

University of Auckland IPv6 Implementation Case Study

Organisation profile: Education and Research

IPv6 business case

Reason/s for implementing IPv6:

- for accessing IPv6 websites
- for your customers to access your services
- for internal network management
- for a private network
- other (please specify) *for teaching and research collaborations*

Cost benefit:

- approximately what percentage of your IT budget was consumed by your IPv6 project? <1%

IPv6 technical

IPv6 Deployment Scenario:

- type of network: multi-campus dual stack
- size of network (number of desktops): ~1000 (so far)
- network purpose: teaching and research and general (so far)

Did your existing hardware / software already support IPv6? Yes

What new hardware / software tools did you buy for managing IPv6 addressing? None so far; but in the process of upgrading to a new IPAM system, which will include DNS and DHCP for IPv6.

Did you use an outsourced integrator? No

Implementation challenges: Skills acquisition, commercial ISP support, addressing management (see above), DHCPv6 support, and network team getting to grips with it.