IPv6 Deployment in Yahoo! Broadband

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Yahoo! Broadband(AS17676)

- ◼ **One of the major ISP in Japan.**
  - ◼ 2.3M ADSL customer, 1.8M FTTH customer

- ◼ **ADSL**
  - ◼ We deployed a DSLAM by ourselves but DSLAM not support IPv6.

- ◼ **FTTH**
  - ◼ We connect a customer via NTTs access network
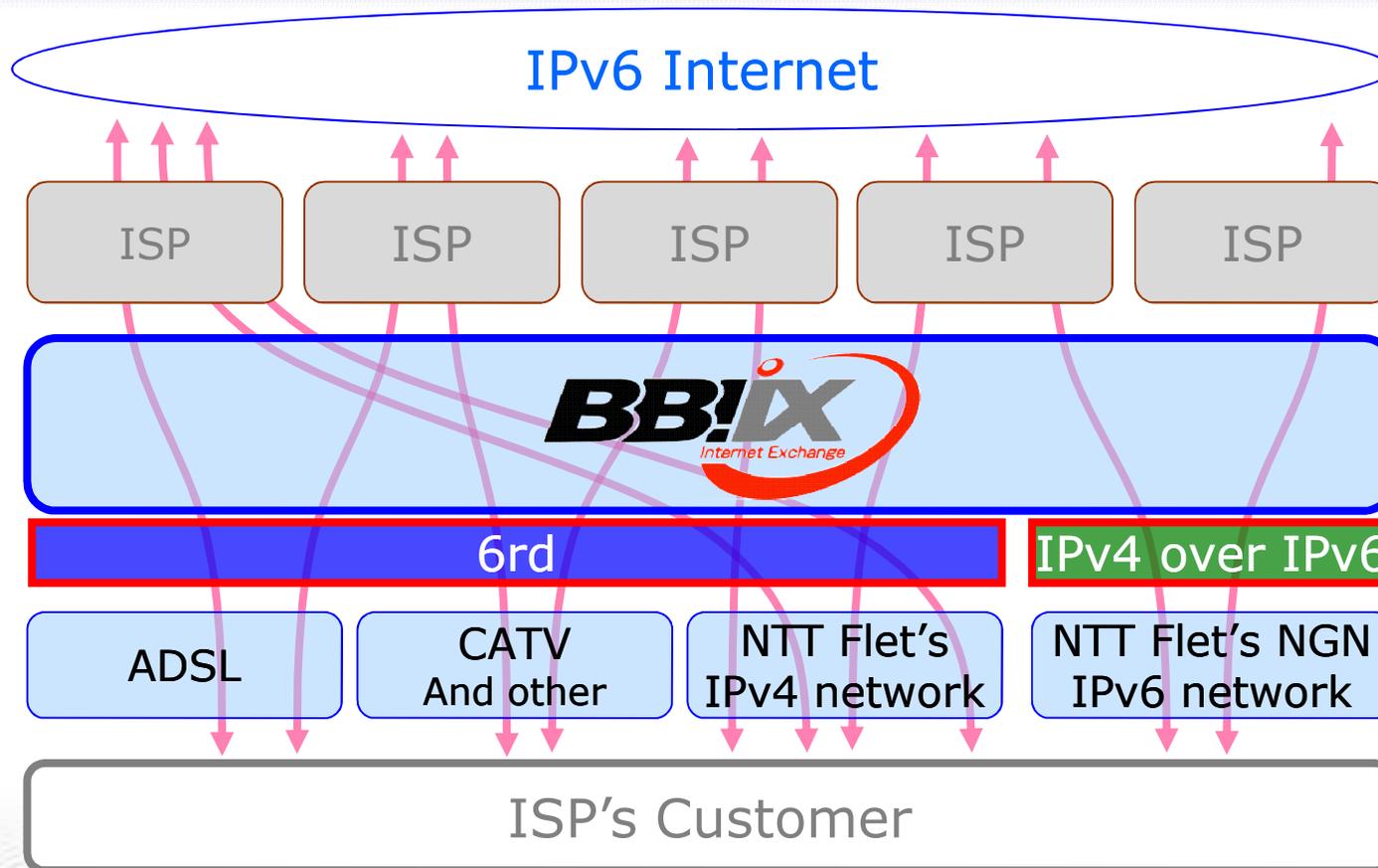   - ◼ B-Flets: IPv4 PPPoE, NOT supprt IPv6 Internet access
    - ◼ Flets Next(NGN): IPv4 PPPoE,support IPv6 PPPoE or IPoE.

