Happy Eyeballs
draft-ietf-v6ops-happy-eyeballs-03

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Happy Eyeballs

Happy Eyeballs Overview

- IPv6 is sometimes broken
- Existing applications take ~20 seconds to try next IP address

- Happy Eyeballs: "try faster"

Reaching Consensus

- Removed algorithm from I-D
- Now just lists **requirements**

- Existing Chrome and Firefox Implementations are compliant
- More advanced algorithms are likely to be compliant

Requirements

1. Follow Host's Address Preference Policy
2. If IPv6 fails, try IPv4
   1. We do **not** race IPv4 against IPv6
3. If stateful algorithm, reset when connecting to new network
4. Abandon non-winning connections