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# North American Task Force Update

[www.nav6tf.org](http://www.nav6tf.org)

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## ▶ North American IPv6 Task Force (1/2)

- Subchapter of the IPv6 Forum, Non-profit volunteer body
- Promote the deployment of IPv6 across North America
- Provide business, promotional, educational, and technical center of expertise for IPv6 in North America
  - To any entity building, deploying, or developing IPv6 for deployment
- Provide technology and transition input to support North American deployment efforts
  - Department of Defense, Department of Commerce, Department of Homeland Security, Independent Software Vendors, and Commercial Service Providers
- NAv6TF Sub-chapters
  - California IPv6 Task Force <http://www.cav6tf.org/>
  - MidAtlantic IPv6 Task Force <http://www.midatlanticv6tf.org/>
  - Canadian IPv6 Task Force (to be announced)



## ▶ North American IPv6 Task Force (2/2)

- Continue to lead the Moonv6 IPv6 Network Pilot
  - Expand that backbone peering network as a worldwide IPv6 backbone Network Pilot
- Develop technology partner relationships with other consortia's, industry, government, and standards bodies working on IPv6
- Participate in North American industry trade show events, seminars, and technology briefings as IPv6 center of expertise
- Develop IPv6 deployment technology usage guides as required
  - Analysis of IPv6 Features and Usability  
[http://www.nav6tf.org/documents/nav6tf.analysis\\_ipv6\\_features\\_and\\_usability.pdf](http://www.nav6tf.org/documents/nav6tf.analysis_ipv6_features_and_usability.pdf)



– IPv6 Security Technology Paper

[http://www.ipv6forum.org/dl/white/NAv6TF\\_Security\\_Report.pdf](http://www.ipv6forum.org/dl/white/NAv6TF_Security_Report.pdf)

## ▶ US Federal Government (1/2)

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- United States Department of Defense (DoD)
  - June 2003 mandated the integration of IPv6 by October 2008.
  - DoD IPv6 Approved Product List (APL) initiative  
[http://jitc.fhu.disa.mil/adv\\_ip/register/register.html](http://jitc.fhu.disa.mil/adv_ip/register/register.html)
- Office of Management and Budget
  - August 2, 2005 setting June 2008 as the date all US Federal Agencies must be using IPv6.  
[http://www.cio.gov/documents/IPv6\\_FAQs.pdf](http://www.cio.gov/documents/IPv6_FAQs.pdf)
  - US Department of Commerce as released a very comprehensive IPv6 Final Report at this address:  
[http://www.nist.gov/director/planning/policy\\_studies.htm](http://www.nist.gov/director/planning/policy_studies.htm)



## ▶ US Federal Government (2/2)

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- National Telecommunications and Information Administration (NTIA)
  - Set up an infrastructure for federal departments and agencies to request IPv6 addresses
  - Set up a working group to further assist in the transition
    - How agencies should incorporate IPv6 into their enterprise architectures and strategic plans.
    - Talk about the technical details of how to develop a transition plan.
    - How to set up governance of IPv6 implementation.
    - Procurement and acquisition issues.



## ▶ Moonv6

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- International project led by NAv6TF to execute deployment testing of IPv6 technology
  - U.S. wide network <http://www.moonv6.net/project/>
  - Jointly implemented by commercial service providers, UNH-IOL, Government organizations, academic entities and network equipment vendors.
  - Test items are determined by network operation requirements of the US Government Agencies and commercial service providers.
    - [http://www.moonv6.net/project/july2006/Moonv6\\_2006.pdf](http://www.moonv6.net/project/july2006/Moonv6_2006.pdf)



## ▶ MetroNet6

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- MetroNet6 is a project to develop a prototype end-to-end secure Wireless MESH network for first responders
  - Original idea from Jim Bound (CTO IPv6 Forum) and Larry Levine (Director CEDREC FT Monmouth U.S. Army)
- Lead by California IPv6 Task Force
- Moonv6 added to the design center to emulate First Responder command control network 2006.
- NAv6TF and CAv6TF began working with U.S. and California Government, and local Sacramento First Responder contacts and officially started the current MetroNet6 in 2005.
- Please see current CAv6TF MetroNet6 Web Page:

– <http://www.cav6tf.org/html/metronet6.html>



# ▶ NAv6TF Steering committee

- **Jim Bound - Chair**  
(IPv6 Forum CTO / Senior Fellow, Hewlett Packard)
- **Latif Ladid - Vice Chair and Marketing Director**  
(IPv6 Forum President / Internet Society Board Trustee / Chair EU IPv6 Task Force)
- **Geof Lambert - Vice Chair and Projects Director**  
(Chair California IPv6 Task Force, Maxon Search Group)
- **Yanick Pouffary - Technology Director**  
(IPv6 Forum Fellow / HP Distinguished Technologist)
- **Tony Hain - Technology Director**  
(IPv6 Forum Fellow / Cisco IPv6 Technical Leader)
- **David Green - Technology Director**  
(IPv6 Forum ExCom / Director, SRI International)
- **Renee Esposito - Network Information Assurance Advisor**  
(Booz Allen Hamilton)
- **Ben Schultz - Network Deployment Advisor**  
(University of New Hampshire Interoperability Lab Managing Engineer)
- **John Loughney - Network Mobility Advisor**  
(IPv6 Forum Fellow / Principle Researcher, Nokia)
- **John Brzozowski - Network Systems Integration Advisor**  
(Chair, Mid-Atlantic IPv6 Task Force/ IPv6 Architect, Comcast)
- **Yves Poppe - Network Telecommunications/Provider Advisor**  
(Director, IP Strategy, Teleglobe Canada)
- **Tim Chown - Network Application Advisor**  
(Professor at University of South Hampton)
- **Larry Levine - Network Emergency Response Advisor**  
(Program Director, Combat Systems Communications, CECOM, FT Monmouth, U.S. Army)
- **Joya Subudhi - Public Relations Advisor**  
(President, Subudhi Consulting Group)
- **Ozzie Diaz - Wireless Network Advisor**  
(Consultant and Wireless Network SME)
- **George Usi - Program Manager NAv6TF Projects**  
(CEO, Sacramento Technology Group LLC)
- **Brett Thorson - Network Integration & Security Advisor**  
(Network Scientist - RavenWing Inc.)
- **Vint Cerf - Advisory Council**  
(Honorary Chairman IPv6 Forum / Chief Internet Evangelist, Google)
- **Jessica Little - Advisory Council**
- **Rick Summerhill - Advisory Council**  
(Associate Director, Internet2)
- **Marc Blanchet - Advisory Council**  
(IPv6 Forum Technical Directorate / President, Viagenie)
- **Frank Cuccias - Advisory Council**  
(Program Manager, SI/SE&IS, Lockheed Martin)
- **Kim Hemphill - Advisory Council**  
(Senior Project Manager, Raytheon)
- **Terry Davis - Advisory Council**  
(Boeing Technical Fellow, Aircraft Network & Security Architect, Boeing Commercial Airplanes)
- **Yurie Rich - Advisory Council**  
(Director of IPv6 Operations, Command Information)



# ▶ Questions?

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