

Deployment Considerations for Lightweight 4over6

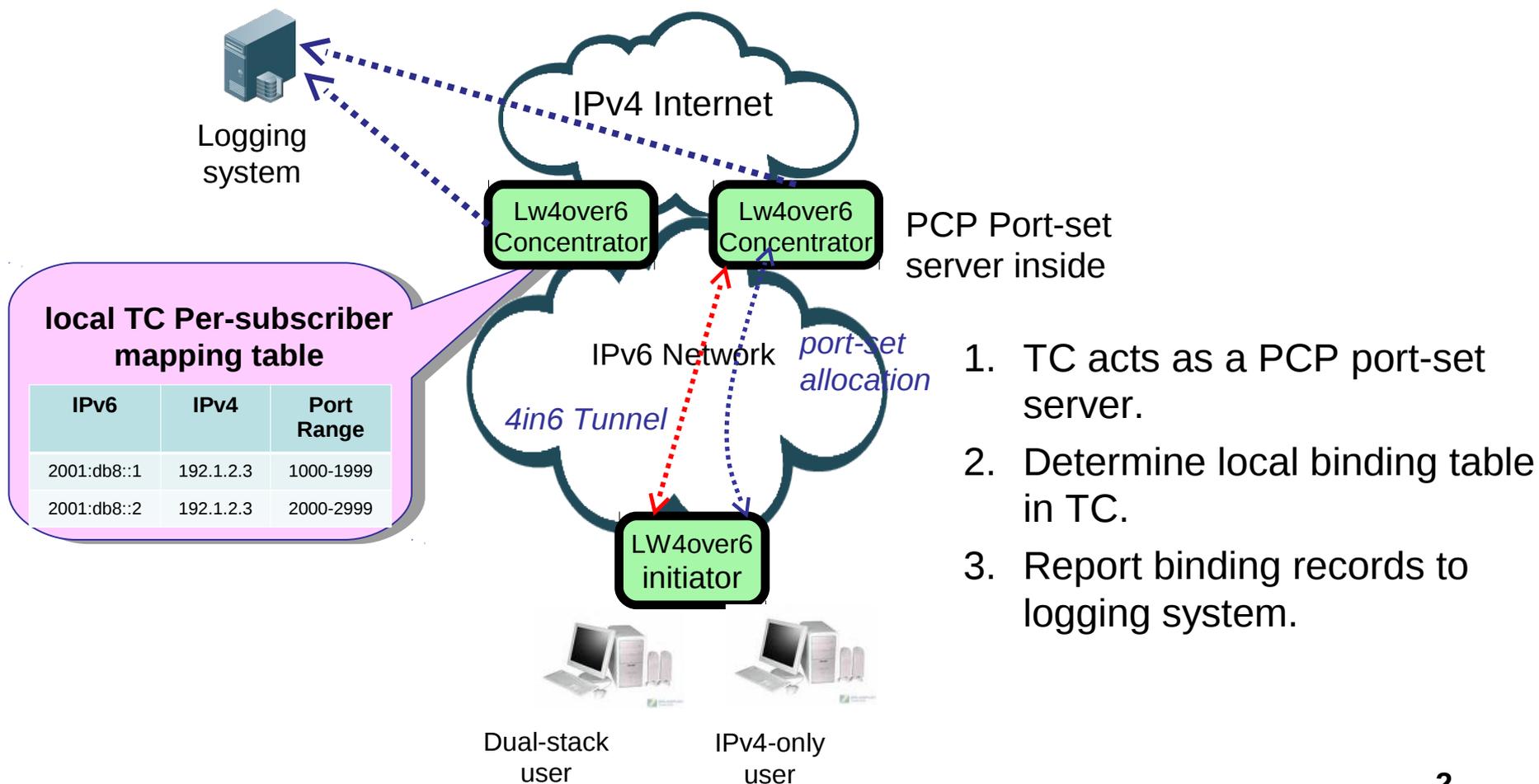
draft-sun-softwire-lightweigh-4over6-deployment-04

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Lw4over6 deployment in CT

- We have finished lw4over6 field trial in two provinces.



Lw4over6 deployment in Cernet2

Updates on Lightweight 4over6 Deployment Considerations

- It is presented once in IETF 83.
 - Now that lw4over6 has become RFC, deployment considerations is an important guideline for operators.
- We have discussed with Ian (Bottom-up model in DT)
 - We will add it in the next version.

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

- Comments ?
- Adopt WG document ?