One Tweak to QUIC-LB

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First Octet

First Octet {
Config Rotation (2),
CID Len or Random Bits (6),
}

4 codepoints:
1 reserved for unroutable CIDs
3 for config (key) rotation

0
1
2
2 0 (new)

Config can roll out in any order, as long as everyone gets it before the next one begins
The Change (PR #216)

First Octet {
    Config Rotation (2),
    CID Len or Random Bits (0),
}
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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Comments?