

# CISCO: Introduction to IPv6

`ftp://ftp.monash.edu/pub/bretel/cisco/Routing%20Workshop/routing-workshop1/IPv6/0-ipv6-intro.pdf`



# Introduction to IPv6

ISP/IXP Workshops

# Early Internet History

- Late 1980s
  - Exponential growth of the Internet
- Late 1990: CLNS proposed as IP replacement
- 1991-1992
  - Running out of “class-B” network numbers
  - Explosive growth of the “default-free” routing table
  - Eventual exhaustion of 32-bit address space
- Two efforts – short-term vs. long-term
  - More at “The Long and Windy ROAD”  
<http://rms46.vlsm.org/1/42.html>