

Keyed IPv6 Tunnels

- draft-mkonstan-keyed-ip-tunnel-00
- Uses L2TPv3 over IPv6 encapsulation
 - But assigns an IPv6 address to each PW endpoint
 - Session ID no longer required (but present in the encaps)
 - Can interoperate with systems requiring session ID
 - 64 bit cookie used to prevent packet spoofing attacks
- L2TPv3 control plane is optional
 - If no control plane configure mapping of AC to local/remote IPv6 address and local/remote cookie and use Ethernet (client layer) OAM for circuit monitoring
- Comments welcomed on L2TPEXT mailing list