IPv6

Meets the torture test!

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Kevin Karp

kjk@studentnet.net
Studentnet.net

Business Manager, Studentnet

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World IPv6 Day
June 8, 2011
Waverley College
&
Wollondilly Anglican College

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Why a torture test?

- School networks include unexpected complexities...

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Why a torture test?

...

- They tend to be large
- They are heavily utilised: large payloads by lots of simultaneous users
- Their users are smart experimenters with time on their hands and may be bored so looking for something to do!

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Waverley College

- Year 10, Software Development Class
- Students well informed of v6
- Network staff: highly motivated
- Unusual network architecture:
  - multi-layers of NAT
  - intrusive proxy

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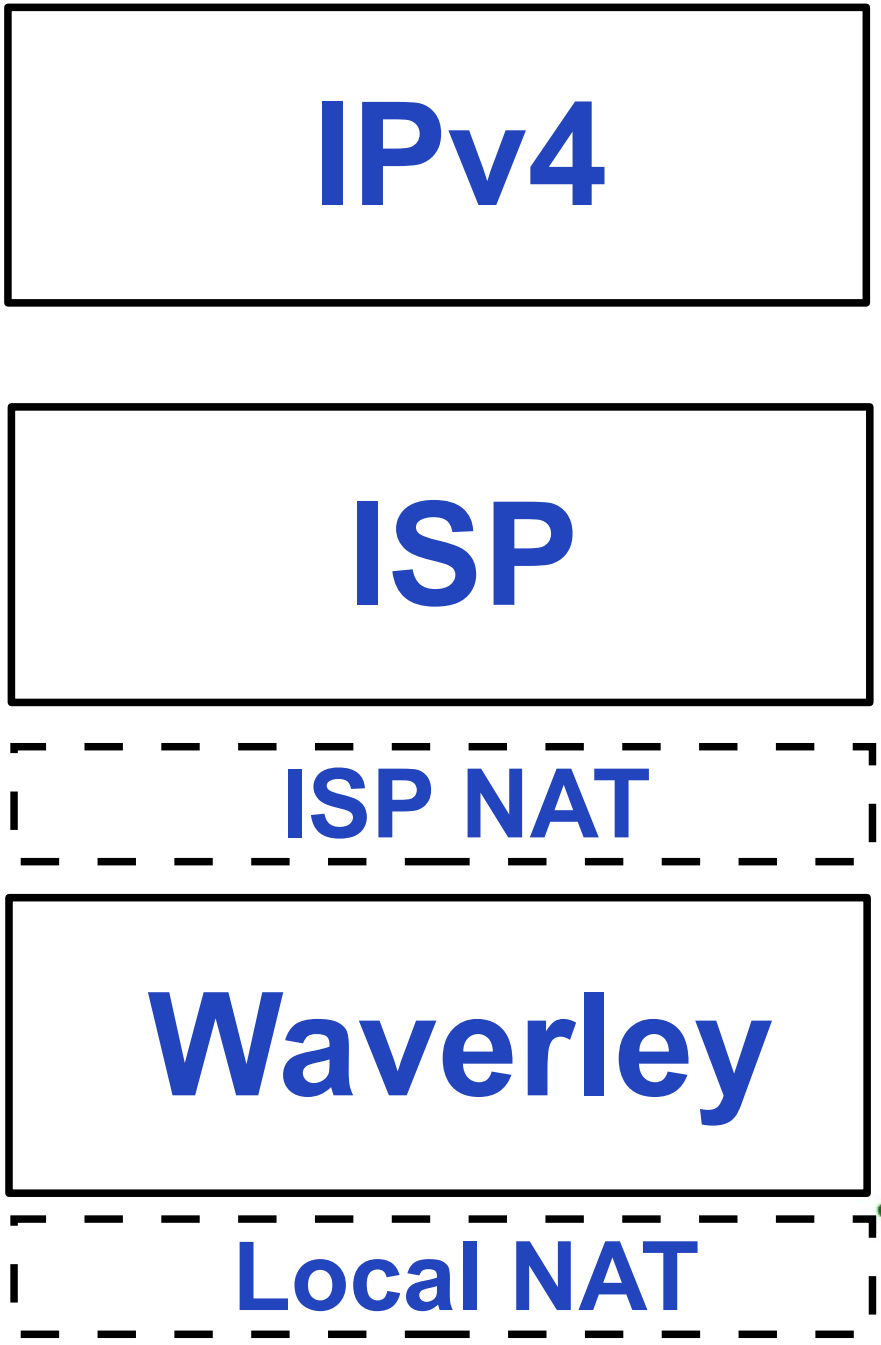

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So what happened on the day...

