IPv6
Now

IPv6 Implementation Case Study:

StudentNet

Product Features

- 30 Independent schools

- 5,500 Collaboration accounts

- Life Long IP address

- Secure controlled collaboration

- Single Sign On administration

School's Requirements

- Privacy Teacher/Staff accounts

- Administrative control

- Child Protection

- Cyber Bullying Prevention

- Ease of Use

The Product Again

- Each School receives a /48

- One /64 set aside for the collaboration accounts

- This /64 is the very last /64 in the /48 range – maximising addressing flexibility

- Additional /64's can be used for other purposes

More Features

- No requirement for native v6

- All traffic flows through a common tunnel broker

- Inter-school traffic can be controlled

And More Product

- Each account has a domain name dynamically allocated upon sign-in

- Sign-in is integrated with any SAML/Radius/LDAP web service

How would you do this in v4?

- Life long IP address

- IP Address level control granularity

- IP Address level auditability & logging

Implementation experience

- Started transitions in December 2008, final school by March 2009

- Now implementing on an as sold basis, most recent in July, took 2 weeks to complete.

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Thank You

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