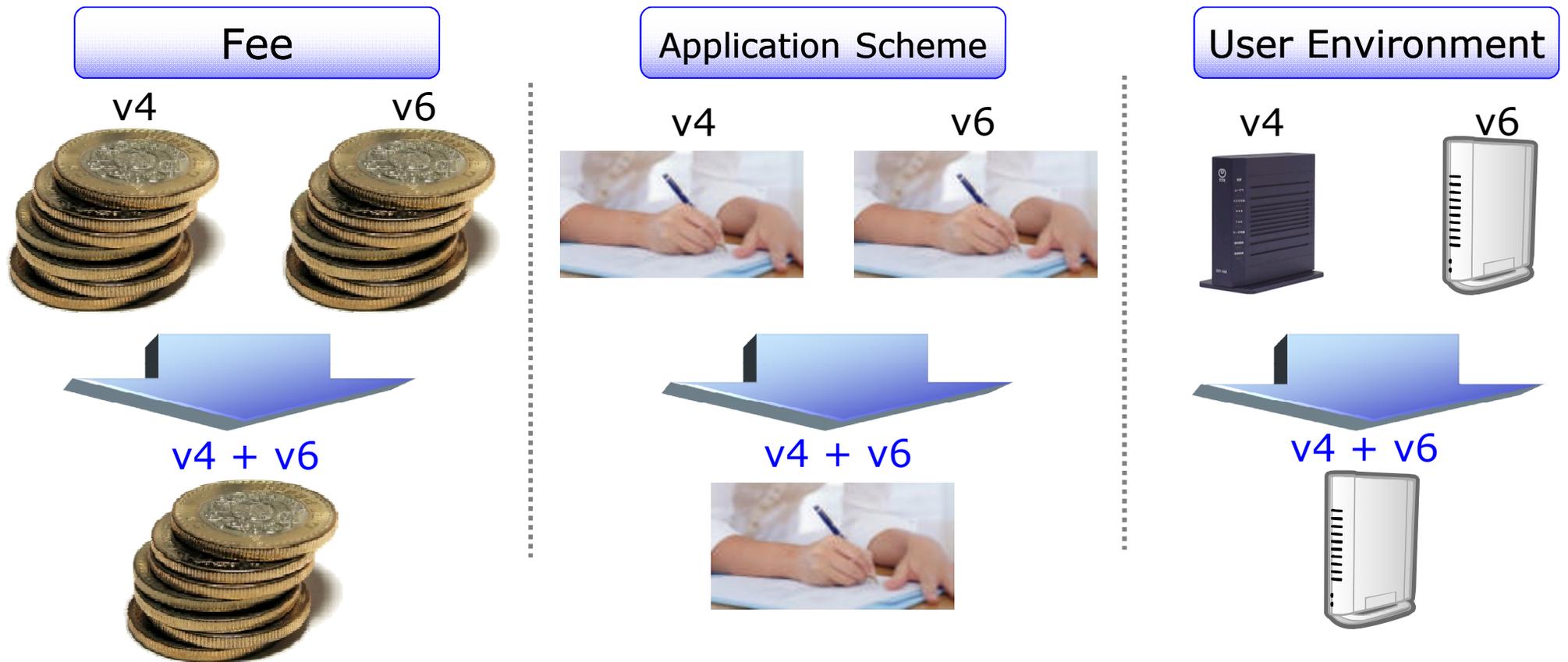SoftBank

Our concept for IPv6 Deploying

IPv6 for Everybody!
- For any access line, for any user environment -
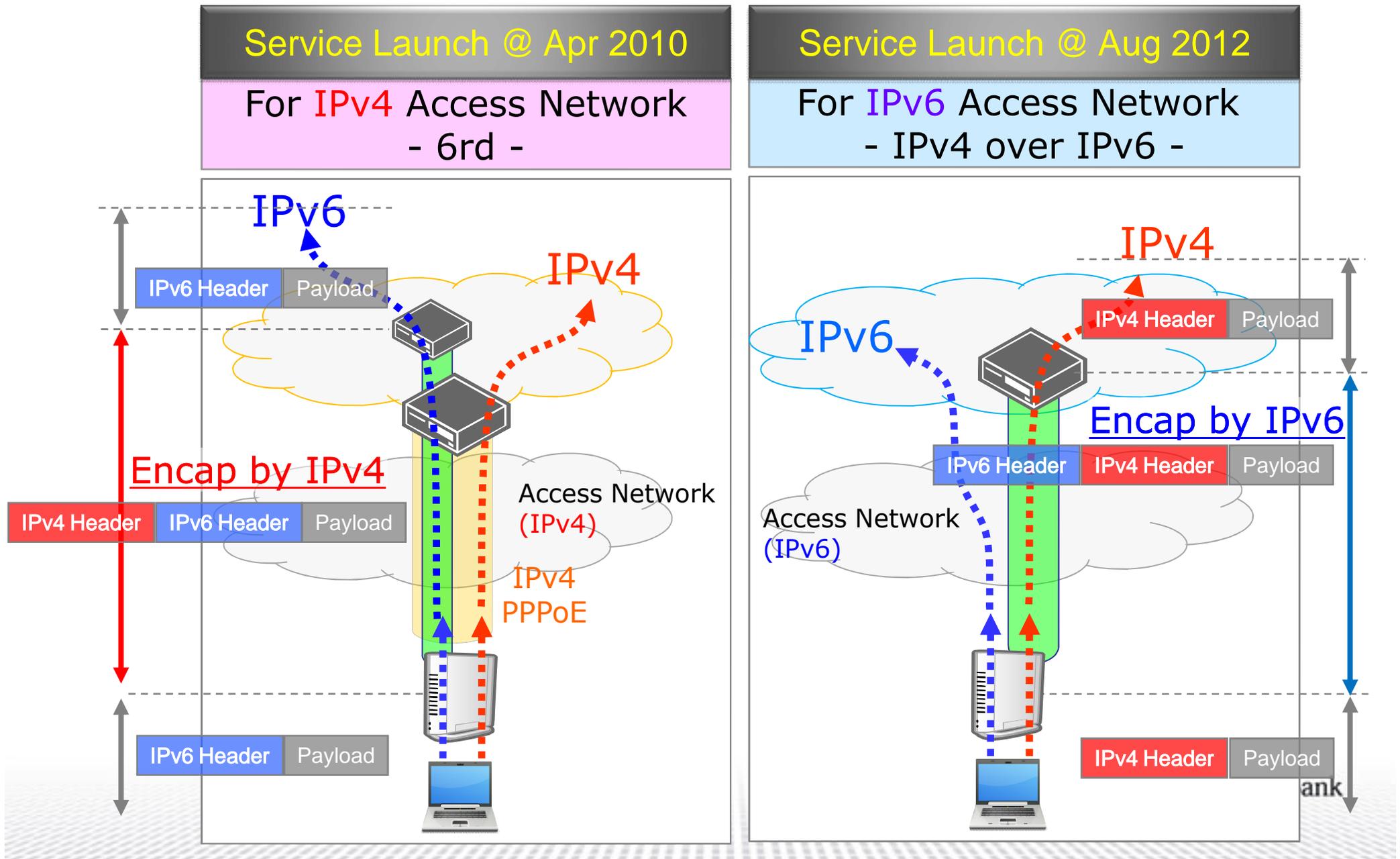
For Everybody!

IPv6 Internet

ISP | ISP | ISP | ISP | ISP

BB!IX
Internet Exchange

6rd | IPv4 over IPv6

| ADSL | CATV And other | NTT Flet's IPv4 network | NTT Flet's NGN IPv6 network |

ISP's Customer

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Key factor for IPv6 Deployment

Fee

v4   v6

v4 + v6

Application Scheme

v4   v6

v4 + v6

User Environment

v4   v6

v4 + v6

We must deploy IPv6 while customer NOT care their connection is IPv4 or IPv6

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IPv6 Deployment – Stateless Tunnel

IPv4 over IPv6 current status

- **Customer feedback is very positive.**
  - Japanese like a "something new" ☺

- **I estimate 10% of our FTTH customer will be a "IPv6 ready" in next spring.**

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