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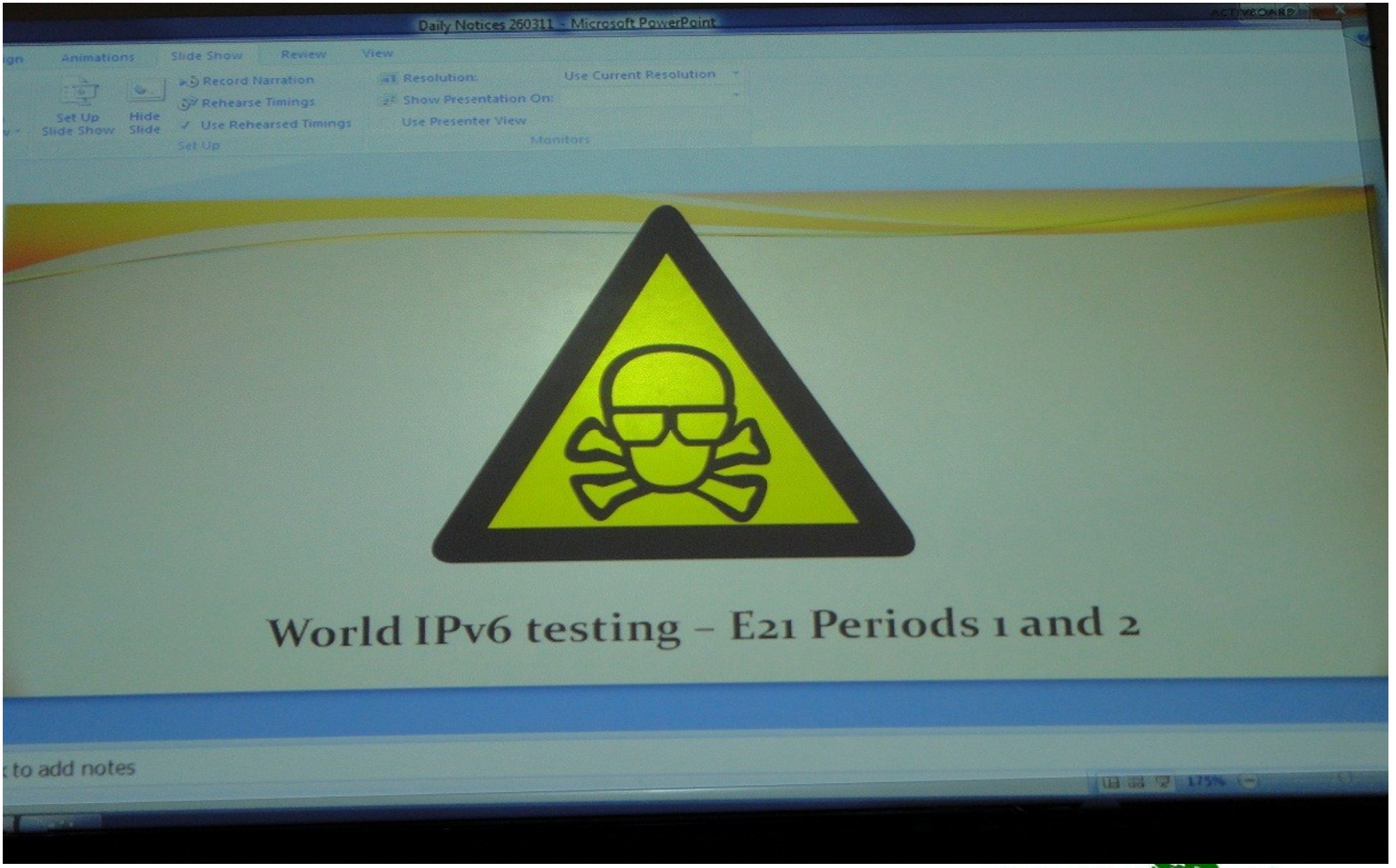

