

IPv6 is Sexy

and other IPv6 myths

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 - RavenWing, Inc.
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 - Best4Men.com
 - (First IPv6 enabled retailer in the US)
- CISSP, RHCE

The NAv6TF

- Industry independent
- All volunteer
- Support the adoption and deployment of IPv6
- www.NAv6TF.org
- Sneak Peak: IPv6 Knowledge Base

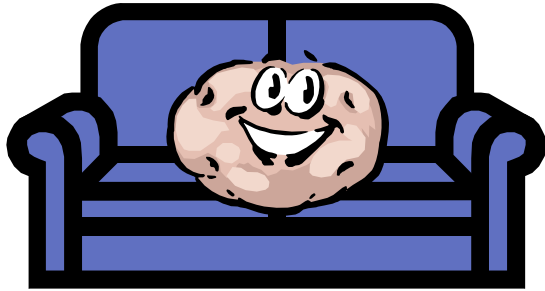
An Introduction to Mythbusting

- Easily misquotable
- Please ask questions
- Please ask for clarification

The Biggest Myth of All

- IPv6 is Sexy

IPv6 – The Shoes of the Internet



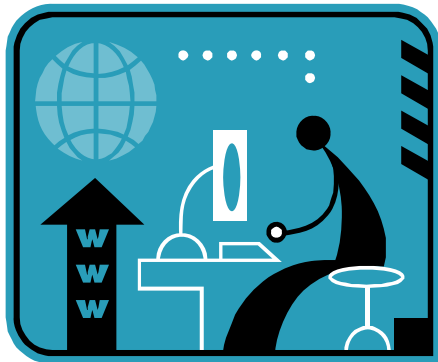
Couch Potato



Jogger



Pro-Athlete



Net Surfer



Tinkerer



Network Admin

IPv6 – The Shoes of the Internet

95% of users

100% of management



Net Surfer



Tinkerer



Network Admin

Myths

- The transition to IPv6 will be easy.
- No more NATs ... EVER!
- Better Security
- Improved Battery Life
- We'll never run out of IPv6 addresses
- All the big vendors support IPv6
- Software that supports IPv6 is ready for production systems
- This IPv6 stuff is new to everyone

IPv6 is New

- China & Japan lead the world in usage and deployment

IPv6 Growth on Earth

- Countries that have less IPv6-reachable websites (4 month window):
 - **1 site less:** Bolivia, Brunei, Ecuador, Germany, Malta, Romania, Sri Lanka, Switzerland, Taiwan, Thailand, Uruguay, Venezuela, Vietnam
 - **2 sites less:** Indonesia, Kuwait, Mexico, Pakistan, Panama, Tunisia, UK, **US**

IPv6 Growth on Earth

- Countries that have more IPv6-reachable websites:
 - Egypt, Jordan, Libya, Oman, Palestinian Territory, Sudan, Syrian Arab Republic, Yemen, Bulgaria, Greece, Jamaica, Moldova, Nicaragua

Towards a “Rosier” Ending: *Features*

- Due in June – 6 Months
- IPv6 is difficult to implement
- Huge address space
- Extensible Datagram
- Efficient base header & option processing

Potentials

- Bragging Rights
- Re-Numbering
- End to End
- Mobile IPv6
- Sensor Networks
- Social Networks
- Product Tethering

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