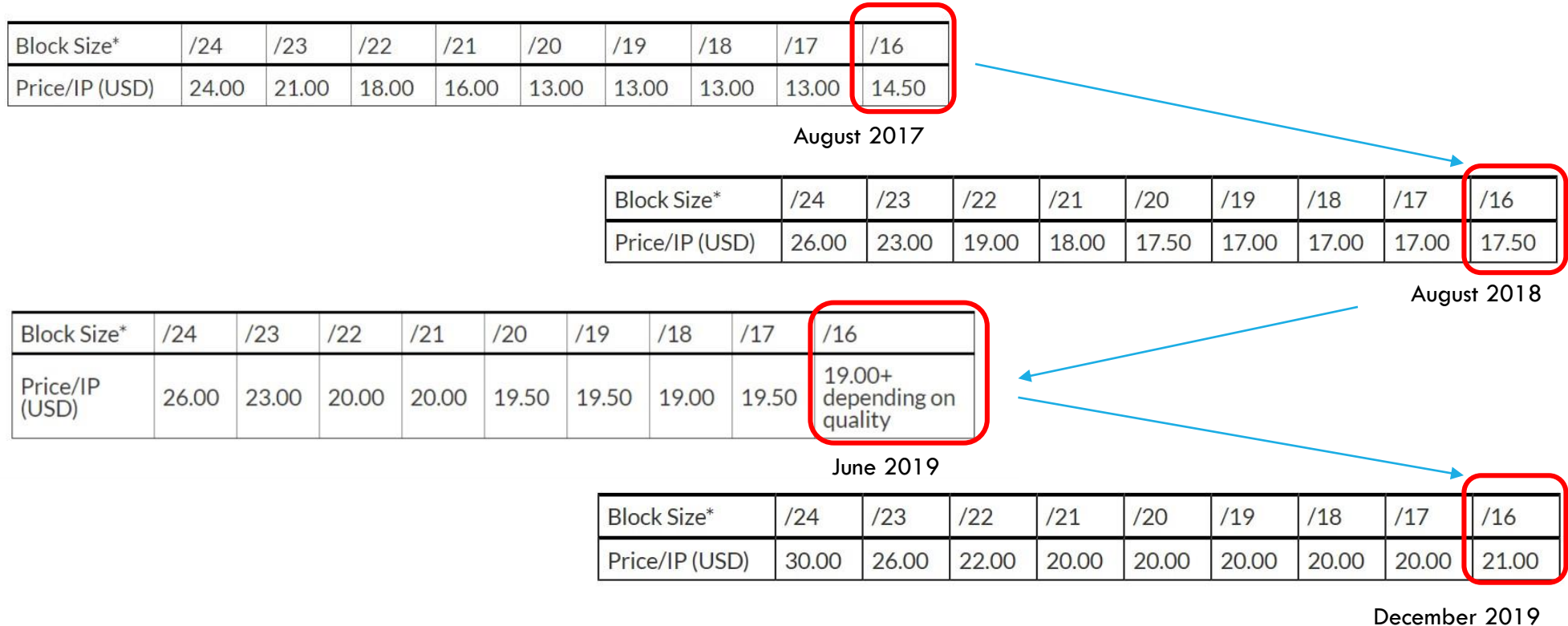
25th November 2019*

2020 NOT GOOD FOR IPV4

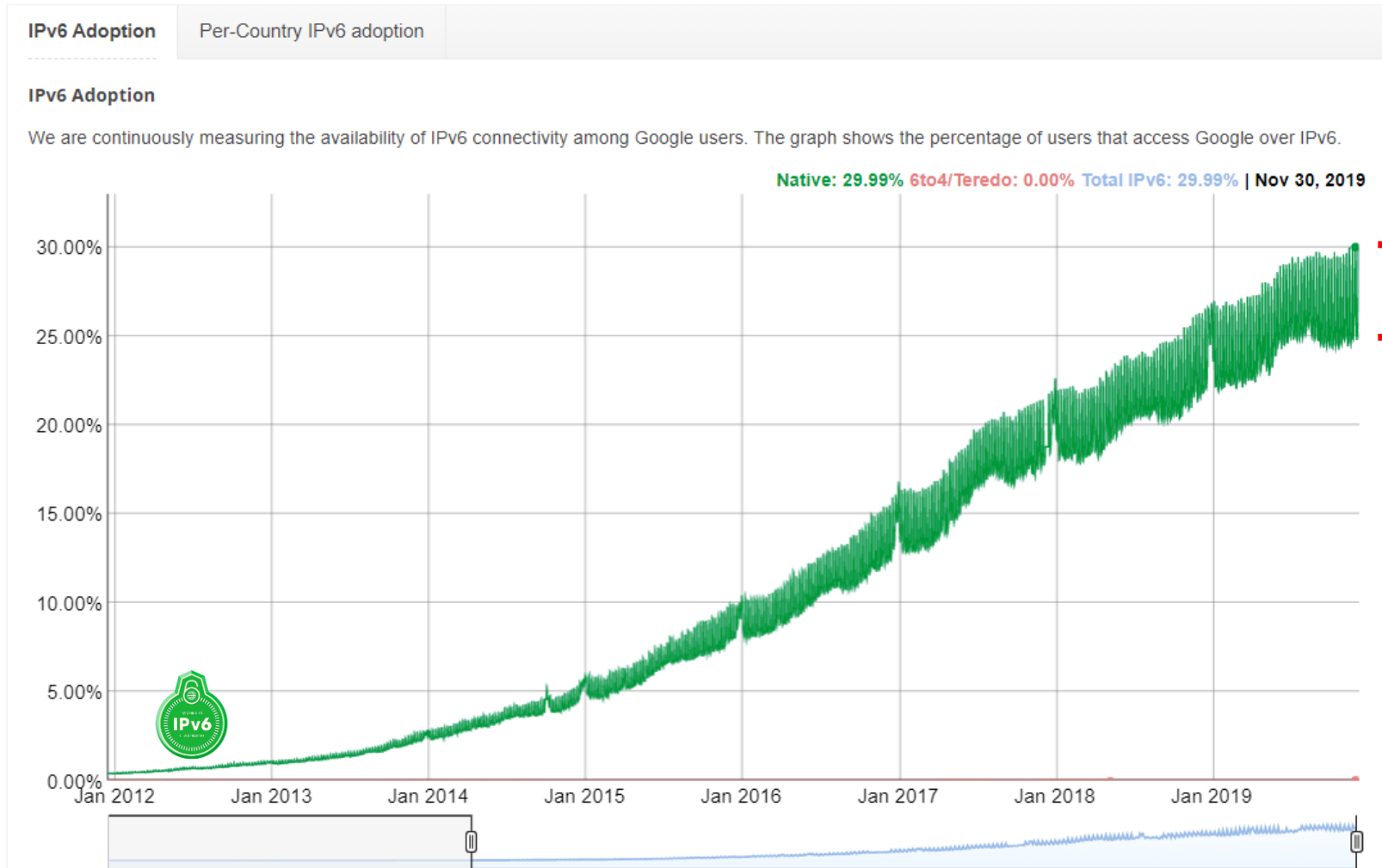


IPV4 PRICE IS GROWING

Starting price at \$6.99/IPv4 (for /16) in early 2015 (pre-Arin exhaustion)



GLOBAL IPV6 ADOPTION



WORLD IS ENABLING IPV6

Internet access
changing to
IPv6-only



Reports of
speed benefit
of IPv6 = \$\$\$



Renewed
Government
requirements



Industry
pressure



UK IPV6 ADOPTION LEVEL

- Different sources of measurement
 - Google – 24.6% (in December 2019 – 21.9%)
 - Facebook – 33.48%
 - Akamai – 29.5%
 - APNIC measurements – not available (on 9th December 2019)

LOOKING BACK AT 2019

- The **mission** of the Council:
 - Create a platform for discussion and sharing of information (for free!)
- We have grown to **647** members (our [LinkedIn group](#))
- **1 Round-table discussion**
 - April 2019 (Jisc, Manchester)
 - 10 attendees
- **Cloud & IPv6 workshop**
 - September 2019
 - ~ 35 attendees
 - Hosted by Imperial College London
- Our [website](#) hosted on IPv6-only (for free) by [Mythic Beasts!](#)



THANK YOU, Pete Stevens!!

♥ IPv6