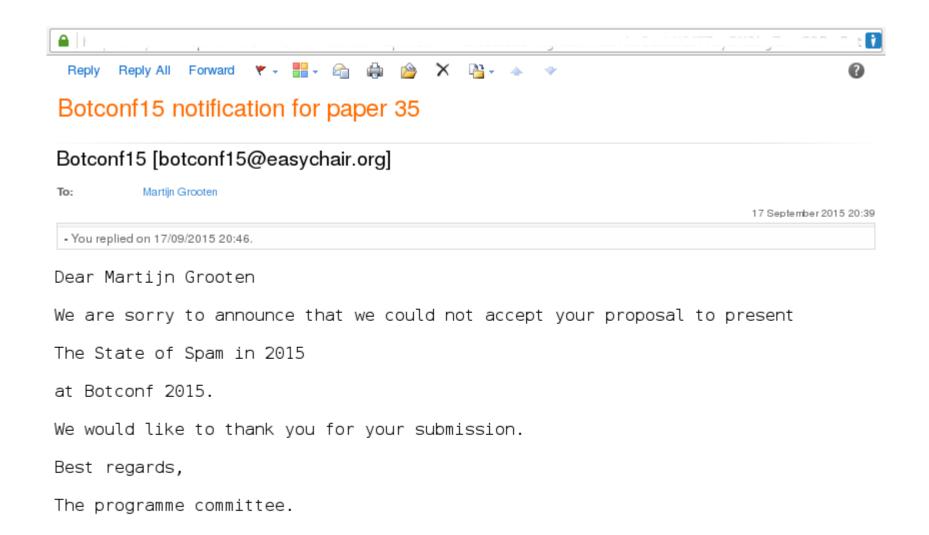
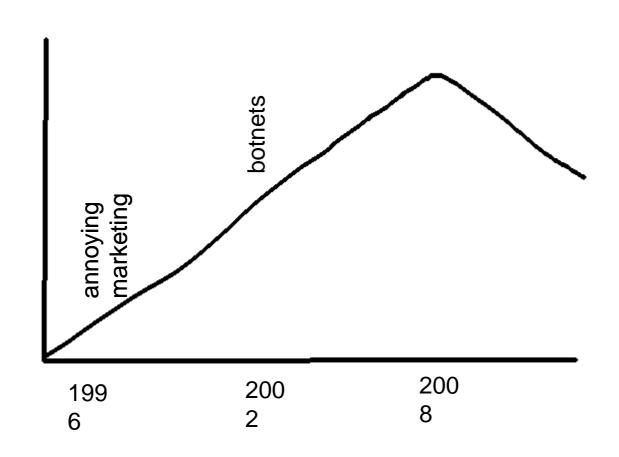
### The State of Spam in 2015

Martijn Grooten, Virus Bulletin @martijn\_grooten

### So, this happened



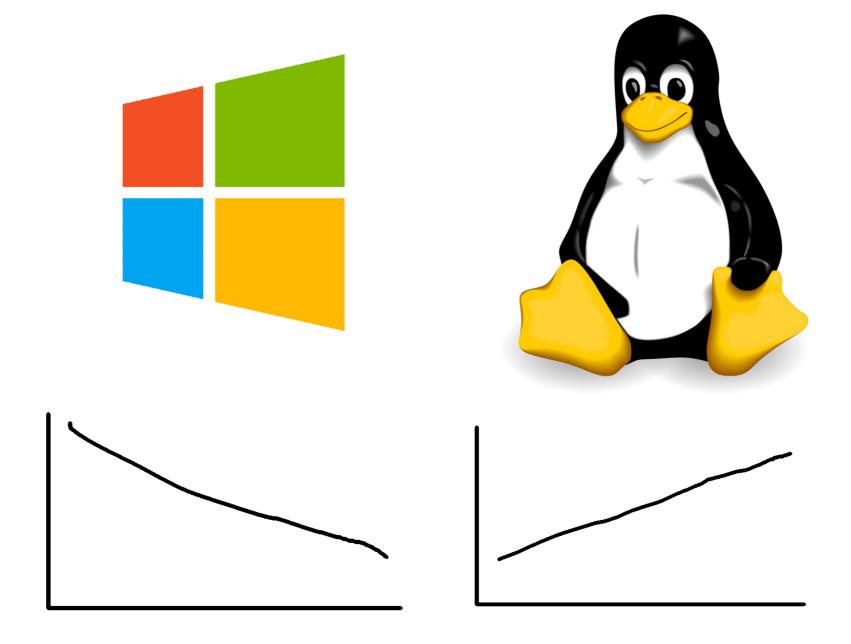
# A brief history of spam



#### What happened?

- Takedowns and disruptions
- Spam is noisy
- "We can do far better worse things with our botnets"

# Less Bill, more Tux



# Sending email: it scales badly

- Spam filters and DNS blacklists detect large email campaigns
- SPF, DKIM, DMARC to take responsibility for what you're sending
- "To not get your emails blocked, you need to make it easy for your emails to get blocked."

#### Conclusion

- Spam is still a problem, but we're dealing with it very well
- The biggest threat to email isn't spam; it's the lack of encryption/privacy.