

World IPv6 Day

Andy Davidson (Hurricane Electric)

Tim Chown (University of Southampton)

Emile Aben (RIPE NCC)

David Freedman (Claranet)

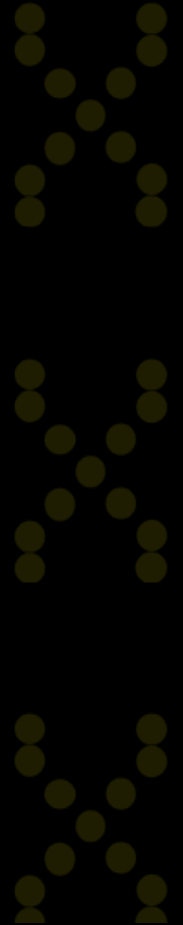
James Blessing (Limelight Networks)

Since UKNOF18....

A depletion update...

We surveyed six key registries to ask how much IPv4
they had left...

1
2
3
4
5
6



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they had left...

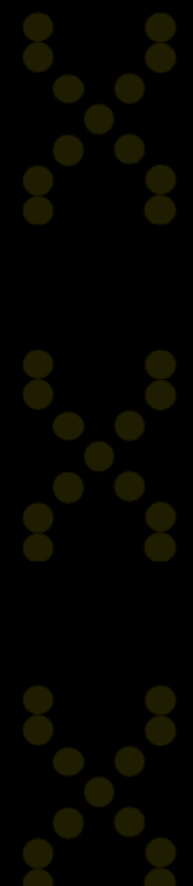
1	
2	LACNIC
3	
4	AFRINIC
5	ARIN
6	RIPENCC

23







19

19

12



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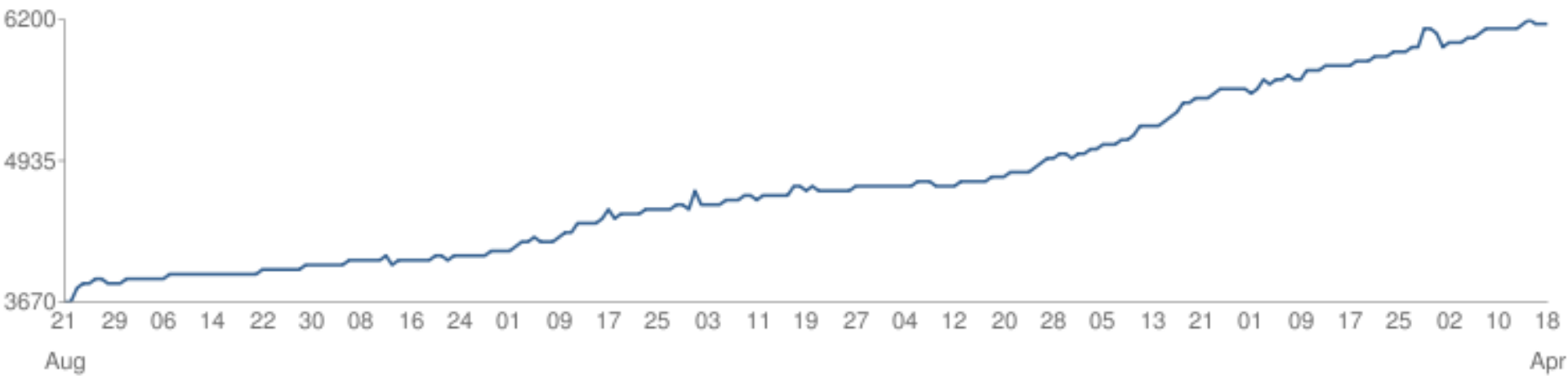
1			
2	LACNIC	23	
3			
4	AFRINIC	19	
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6	RIPENCC	12	

IANA AND APNIC EMPTY

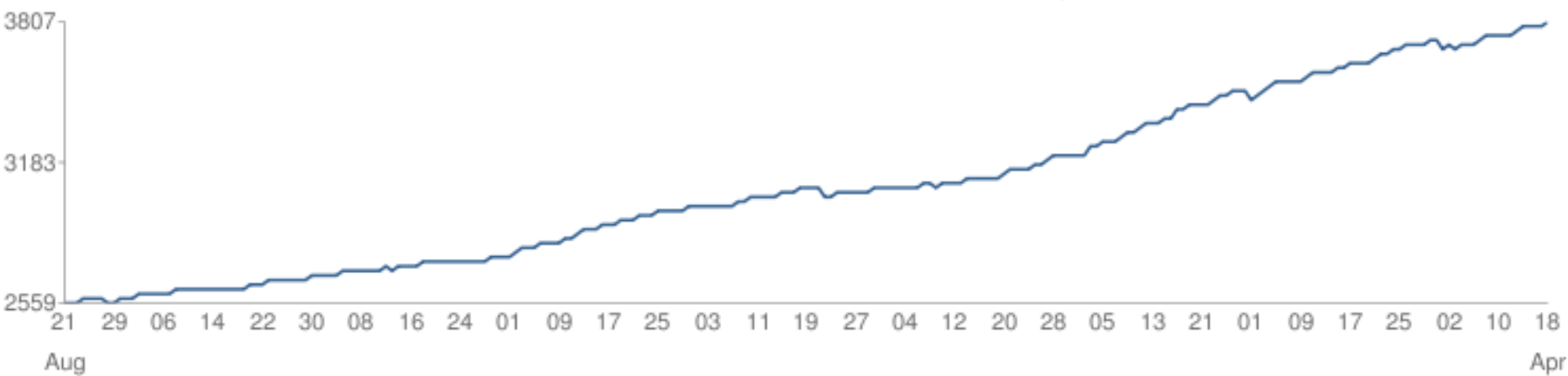
Since UKNOF18....

