

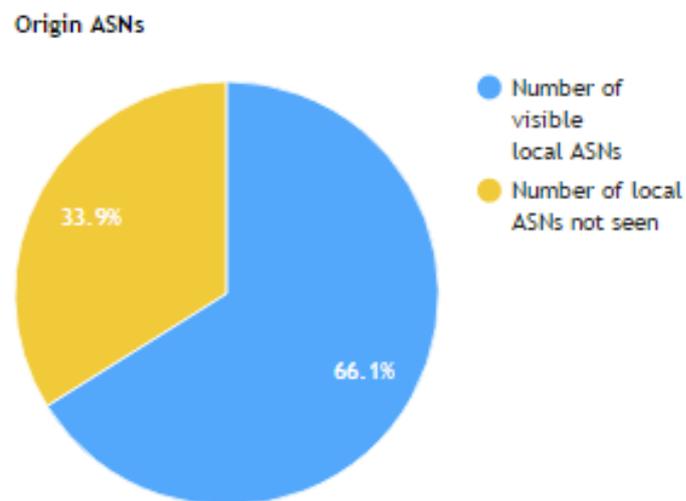
# Af-IX

## Best practices

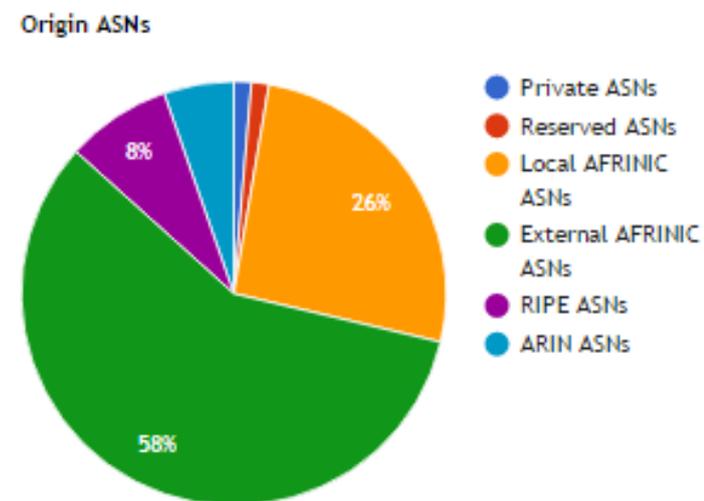
# ARDA

- African Route-collectors Data Analyzer
- [arda.af-ix.net](http://arda.af-ix.net)
  - Data from PCH route collectors
  - Good to get data sources into PCH
- Keeps historic data
- Graphs history

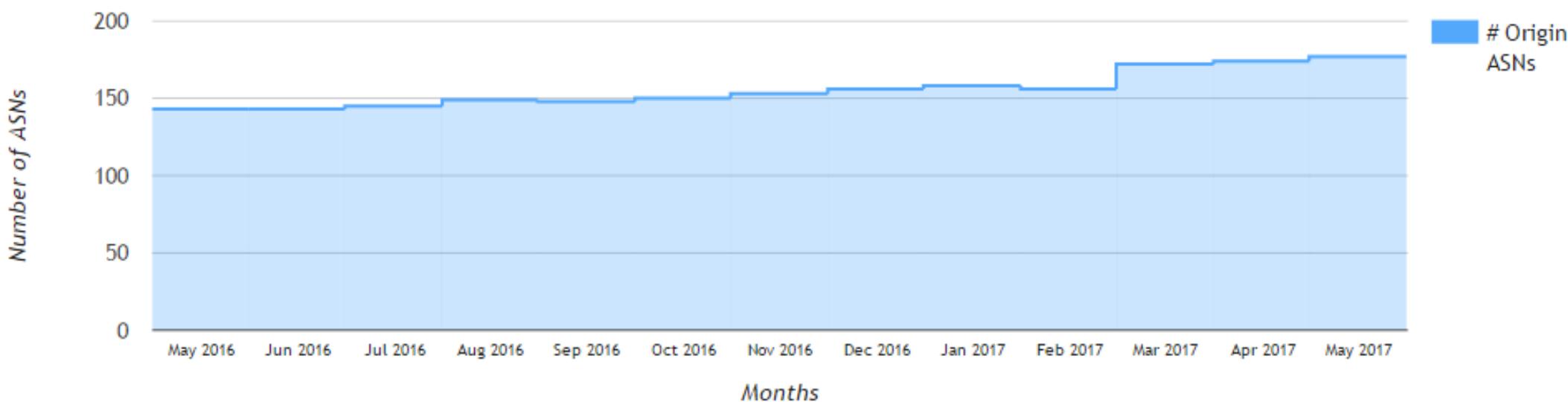
Percentage of ASNs allocated to TZ visible or not at TIX  
As Origin ASNs over the last month



Percentage of ASNs assigned by each RIR visible at TIX  
As Origin ASNs over the last month



Number of visible ASNs at TIX  
Per month over the last year



# ARDA

- RS without AS prepending
  - PCH RC gets route with peer as neighbor
    - Not IXP RS ASN
    - PCH & ARDA will count this as direct peer
- Unbalanced announcements
  - Prefixes announced
  - Seen globally and not on IXP or vice versa

# Route server

- Bird software, multiple RIBs,
  - Peer O (preferred) does not want to advertise to Peer D
  - another route available (from an upstream of Peer O), should be allowed to be advertised to Peer D
- Makes Policy work – when limiting

[https://gitlab.labs.nic.cz/labs/bird/wikis/Route\\_server\\_with\\_community\\_based\\_filtering\\_and\\_multiple\\_RIBs](https://gitlab.labs.nic.cz/labs/bird/wikis/Route_server_with_community_based_filtering_and_multiple_RIBs)

# Mixing speed

- Reduce buffering

# IPv6

- Get addresses
- Assign to peers
  - How?
- Get them to not send RA
- Profit! ;-)
- How to measure IPv6 traffic?

# High MTU

- Default: 1500
- Why not?