

# Transparency gossip

Linus Nordberg, NORDUnet  
linus@nordu.net 0x23291265

IETF91, Honolulu

# gossiping split up in 4 pieces

- ▶ transparency gossip – generic message format and processing rules
- ▶ https transport – defining HTTP headers
- ▶ gossiping in ct – choosing transport and what to gossip
- ▶ strategy and policy not described at all

# transparency gossip

- ▶ <https://datatracker.ietf.org/doc/draft-linus-trans-gossip/>
- ▶ gossip service and its two types of clients; peers and transports
- ▶ gossip service protocol used by peers and transports

# https transport

- ▶ `https://datatracker.ietf.org/doc/draft-linus-trans-gossip-transport-https/`
- ▶ two new HTTP headers; TransGossip, TransGossipEnabled
- ▶ format for messages going in TransGossip headers

# gossiping in ct

- ▶ `https://datatracker.ietf.org/doc/draft-linus-trans-gossip-ct/`
- ▶ STH's should be gossiped widely
- ▶ SCT's may be sent to origin web server
- ▶ use HTTPS transport to talk to web servers

# short term for CT

- ▶ draft-linus-trans-gossip-ct
- ▶ draft-linus-trans-gossip-transport-https
- ▶ strategy; exactly which messages tls clients send and how web servers treat them

# forward

- ▶ keep the documents split?
- ▶ produce text on strategy and policy in an informational doc?