

On going projects related to multicast at TU Berlin

IETF114 - MBONED

Max Franke

Add IPv6 support to VLC AMT implementation

Nicolas Zunker

- Goal is to have both tunneling and native support
 - So IPv4 in IPv6, IPv6 in IPv4, IPv6 in IPv6
- Should be finished in the coming weeks
 - We will see about pushing it upstream to VLC afterwards
- Will be soon looking for real world deployment
 - If someone has an IPv6 capable relay deployed/ could deploy one please let me know

Graceful failover for AMT

Martin Baschin

- Add L-Flag to AMT relays to enable graceful failover
- Relay sets L-Flag if it knows it will soon be shutdown
- Allows Gateways to start discovery for a new relay before shutdown to prevent interruptions
- Bachelor thesis, implementation part should be done in a month or so
 - Will include measurements on how well this performs

Multicast menu update

Todor Moskov

- As shown by Lauren
- Interesting new research question: What is a good ranking algorithm for multicast streams?
 - We don't have concurrent viewership like e.g. Twitch
 - Streams might be long lived so likes not necessarily a good indicator of current relevance
 - Currently using cache replacement policy

Other topics for future projects

- Apt-get distribution with multicast

More ideas/ topics?

- A lot of student applications for theses
- If you have any ideas for concrete topics similar in scope to the ones shown send me an email (mfranke@inet.tu-berlin.de)