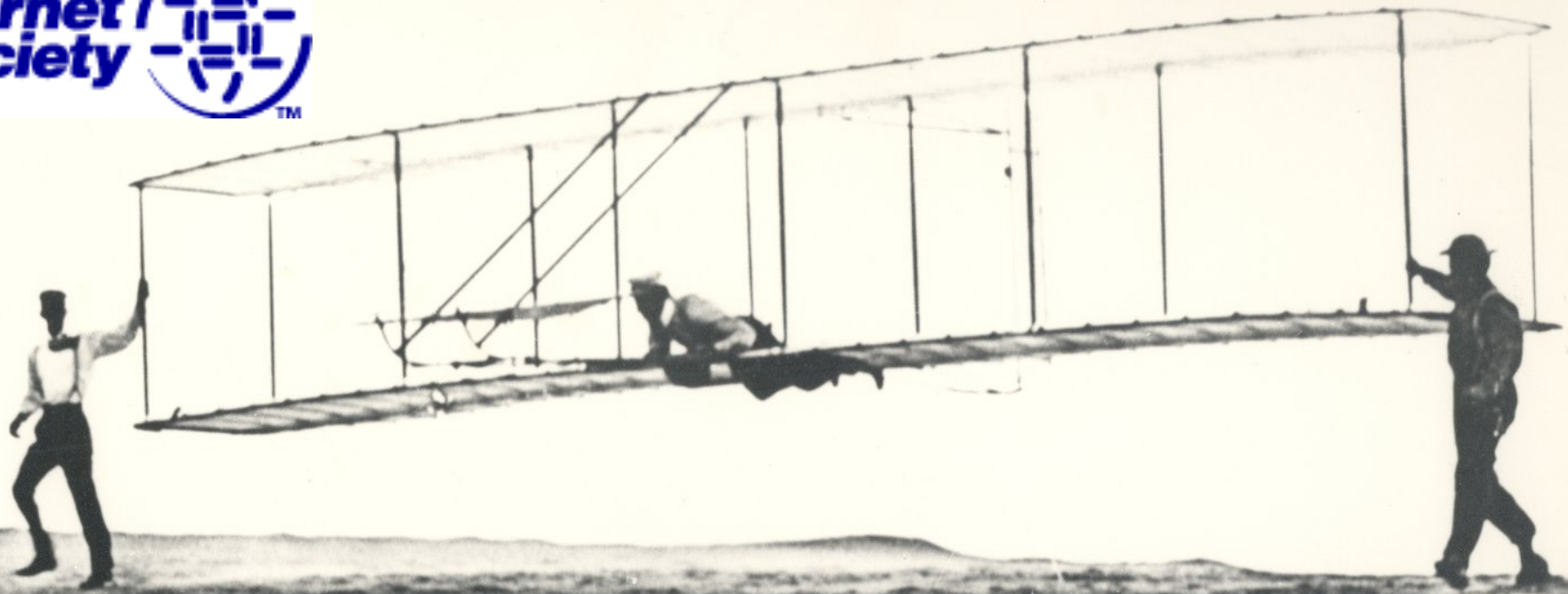
An adoption update...

IPv6 Prefixes Originated (240 Days)



ASN's with IPv6 Announcements (240 Days)





Test Flight

June 8th 2011 - World IPv6 Day

Commitment to Publish AAAA for 24 hours

Facebook

Akamai

Limelight

FACE = = B00C

Yahoo

Cisco

Google

Mozilla

<http://isoc.org/wp/worldipv6day/participants/>

ISPs: Please do what you **normally do** on June 8th

Ideally, this would be ^{dual stack}
dual stack

But *please* don't turn v6 on, then off again.

Test your IPv6 connectivity.

Summary

Tests Run

Technical Info

Share Results / Contact



Your IPv4 address on the public internet appears to be 91.194.69.15



Your IPv6 address on the public internet appears to be 2001:8b0:fb49:1:225:ff:fe3d:3712



[World IPv6 day](#) is June 8th, 2011. **No problems are anticipated for you** with this browser, at this location. [\[more info\]](#)



Congratulations! You appear to have both IPv4 and IPv6 internet working. If a publisher publishes to IPv6, your browser will connect using IPv6. Your browser prefers IPv6 over IPv4 when given the choice (this is the expected outcome).



Your DNS server (possibly run by your ISP) appears to have IPv6 internet access.

Your readiness scores

10/10

for your IPv4 stability and readiness, when publishers offer both IPv4 and IPv6

10/10

for your IPv6 stability and readiness, when publishers are forced to go IPv6 only

Click to see [test data](#)

(Updated server side IPv6 readiness stats)

Ultimate Aim

- **Dual Stack** Internet (A & AAAA)
- Measurements
- Confidence
- Experience

Opinions on World IPv6 Day

- Business as Usual, or an opportunity ?
Tim Chown – University of Southampton
- Measuring IPv6
Emile Aben – RIPE NCC
- IPv6 Day for Access Networks
David Freedman – Claranet
- IPv6 Day for Content Networks
James Blessing – Limelight Networks
- Then questions from the floor – get thinking!