



IST-2001-34056

Deliverable D4.3.17

"IPv6 Newsletter XVII"

Contractual date of delivery to the December 2004

European Commission

Actual date of delivery to the December 2004

European Commission

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Workpackage WP4 – Publications
Title of Deliverable IPv6 Newsletter XVII

Security Pub

Deliverable Type Website and Document

Version 1.0 Number of pages 26

Abstract This deliverable provides a short summary of the news items

published on the IPv6 Cluster website in the period November

2004 to 15th December 2004.

Keywords IPv6 IST News



Bob Shallit: He sees capital as launch pad for IPv6

Date: Monday, November 01 @ 23:56:33

Topic: IPv6 Task Force SC

Geof Lambert isn't a techie. But he believes in the liberating potential of technology.

That's why the partner in a Sacramento executive search firm has become a leading player in the global effort to improve the Internet by adopting IPv6.

Lambert heard about the effort a year or so ago. "I thought, wouldn't it be neat for Sacramento to be a little hub of brainpower for IPv6?" So he started knocking on doors, recruiting supporters and established the California IPv6 Task Force, the first regional chapter of the North American task force. Complete info at sacbee.

Accelerated Technology's Nucleus IPv6 Gets Upgrade and Official "IPv6 Ready"

Date: Friday, November 05 @ 02:29:03

Topic: IPv6 News

Accelerated Technology(R), a Mentor Graphics division, today announced availability of version 1.2 of the Nucleus(R) IPv6 software and certification of the same product as "IPv6 ready," according to the rules outlined by the IPv6 Forum. Internet Protocol (IP) version 6, or IPv6, is a network layer protocol that allows messages to be routed to different networks or subnets. The enhancements and certification of the Nucleus IPv6 software provides developers assurance that the networking applications they build are IPv6 protocol compatible and therefore able to communicate with other IPv6-compatible devices anywhere in the world. Complete information at BusinessWire.

The Internet worm comes of age

Date: Friday, November 05 @ 02:35:29

Topic: IPv6 News

At around midnight on November 2, 1988 the Morris worm, which was written by a 23 year old Cornell student called Robert Tappan Morris, was released on the then-embryonic Internet.

Sophos's Richmond told ZDNet Australia that malware is unlikely to go away over the next 16 years but it should have less impact as software companies develop their applications with security in mind – rather than as an afterthought.

Also, he said that the next generation Internet will run on IPv6, which is a communications protocol that lays the foundation for a far more secure and safe online commercial environment.

Complete information at ZDnet and News.com.

There's still life in that old Net technology

Date: Friday, November 05 @ 02:38:16

Topic: IPv6 News

The fear that the current Internet addressing scheme cannot fully support new IP-based services such as Voice-over-Internet Protocol (VoIP) may not be as serious as some pundits make it out to be, said networking giant Cisco Systems Inc.

Frendo however conceded that in the longer term, the next generation addressing scheme known as IPv6 (Internet Protocol version 6) will need to be deployed so that there will be enough IP addresses in the future.

Complete info at TechCentral.

Green Hills Software Announces Complete IPv4/IPv6 Networking Solution for Safety

Date: Friday, November 05 @ 02:40:07

Topic: IPv6 News

Green Hills Software, Inc., the market leader in safety-critical and royalty-free real-time operating systems (RTOS), today announced the immediate availability of two dual-mode IPv4/v6 Internet Protocol stacks for its RTCA/DO-178B, Level A compliant INTEGRITY-178B RTOS for safety- and security-critical applications. Complete info at TMCnet.

Is Microsoft Ready to Assert IP Rights over the Internet?

Date: Monday, November 08 @ 13:38:36

Topic: IPv6 News

Has Microsoft been trying to retroactively claim IP (intellectual property) rights over many of the Internet's basic protocols? Larry J. Blunk, senior engineer for networking research and development at Merit Network Inc., believes that might be the case. Complete information at eWeek.

A concept store for ... networking security?

Date: Monday, November 08 @ 13:41:09

Topic: IPv6 News

In response to rising demand for networking and security surveillance products and solutions, Allied Telesyn and IP Surveillance Sdn Bhd have set up a "networking and security surveillance concept store" in Kuala Lumpur.

Complete information at TechCentral.

Foundry Continues Leadership of 10 Gigabit Ethernet Market

Date: Monday, November 08 @ 13:48:06

Topic: IPv6 News

Foundry Networks(R), Inc. a performance and total solutions leader for end-to-end switching and routing, today announced a broad range of industry-leading 10 Gigabit Ethernet (10-GbE) products, including major scalability and performance enhancements for its award-winning, high-performance BigIron(R) MG8 10-GbE modular switch, new 10-GbE small form factor aggregation, workgroup and stacking switches and new 10-GbE XENPAK optical transceivers. The new products are designed to accelerate mainstream enterprise and service provider adoption of 10-GbE by adding a diverse range of high-performance, highly integrated and flexible solutions to Foundry's product portfolio at industry-leading prices starting at \$2,500 per 10-GbE port. Complete information at PR Newswire and LightReading.

IPv6 Cluster at IST2004

Date: Monday, November 08 @ 14:23:38

Topic: IPv6 Cluster News

The IPv6 Cluster is participating at the next IST2004 event, in The Hague, 15-17 November 2004.

The IPv6 Cluster projects have prepared a number of interesting demonstrations, including a digital home enabled by IPv6 and Power Line Communications and an IPv6-enabled car.

