

# Port Control Protocol

## draft-ietf-pcp-base-17

Dan Wing, Stuart Cheshire, Mohamed Boucadair,  
Reinaldo Penno, Paul Selkirk

Dan Wing  
dwing@cisco.com

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# WGLC Summary

- WGLC against -16
- Many comments
- Significant change: PCP Rapid Recovery in -17
  - Stuart has separate presentation

# Try forever

- -17 says retry PCP operation forever
- -18 will say: try PCP forever while you still care
  - i.e., while still running server, keep trying PCP

# Unprocessed options

- Currently error/success are different
  - Error: payload simply copied
  - Success: unprocessed options indicated with UNPROCESSED option
- Proposal for -18:
  - Error: payload simply copied (same as -16)
  - Success: processed options included in response, unprocessed options removed from response
  - This removes the UNPROCESSED option

# Clock Drift

- Drifting clocks in PCP client and PCP server
- Text changed between -16 and -17, on amount of allowed drift
- Stuart will to add text to -18 justifying clock drift based on NTP
  - Stuart has detail

# “Implicit” and “Explicit”

- Intent: use dictionary sense of “implicit” and “explicit”
- Well captured in -17

# PEER Delete a Mapping

- Changes exist between -16 and -17
- Outgoing TCP or UDP traffic has a minimum lifetime
  - E.g., 30 seconds
  - Sometimes lengthened based on bi-directional traffic
  - Already in -17 for MAP, if an implicit mapping already exists
- Proposal for -18:
  - PEER cannot shorten lifetime below its minimum lifetime

# Other Diffs, -16 to -17

- `CANNOT_PROVIDE_EXTERNAL_PORT`
- Cleaned up `ADDRESS_MISMATCH` text
- Dropped detail on DS-Lite
  - Move to draft-dupont-pcp-dslite
- Corrected to use `NO_RESOURCE` for MAP
- Re-ordered MAP processing slightly



Thank you