

IPv6: Studentnet on Steroids

IPv6: Studentnet on Steroids



©2009 Studentnet

1



Studentnet: Last Year - 2008

About to migrate 30 schools

**Introduce: Collaboration Accounts
based on IPv6Now Grow6 product**

**Establish ID's and credentials – 5,500
students and staff**

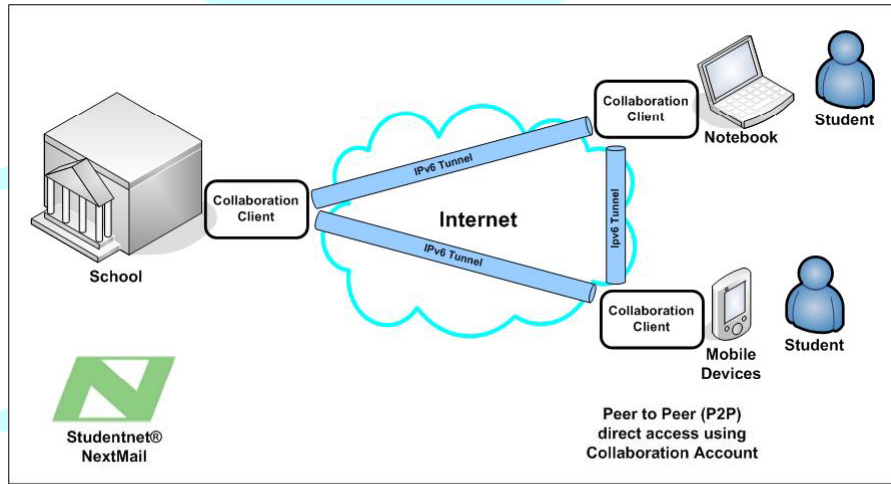


©2009 Studentnet

2



Studentnet: Nextmail Collaboration Accounts



©2009 Studentnet

3



Nextmail: Collaboration Accounts

- **Genuine Peer to Peer collaboration**
- **Integration with school's directory**
- **Life-long IP addresses/Domain names**
- **Security options**
- **Portability & Mobility**
- **Auditable/Traceable Activity**



©2009 Studentnet

4



So how did we go?

- **March 2009: Most schools migrated, 5500 accounts**
- **May 2009: Final stragglers completed**
- **August 2009: First new schools**
- **December 2009: 7,500 accounts**
- **Q1 2010: Projected 10,000 accounts**



©2009 Studentnet

5



Studentnet: So What Worked?

- **Technology worked: Tunnels & DNS**
- **Directory Integration worked but can be extended**
- **Geographic Independence**
- **Security/Privacy**
- **Control/Administration/Reporting**



©2009 Studentnet

6



Studentnet: What didn't work?

- **Understanding lifelong IP addresses, better to refer to permanent DNS entry**
- **Explaining the technology – even the technically minded don't get it**
- **Mobile Devices connectivity**
- **Single Sign-On**



©2009 Studentnet

7



Studentnet: Confirmed – Told You So

- **Collaboration: the new model for education**
- **The end of the 8to4 mentality**
- **New technology needs to be integrated to existing School network**
- **Cyber Bullying defences**



©2009 Studentnet

8



Studentnet: Surprises!

- **Swine Flu!**
Curtin University: How will we run the university if the campus is locked down?
- **Nextmail Collaboration Accounts are a large part of the school's solution**
- **Address space utilisation**



©2009 Studentnet

9



Studentnet: School ICT Directors

- **Cyber Bullying defences**
- **Administration work load**
- **Operational reliability**
- **Tracking & Traceability & Control**
- **Privacy & Confidentiality**
- **Not curious re: technology**



©2009 Studentnet

10



Studentnet: What about the Kids?

- **It's a natural, they just use it**
- **It's a learning experience for them**
- **Keen to work with something new**
- **Tough audience**



©2009 Studentnet

11



The Future: Things to do

- **Single Sign-On**
- **Branding**
- **Mobile Device Support**
- **Out-of-Box Server**



©2009 Studentnet

12



Studentnet Nextmail Collaboration Accounts

Kevin Karp

kjk@studentnet.edu.au



©2009 Studentnet

13

