Proxy Mobile IPv6 Extensions to Support Flow Mobility

draft-ietf-netext-pmipv6-flowmob-03

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Overview of the draft

• Describes enhancements to the PMIPv6 required to support network based flow mobility over multiple physical interfaces

• Assumes that the mobile node implements the logical interface model (draft-ietf-netextend-logical-interface-support)
  • MN capable of supporting traffic flows on different physical interfaces regardless of the assigned prefixes on those physical interfaces
Changes from -02

• A new Handoff Indicator (HI) value ("Attachment over a new interface sharing prefixes") is defined
  • Allowing the MAG indicate to the LMA that the same set of prefixes should be assigned to the mobile node

• Some minor changes (cleanup) on the messages format
  • Lifetime=0 is used instead of flag “C” (cancel) to indicate the removal of mobility of a flow in FMI/FMA
  • No need for refresh flag “R”
Changes from -02

- Added new text in the Security Considerations section
- Normative text revised
- Editorial changes and fixes
Next steps

- Document ready for WGLC?