One Tweak to QUIC-LB

Martin Duke 25 July 2023 San Francisco IETF 117

First Octet





1 2

Config can roll out in any order, as long as everyone gets it before the next one begins

The Change (PR #216)

```
First Octet { 3 Config Rotation (2), 5 CID Len or Random Bits (3), }
```

Why?

People who actually run big deployments say they can't guarantee everyone gets the config before the next one rolls out

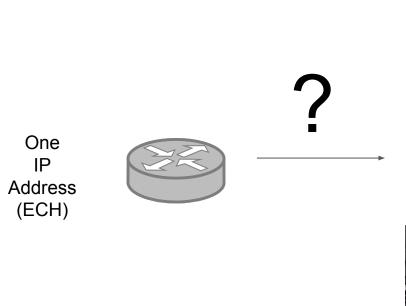
Why Not? Two (very minor) problems

- Length self-encoding limited to 32 bytes, not 64
- An attractive nuisance

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Customer B



Customer C

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- Length self-encoding limited to 32 bytes, not 64
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Customer A

Config 0







Customer B

Config 2



Customer C

Config 4

Comments?