

# draft-duke-quic-load- balancers-01

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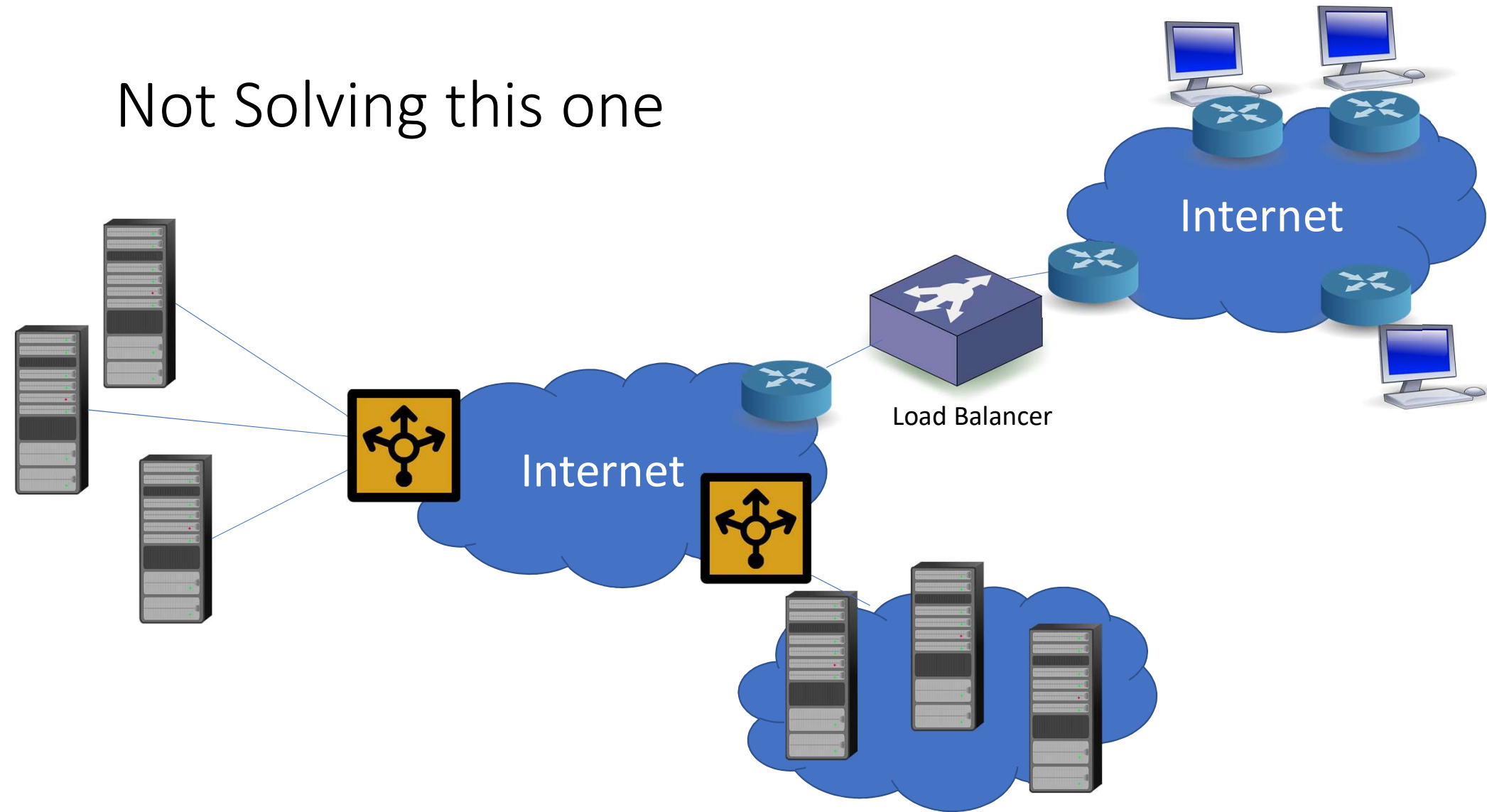
# Hardest Problem We're Solving



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Not Solving this one



# Principles

- Simple
- Secure
- Robust to Middleboxes

# Decision Point: DTLS or QUIC?

- QUIC
  - Middleboxes more likely to allow this traffic
  - Servers definitely can handle it
  - No custom reliability mechanism needed
  - Can bundle this with a QUIC monitor
  - Servers can multiplex on SNI rather than protocol type
- DTLS
  - DTLS APIs are readily available for load balancers
  - Servers may be stuck with old QUIC versions
  - More lightweight than QUIC

# Other Issues

- Redirection?
  - Get CIDs for specific servers
  - Get CIDs for any other server