Investing in the IETF is an Investment in our Future
IETF 85 Sponsors

- Comcast
- Time Warner Cable
- Bright House Networks
- Cablevision
- Charter
- Cox
- Rogers
- CableLabs - Revolutionizing Cable Technology
- Cable
Recognizing the Cable Team for IETF 85

Alexander Dudley
Annette Smith
Barbara York
Bill Check
Chris Donley
Chris Griffiths
Chris Grundemann
Darshak Thakore
Daryl Malas
Edwin Mallette
Emily Murtaugh
Fernando Laguardo
Glenda Vannerson
Greg White
Jason Livingood
Jason Weil
Jay Rolls
Jean-François Mulé
Jeff Finkelstein
John Pomeroy
Kevin Hart
Kimberly Maki
Lauren Riordan
Lee Howard
Mark Guzinski
Mark Bell
Ralph Brown
Randy Kinsey
Rich Woundy
Ron da Silva
Rob Moon
Seth Arenstein
Steve Mace
Sumanth Channabasappa
Victor Kuarsingh
Wayne Allison
Wes George
North American Cable Industry in Numbers

- Cable operators offer broadband Internet, video, voice, wireless and home security services
  - Total population of 350M in 131M households
  - 53.9 M cable broadband subscribers
  - 30.3 M digital voice subscribers
- Most Cable operators offer 100 Mbps or faster speeds
  - High-Speed Internet (HSI) available to 93% of U.S. households
  - 82% of US Cable HSI subscribers have access to DOCSIS® 3.0 HSI service
  - On average, US cable operators delivered sustained download speeds of 99% and upload speeds of 110% of advertised speeds during peak periods

Sources: CableLabs and NCTA analysis of Company Data, SNL Kagan and Census Bureau data.
2 - Source: FCC, Measurements completed in April 2012 published in July 2012, Measuring Broadband America
http://www.fcc.gov/measuring-broadband-america/2012/july
CableLabs’ Team

Nearly 100 contributing engineers

Staff
87.2 million subscribers

Total cable subscribers to any tier of service, 2Q12.
Largest North American CableLabs Members

- Bright House Networks
- Cablevision Systems
- Charter
- Comcast Cable
- Cox Communications
- Mediacom
- Rogers Communications
- Shaw Cable
- Suddenlink
- Time Warner Cable
International CableLabs Members

- Cablemas (Mexico)
- Liberty Global (Europe, Puerto Rico, Chile)
- StarHub (Singapore)
- Virgin Media (UK)
The IETF protocols Power Cable Networks

Internet protocols are critical to cable’s services and operations

- Cable TV, VoD, IP Video and Content Delivery Networks
- High-Speed Internet using DOCSIS® specifications
- Real-time IP Voice using PacketCable™ specifications
- Operations and Management

- Data – Video Voice - Wireless

- End-to-end, managed IPv4 and IPv6 Networks

- IETF protocols

- DHCPv6, DNS and Secure DNS
- SNMP and standard cable IETF MIBs to manage devices
- MGCP, SIP, COPS, RTP and sRTP, iLBC voice codec, …
- L2 and L3 VPNs
- Many others…
We believe in “Rough Consensus and Running Code”

- CableLabs’ R&D programs
  - build consensus among cable operators and vendors
  - develop specs and implementations working with vendors
  - run protocol interoperability and device certification testing in the labs from PHY to IP to Application layers
- We verify running code from multiple vendors
Thank You
to all of You who contribute to the IETF