

Deployment Considerations for Lightweight 4over6

draft-sun-softwire-lightweigh-4over6-deployment-04

IETF 90- Toronto, July 2014

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Lightweight 4over6 Deployment Considerations

- Based on preliminary experimental deployment, this work describes various deployment models and operational considerations for lightweight 4over6.
- It is presented twice, Now that lw4over6 has requested publish, deployment considerations is an important guideline for operators.

Current outline

Deployment Considerations for Lightweight 4over6	
Section 3	Overall deployment model in lw4over6
Section 4: Overall Deployment Considerations	
Section 4.1	Addressing and Routing
Section 4.2	Port-set Management
Section 4.3	lwAFTR Discovery
Section 4.4	Impacts on Accounting
Section 5: lwAFTR Deployment Consideration	
Section 5.1	Logging at the lwAFTR
Section 5.2	MTU and Fragmentation Considerations
Section 5.3	Reliability Considerations of lwAFTR
Section 5.4	Placement of AFTR
Section 5.5	Port set algorithm consideration
Section 5.6	Path Consistency Consideration

Current Outline (conf')

Section 6: IwB4 Deployment Consideration

Section 6.1 NAT traversal issue

Section 6.2 Static Port Forwarding Configuration

Section 7: DS-Lite Compatibility Consideration

Section 7.1 Case 1: Integrated Network Element with Lightweight 4over6 and DS-Lite AFTR Scenario

Section 7.2 Case 2: DS-Lite Coexistent scenario with Separated AFTR

Appendix: Experimental Result

Next Step

- No more comments are received since IETF 87, can the current document be adopted? How to move forward ?