

HTTP Proxy-Status Parameter for Next-Hop Aliases

draft-ietf-httpbis-alias-proxy-status

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HTTPBIS

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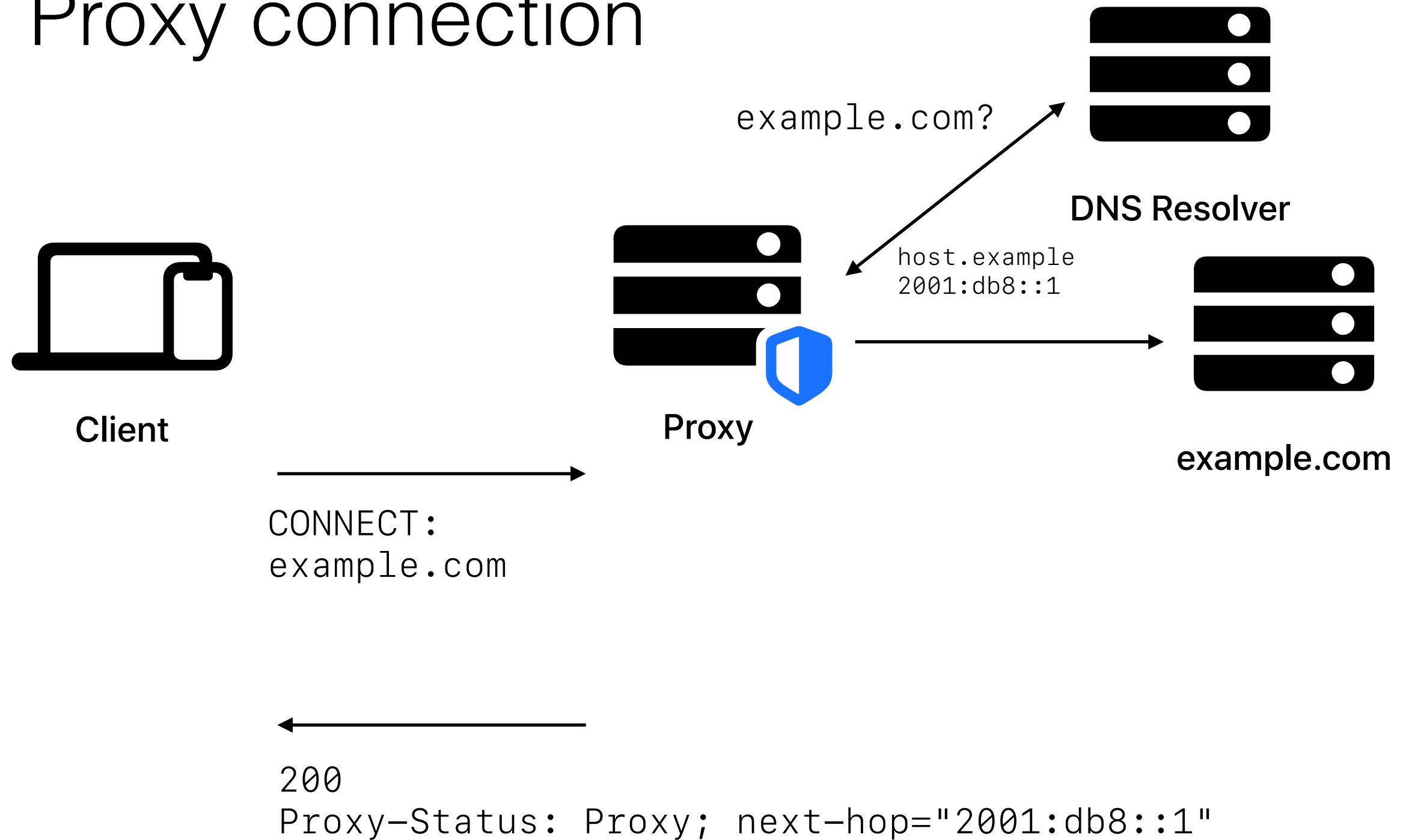
Why next hop aliases?

