

# Keep-Alive

[draft-thomson-hybi-http-timeout-01](#)

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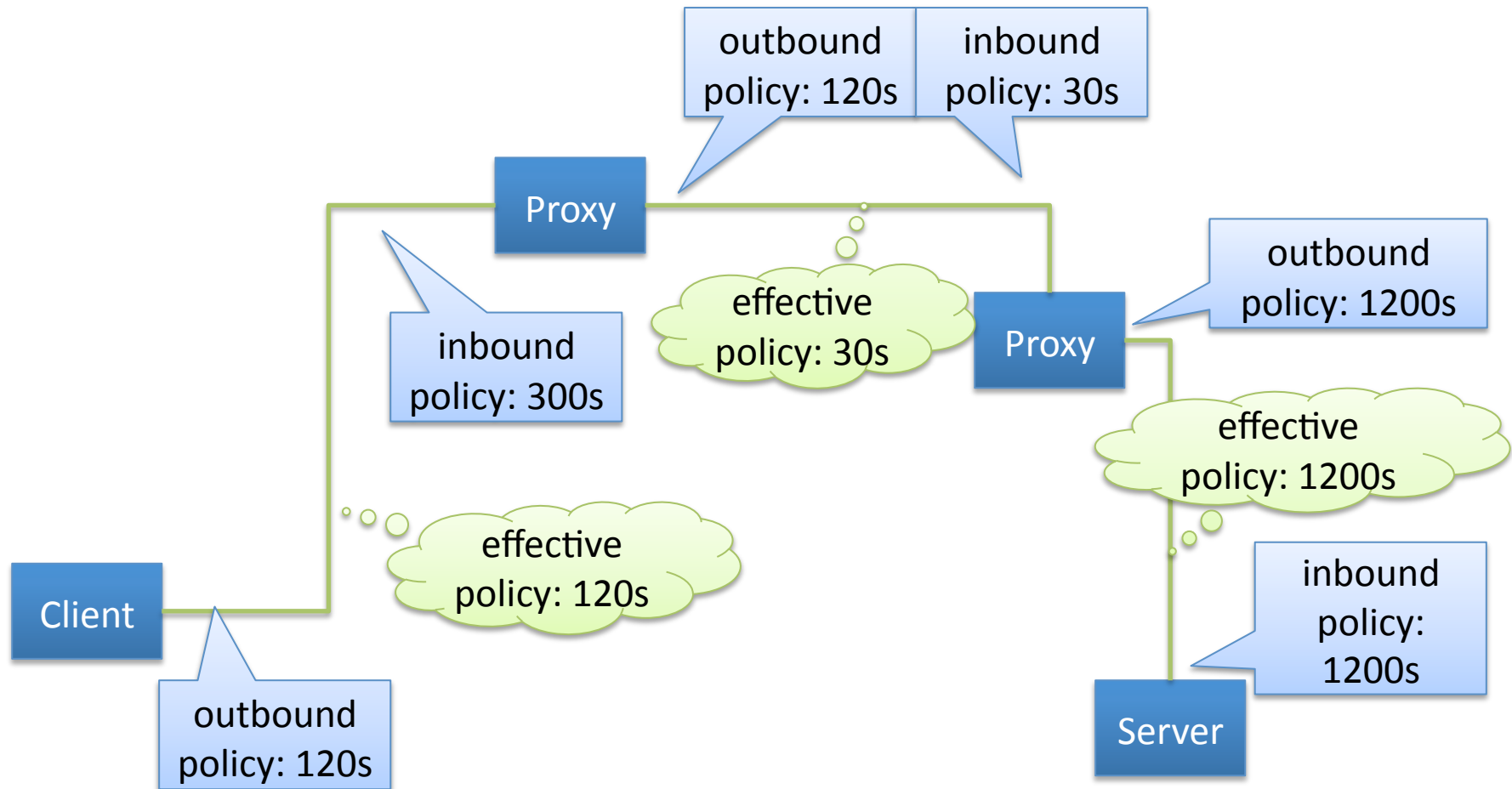
# What happened

- Per-request timeouts are now a preference:
  - Request-Timeout: 10  $\Rightarrow$  Prefer: wait=10
  - See: [draft-snell-http-prefer](#)
- Keep-Alive is back from the dead
  - Connection-Timeout: 10  $\Rightarrow$  Keep-Alive: timeout=10

