Mesh Solution Comparison

Function	Metz BGP Tunnel SAFI + Connector Attribute	draft-wu-softwire-4over6-00
L3VPN	Yes	No
SW Tunnel Discovery	Via Tunnel SAFI	Via IPv4-over-IPv6 AF/SAF
SW Tunnel Encaps Suppt	GRE, L2TPv3, IPsec, MPLS, etc.	IP/IP (dynamic); others require manual configuration
AF Island Support	IPv4, IPv6, VPNv4, VPNv6	IPv4 only via new IPv4oIPv6 AFI/SAFI; extensible to support IPv6oIPv4 via new AFI/SAFI
Implemented	Partial, Tunnel SAFI (L2TPv3)	Yes, prototype
Documented	Yes	Yes
Multicast	Yes	No
BGP changes	Yes, tunnel SAFI and Connector Attribute	Yes, IP4oIPv6 SAFI

Softwire Mesh Team
Interim Meeting Outcome

- Consensus Actions:
  - Use MP-BGP and Tunnel SAFI to advertise softwire tunnel information between AFBRs
  - Use standard (MP)BGP and Connector Attribute to advertise AF reachability and softwire tunnel identifier between AFBRs
  - Define IPx-over-IPy softwire encapsulation to be carried by Tunnel SAFI
  - Begin work on Softwire Mesh Framework Document
  - Prepare and present Softwire Mesh Framework at Dallas IETF