DHCP Options for the Port Control Protocol (PCP)

draft-ietf-pcp-dhcp
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Changes Since -00

- **-01 (November 2011)**: Integrate all comments received from B. Voltz and T. Lemon
  - Remove sub-options
  - Remove Sections 5.3 and Section 6.2
  - Harmonize terminology: use DHCPv4 instead of IPv4 DHCP
  - Remove the reference to RFC3396

- **-02 (January 2012)**: Integrate comments received from D. Thaler
  - Use “Name” instead of FQDN
  - Add a paragraph about multi-interface issues
  - Add a procedure to select an IP address of the PCP Server
  - Some edits
Next Step

• Ask for a WGLC
IP Address Selection: Rationale

• Two modes are defined
  – Serial Queries Mode: only one server is contacted
  – Parallel Queries Mode: All servers are contacted in parallel

• More than one PCP Server Name occurrence may be returned by the DHCP Server
  – If one Name instance is received, the PCP client follows the Serial Queries Mode
  – If several Name instances are received
    • The PCP Client contacts in parallel all PCP Servers
    • For each PCP Name option occurrence, the PCP Client resolves the conveyed name; if more than one IP address are returned, the PCP Client follows the Serial Queries Mode