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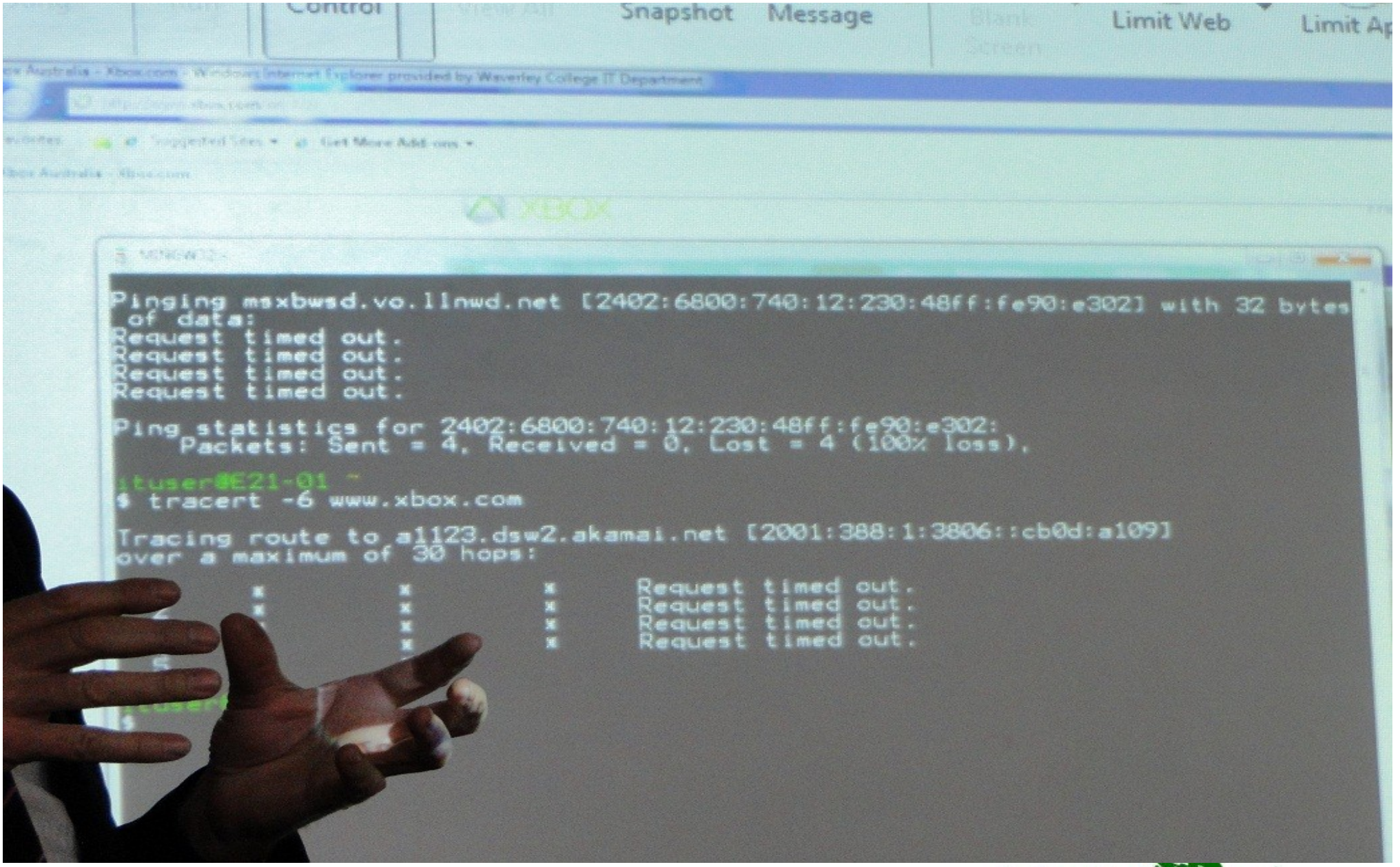

