

# Sunset4 WG

IETF 86

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**I E T F**

# IPR

- Remember your obligation to disclose any IPR of which you are aware
- The new draft submission write up requires that each author “confirm” that “any and all appropriate IPR disclosures required for full conformance with the provisions of BCP 78 and BCP 79 have already been filed.”
- Expect to be asked. Answer as promptly as you can.

# Administrivia

- Blue Sheet: please sign. This helps get us a properly- sized room and timeslot.
- Call for volunteers for scribing on the etherpad, jabber
- Meeting notes (Etherpad):
  - <http://tools.ietf.org/wg/sunset4/minutes>
- WG charter:
  - <http://datatracker.ietf.org/wg/sunset4/charter/>
- Mailing list: [sunset4@ietf.org](mailto:sunset4@ietf.org)
- Jabber room: [sunset4@jabber.ietf.org](jabber:ietf.org/sunset4)

# Agenda for Bashing

- Chairs' update
- Simon Perreault, Sunset 4 Gap Analysis
  - draft-ietf-sunset4-gapanalysis
- Turning off IPv4 Using DHCPv6
  - draft-perreault-sunset4-noipv4
- Wei Meng, IPv4-IPv6 Multicast Address Conversion
  - draft-caosunset4-v4v6-mcast-addr-conversion
- Gang Chen, Analysis of NAT64 Port Allocation Method
  - draft-chen-sunset4-cgn-port-allocation
- Hiroaki Hazeyama or Ruri Hiromi, A workaround for termination of IPv4 network services
  - draft-hiromi-sunset4-termination-ipv4

# Chairs' Update

- New Charter is (finally) approved
- Milestones:
  - Mar 2013 Submit gap analysis on IPv4 sunsetting to IESG for consideration as an Informational RFC
    - WG draft in progress
  - Jul 2013 Submit NAT64 port allocation and address sharing methods to IESG for consideration as an Informational RFC
    - Individual draft exists
  - Sep 2013 Submit provisioning methods to signal a dual-stack host to disable the use of IPv4 to IESG for consideration as Proposed Standard
    - Individual draft exists

# Chairs' Update

Interaction between Sunset4 and DHC, (and maybe Softwire)

- Potential for overlapping changes in DHCP to address Dual-stack networks + v4/v6 preference or disabling IPv4
  - SP may have some combination of
    - native IPv4 (only)
    - NAT44(4)
    - NAT64
    - transition technology like 6RD/DSLite
    - native IPv6 (only)
  - Need to communicate preferences to the host for different types of traffic or classes of host (dual stack vs IPv6-only)



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# Chairs' Update

Interaction between Sunset4 and DHC, (and maybe Softwire)

- Individual/DHC drafts discussing ways to provide DHCPv4 information over DHCPv6
  - draft-rajtar-dhc-v4configuration
  - draft-sun-dhc-dhcpv6-opt-v4config
- Softwire discussing means to provision DHCPv4 over IPv6 *transport*
  - draft-mrugalski-softwire-dhcpv4-over-v6-option
- Sunset4 has this specific work item:
  - “Provisioning methods to signal a dual-stack host to disable or depreference the use of IPv4”
  - We have a draft discussing the “disable” part that might use DHCP:
    - draft-perreault-sunset4-noipv4



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# Chairs' Update

Interaction between Sunset4 and DHC, (and maybe Softwire)

- Discussed with Internet Area ADs, DHC chairs
- Trying to coordinate joint Sunset4/DHC meeting @ IETF 87 to discuss this specific overlap
  - Determine if we actually **need** to change DHCP to solve these problems
  - Coordinate changes to DHCP to solve these problems synergistically
  - Determine what work belongs in which WG
  - Ensure proper expertise for draft authoring and reviews