IPv6 Deployment Survey
(Residential/ Household Services)

How IPv6 is being deployed?

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Survey Contents

• Basic ISP data (name, country, RIR)
• Technology of the customer link
• Is it a commercial service or a “pilot”
• IPv6 WAN link
• IPv6 customer addressing
• IPv4 service
• Transitioning and provisioning
• IPv6 DNS services
• Other data (optional contact details)
IPv4: 514 (63%)  IPv6: 305 (37%)

IP version of Survey Responder
Is IPv6 already a commercial service?

- Yes: 36% (298)
- No: 18% (147)
- N/A: 46% (374)
IPv4 service provided?  
- Yes: 312 (38%)  
- No: 498 (61%)  
- N/A: 9 (1%)

Public IPv4 address at CPE WAN?  
- Yes: 260 (32%)  
- No: 525 (64%)  
- N/A: 34 (4%)

IPv4 address is "stable"?  
- Yes: 155 (19%)  
- No: 132 (16%)  
- N/A: 532 (65%)

Can the customer opt to have IPv4 "stable"?  
- Yes: 88 (11%)  
- No: 36 (4%)  
- N/A: 544 (45%)

Extra cost for stable IPv4?  
- Yes: 74 (9%)  
- No: 74 (12%)  
- N/A: 742 (88%)
What transition mechanism?

- Dual-stack (public IPv4 + GUA) 214 75%
- DS-LITE 9 3%
- 6to4 5 2%
- 6RD 7 3%
- NAT64 3 1%
- lw4o6 1 0%
- MAP-T 1 0%
- Other 13 5%
- Tunnel Broker 3 1%
- CGN (dual-stack with private IPv4 + GUA) 25 9%
Conclusions

• In general “correct” deployment
  – Some exceptions

• Misunderstandings on IPv6 technology/marketing/other reason:
  – IPv6 prefix size
  – Stability of prefix

• More “advanced” countries seem to do it smartly, less “misunderstandings”
Thanks !!

Survey link:  
http://survey.consulintel.es/index.php/175122

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