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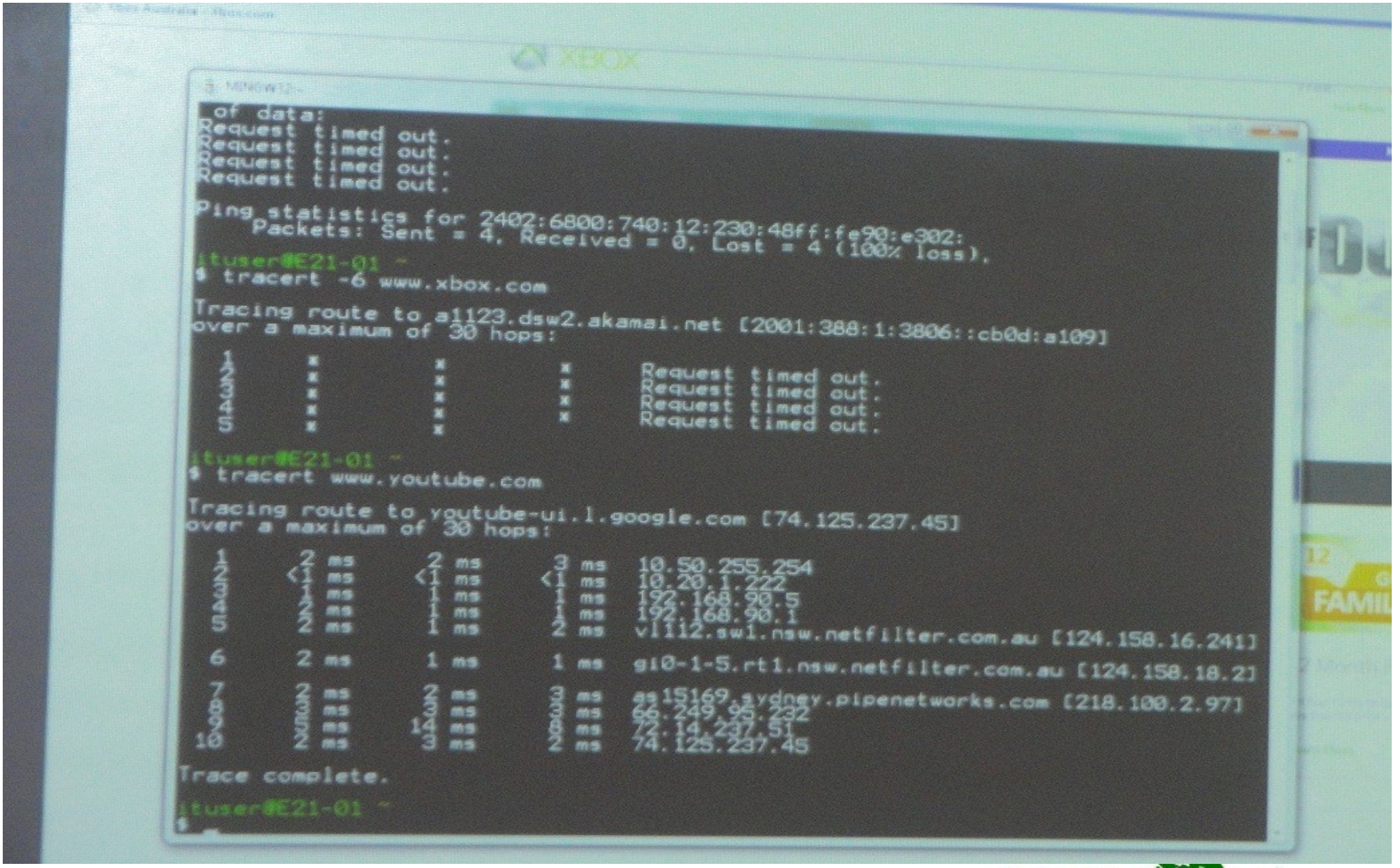

