

Moonv6 Event

You're Invited!

- July 21-24:** Setup at the UNH InterOperability Laboratory and the Joint Interoperability Test Command (JITC)
- July 24-28:** Detailed testing and analysis at UNH-IOL and JITC
- July 31-August 18:** Distributed testing between all sites and internal DoD IPv6 assessments

A follow up event will be held in Q1 of 2007

What to expect at Moonv6:

- + IPv6 Security
- + IPv6 Application Demonstrations
- + Transition Mechanisms
- + DNS and DHCPv6

Largest IPv6 Test Network

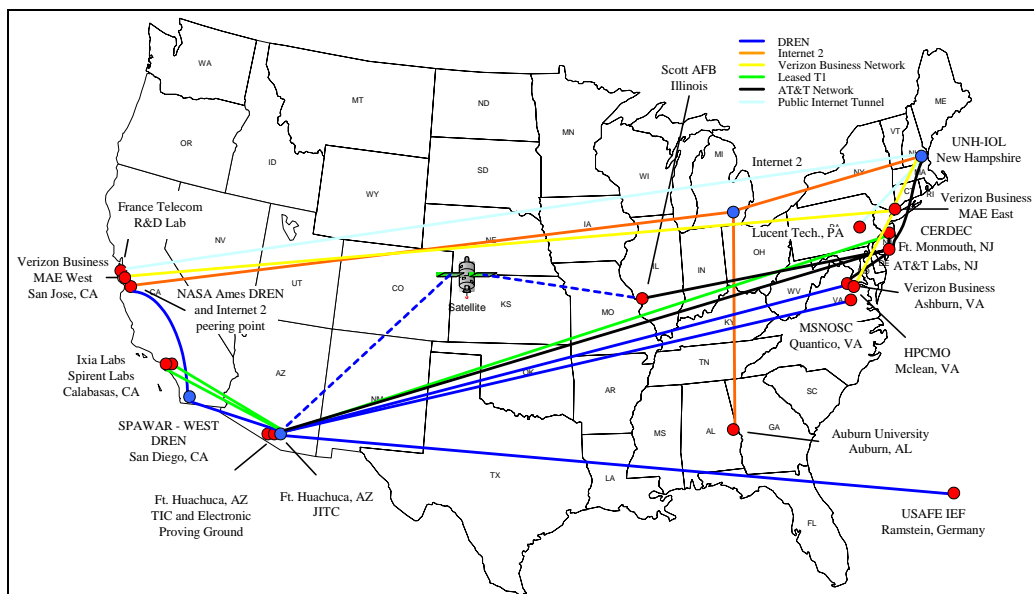
Moonv6 plays a critical role in IPv6 technology assessment and adoption. The Moonv6 project is a global effort led by the North American IPv6 Task Force (NAv6TF) involving the UNH-IOL, JITC, Internet2, vendors, network operators and regional IPv6 Forum Task Force network pilots worldwide.

- Equipment vendors gain insight into what is important in the market and obtain detailed testing results.
- Network operators observe IPv6 and learn associated benefits and issues.
- The industry understands what is currently supported with the newest aspects of IPv6 technology and what is still under development.

More Information: www.Moonv6.net



Moonv6 Wide Area Network Map



IPv6 Security. IPv6 has been touted to have several inherent benefits beyond IPv4. One of these benefits is security. Security or Information Assurance (IA) is a superset of several technologies, including IPsec, IDS/IPS, Firewalls and various software tools for virus detection and port scanning. Testing will include these items and an assessment of the DoD Public Key Infrastructure (PKI) and IPv6 with IPsec encryption with various commercial vendors. Attend the Moonv6 event to discover the strengths and weaknesses of IPv6 security.

Transition Mechanisms. Much planning and policy has been made around transitions to IPv6. The only significant transition testing that has been made available to the industry is that of dual-stack routing. Many questions remain in the operation of equipment in a transitional environment. Attend the Moonv6 test event to discover how dual-stack and other technologies can make IPv6 a reality.

DNS and DHCP. These critical applications hold the Internet together for the user. Attend the event to test and discover the reliability and other important aspects of DNS and DHCP in the IPv6 world.

Application Demonstrations. In order to achieve transition status, applications must be proven to operate over IPv6 networks. The next set of Moonv6 testing will establish a testing mechanism for both unicast and multicast applications.

UNH-IOL and JITC Involvement

The UNH-IOL and the JITC have successfully collaborated for 3 years for the advancement of Moonv6. With our combined experience and technical expertise, Moonv6 will continue to provide valuable insight to the industry.

The UNH-IOL leads the industry in neutral third-party interoperability and conformance testing. The UNH-IOL is the only test lab with a track record of testing and performing IPv6 equipment analysis and hosting group interoperability events. Through these activities, the UNH-IOL is pushing the boundaries of the IPv6 frontier.

DISA, Joint Interoperability Test Command (JITC) supports the Warfighter in their efforts to manage information on and off the battlefield. This includes: Being an independent operational test and evaluation/assessor of DISA, and other DoD Command, Control, Communications, Computers and Intelligence (C4I) acquisitions. Identifying and solving C4I and Combat Support Systems interoperability deficiencies. Providing C4I joint and combined interoperability testing, evaluation and certification. Bringing C4I interoperability support, operational field assessments, and technical assistance to the Combatant Commands, Services, and Agencies. Providing training on C4I systems, as appropriate.

Registration Information

Participants must register by July 7, 2006. To Register Online: <http://www.moonv6.net/>

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