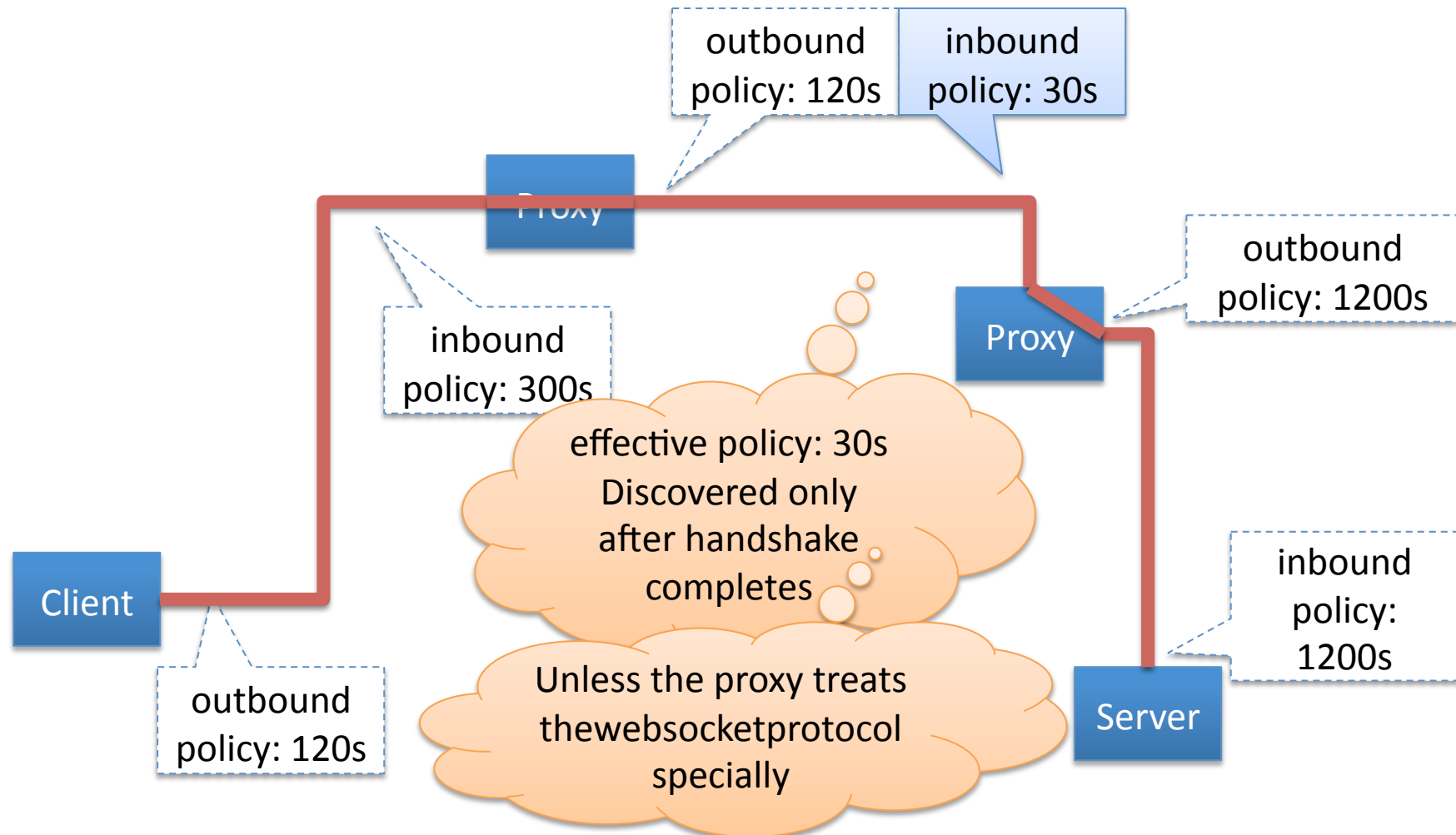
# thewebsocketprotocol interaction

- Keep-Alive is hop-by-hop
  - Timeout values can differ on each hop
- Thewebsocketprotocol is end-to-end
  - ...ish
  - Where it is end-to-end, intermediaries need to pass their policies on persistent connection lifetime right down the pipe

# Hop-by-hop



# thewebsocketprotocol



# Keep 'max' Alive ?

- Only other documented (and implemented: Apache) Keep-Alive parameter is 'max'
- Tracks the maximum total number of requests on a single persistent connection
- Suggested outcome: 'max' is counterproductive and should be removed