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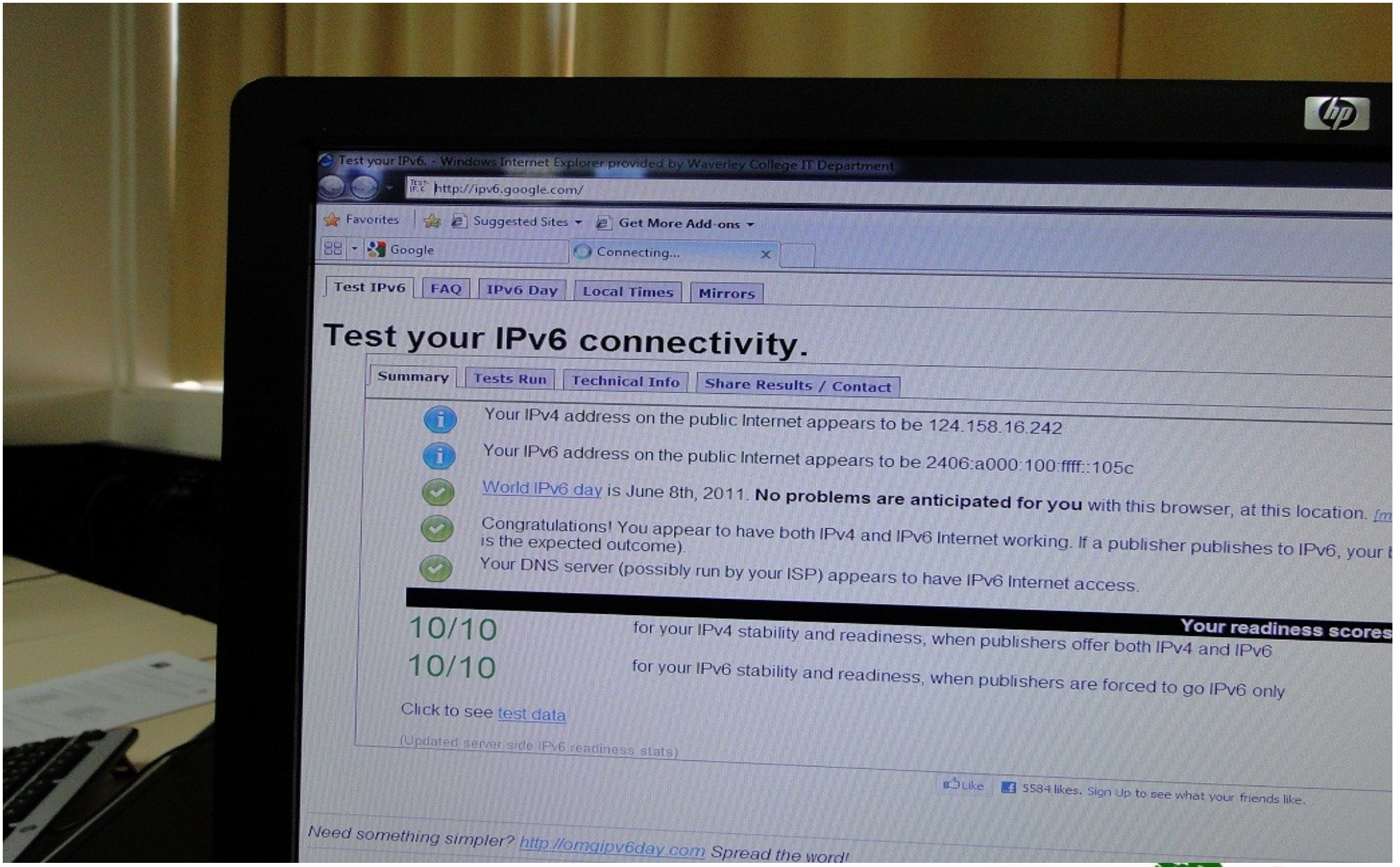

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What did they do?

The Waverley students visited their normal sites:

- Search (eg Google)
- Social Networking (eg Facebook)
- Online Browser Games

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What were the results?

Generally everything worked at the technical level

BUT...

At the user level the experience was not quite the same.

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Wollondilly Anglican College

-Fast growing semi-rural, co-educational
-Year 6 Primary
-Very independent, self-sufficient network
-Line of Sight wireless connection
-No ISP NAT

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Wollondilly Favourites

- Google
- YouTube
- Facebook
- Sesame Street Online

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Many thanks to the Staff & Students of Waverley College & Wollondilly Anglican College

Kevin Karp, Studentnet kjk@studentnet.edu.au

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Thank you

Kevin Karp
MD
Studentnet

kjk@studentnet.edu.au
www.studentnet.net

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