

# RADIUS Extensions for IPv4- Embedded IPv6 Prefixes

**draft-hu-softwire-multicast-radius-ext**

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Q. Wang, **W. Meng**, C. Wang & M. Boucadair

# Scope & Context

- Adopts the same encoding as I-D.ietf-softwire-multicast-prefix-option
- This attribute can be used in various contexts
  - Multicast in DS-Lite / mesh
  - Multicast in Lightweight 4over6 / MAP-E / MAP-T.....

# Charter-10/12/2015

The specific work areas for this working group are:

1. Developments for Mesh softwires topology; the Mesh topology work will be reviewed in the L3VPN and IDR Working Groups
  - multicast
  - MIB module
2. Developments for 6rd:
  - multicast
  - operational specification
  - RADIUS attribute for 6rd server
  - MIB module
  - Gateway-initiated 6rd (GI-6rd)
3. Developments for Dual-Stack Lite (DS-Lite):
  - multicast
  - operational specification
  - RADIUS attribute for AFTR
  - proxy extensions; GI-DS-Lite; No NAT on AFTR
  - MIB module

Multicast-DHCP

WG Document

Multicast-RADIUS

New milestone?

# Deployment

- Orange
- China Telecom

# Next Step

primary documents	DHCP Option	RADIUS Option
RFC 6333 (draft-ietf-software -dual-stack-lite)	RFC 6334 (draft-ietf-software- ds-lite-tunnel-option)	RFC 6519 (draft-ietf-software- dslite-radius-ext)
draft-ietf-software -map	draft-ietf-software- map-dhcp	draft-ietf-software -map-radius
RFC 5969 (draft-ietf-software -ipv6-6rd)	RFC 5969 section 7.1.1	RFC 6930 (draft-ietf-software- 6rd-radius-attrib)
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draft-ietf-software -dslite-multicast & draft-ietf-software -mesh-multicast	draft-ietf-software- multicast-prefix-option	<b>draft-hu-software- multicast-radius-ext</b>

- Next: Adopt the document in new milestone?