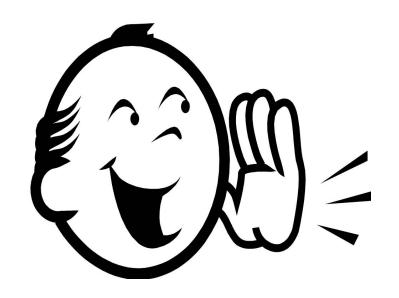
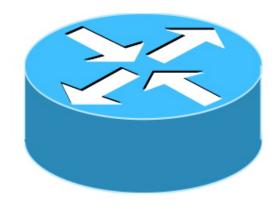
## Yarrp'ing the IPv6 Internet





Eric Gaston Robert Beverly



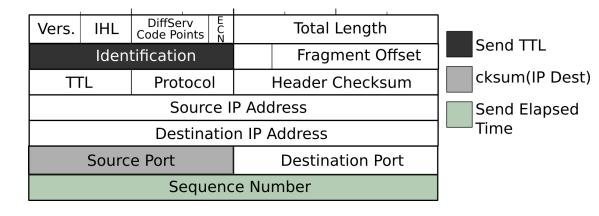
IMC WIP November 14, 2016

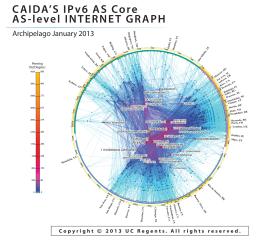
## What is Yarrp?

- A new stateless traceroute technique allowing for scanning at 100K pps speeds
- Reconstructs traces from data encoded in IP and TCP headers
- Presentation on Yarrp being given on Wednesday
- Currently only supports IPv4

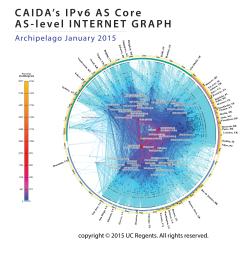
http://www.cmand.org/yarrp/







## Yarrp6



- Largest probe to date probed ~406 million prefixes
- Scan took 3 months to complete
- Current routing table contains ~536 million prefixes
- We estimate that Yarrp6 can complete this scan in under 48 hours.