Proxy status already communicates next hop info

Currently, just a single item (name, alias, or IP address)

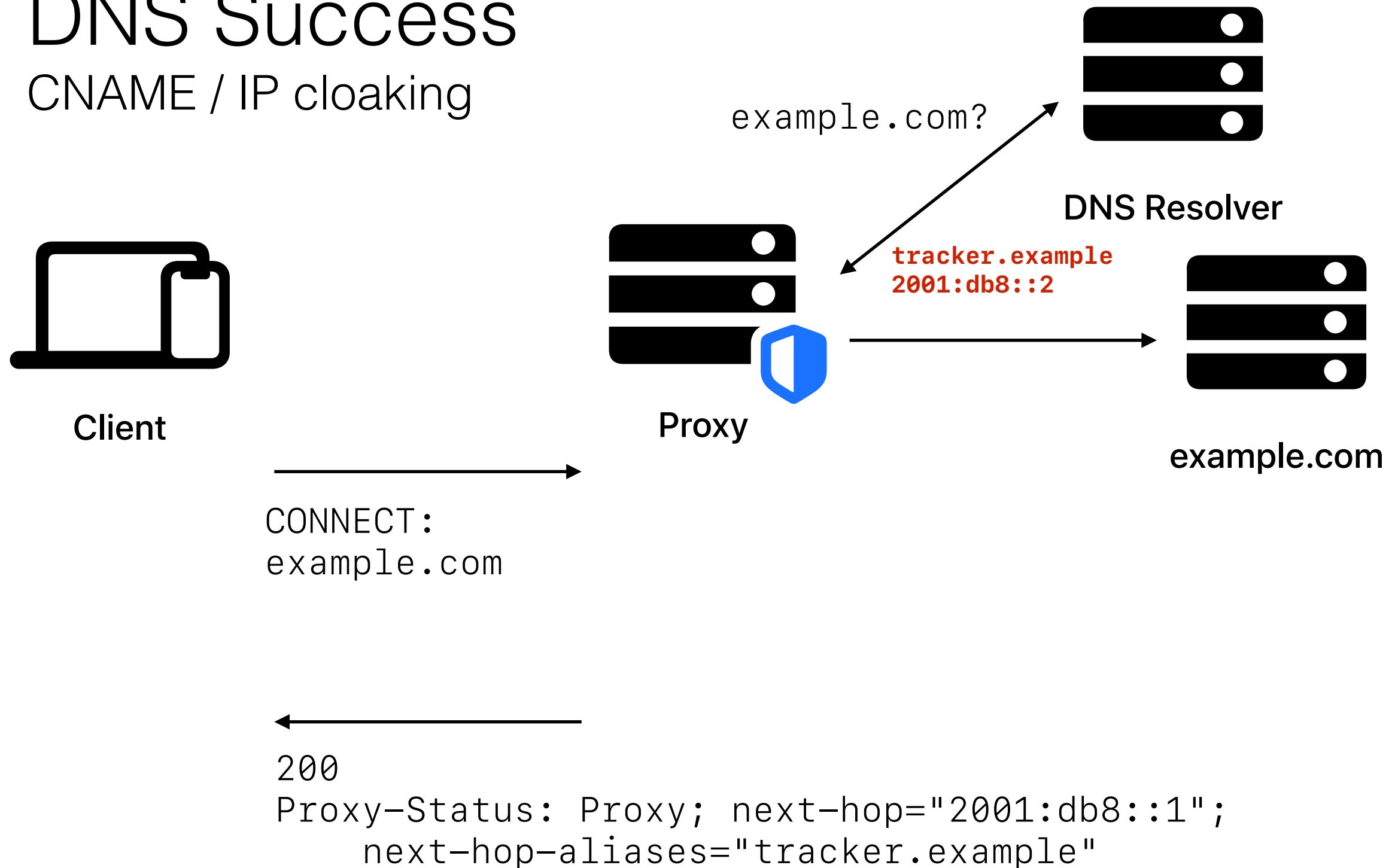
Detecting when a proxy connection has resolved to a known tracker, etc, via CNAME cloaking is useful for clients

Proxy connection



DNS Success

CNAME / IP cloaking



Parameter definition

next-hop-aliases

Structure field string

Comma-separated list of alias and canonical names from CNAME records

Percent-encoding escaping (for rare cases)

May contain the empty string to indicate no CNAME records

Open (editorial) issues

#2476 Add reference to structured fields

#2358 Refer to AI_CANONNAME

AI_CANONNAME *does not* give you the results needed for the full chain, so this is more of a cautionary reference

Next steps

Any other changes?

WGLC after next revision?