Guided tours will be organized for visitors interested in looking at the future in just 6 minutes. The brochure of the demonstations is already available in PDF format at the IPv6 Cluster web site.

For registering at the event, visit the IST2004 site.

PLC and IPv6 Business Plan

Date: Monday, November 08 @ 14:39:07

Topic: 6POWER

The 6POWER project delivered the last version of the Power Line Communications (PLC) business plan.

This document includes already some considerations regarding the cost difference of deploying PLC networks with IPv4 or IPv6.

The deliverable D1.2B is available at the 6POWER web site.

Hitachi Using NetLogic Microsystems' Knowledge-Based Processor

Date: Monday, November 08 @ 18:25:09

Topic: IPv6 News

NetLogic Microsystems, Inc., a leader in the design and development of knowledge-based processors, and Hitachi Ltd., a leading global electronics company, today announced that NetLogic Microsystems' NL5512 knowledge-based processors are incorporated into Hitachi's GR4000 and GS4000 gigabit router and switch families that support IPv6 and 10G Ethernet.

Complete information at TMCnet.

Cavium Networks Introduces Industry's First PCI-Express Security Accelerator

Date: Monday, November 08 @ 18:28:24

Topic: IPv6 News

Cavium Networks, the cost and performance leader in content and security processing, today announced NITROX XL NPX Security Accelerator Card family with PCI-Express connectivity in a standard PCI card form-factor, along with comprehensive software support.

Complete information at Yahoo!Finance.

Marconi Partners With Bay Microsystems on New Media and Protocol Gateway

Date: Monday, November 08 @ 18:32:42

Topic: IPv6 News

Bay Microsystems, Inc., an industry leader in packet processing solutions, and Marconi Corporation plc today announced a partnership that enables Marconi to provide its customers with a unique, high capacity (10Gbps), cost- effective and flexible Media and Protocol Gateway, the MPG(TM)-1000. Complete information at mysan.de.

The IPv6 Forum Embarks on Worldwide Promotion Plan

Date: Wednesday, November 10 @ 21:20:09

Topic: IPv6 Task Force SC

The IPv6 Forum and the North American IPv6 Task Force (NAv6TF) and 30 affiliates worldwide are embarking on a large-scale promotional plan for the remainder of 2004 and for 2005. A total of eighteen IPv6 events, four of which will take place in the U.S., will be held worldwide. Supported by the best of breed partners, volunteers and pioneers of IPv6, 14,000 engineers will be trained at the events worldwide. Complete information at marketWire.

iBIT First to Market with Certified Korean IPv4-IPv6 Access Router Using 6WIND

Date: Wednesday, November 10 @ 21:24:26

Topic: IPv6 News

iBIT Technologies, one of the world's first certified IPv6-ready equipment vendor, announced today, Korea's TTA (Telecommunications Technology Association) certification of the company's new IPv4-IPv6 access router, Forsix 3200, which integrates 6WIND's cutting edge IP-agnostic networking software, 6WINDGate (TM). This has made iBIT's Forsix 3200 access router, the first home-grown IP networking product to have successfully passed the national IPv6 conformance test guidelines to be ready for commercialization. Complete information at BusinessWire.

NextHop develops entry-level routing software

Date: Wednesday, November 10 @ 21:28:09

Topic: IPv6 News

Software developer NextHop Technologies has unveiled its GateD entry-level routing software (ERS) suite for equipment designers looking to bring routing functionality to branch office, SoHo, or smaller scale sites. Complete information at CommsDesign

Standards Watch: IPv6 Leveling the Playing Field?

Date: Thursday, November 11 @ 18:24:38

Topic: IPv6 News

As IPv6 could open up new genres of applications, its huge address space could also enable innovative billing and OSS capabilities that will make new services more economically feasible.

Currently, billing complexity often increases with the number of applications because of DHCP, which IPv4 uses forto better utilization of existing address space. By assigning one user one address for a limited time, DHCP enables IP addresses to be renewed or given back to a pool of addresses for re-use. Complete article at Billing World.

Senforce Joins Trusted Computing Group To Advance Open Information Security

Date: Monday, November 15 @ 21:05:30

Topic: IPv6 News

Senforce Technologies™ Inc., the leader in location-aware enterprise endpoint security, today announced its membership with the Trusted Computing Group (TCG). TCG is an industry standards body composed of software vendors and computer device manufacturers. The common goal is to improve data security and privacy of online business practices and commerce transactions across multiple platforms. Complete information at Onlypunjab.

IPv6 Vendors Test Voice, Wireless and Firewalls on the Moonv6 network

Date: Monday, November 15 @ 21:09:33

Topic: IPv6 Task Force SC

A new round of tests on the Moonv6 network stretching from New Hampshire to California has pushed IPv6 testing into new territory by venturing into voice, wireless, firewalls and a host of advanced network and application-layer tests, the North American IPv6 Task Force (NAv6TF) and the University of New Hampshire InterOperability Laboratory (UNH-IOL) have announced.

The focus of the testing was to move IPv6 technology forward through a new round of advanced deployment and functionality scenarios. The November event combined test plans from multiple network operators, the UNH-IOL, the JITC and participant equipment vendors. Complete information at BusinessWire and CNET.

Spirent helps DOD complete IPv6 testing

Date: Monday, November 15 @ 21:12:13

Topic: IPv6 News

Spirent Communications has played a key role in both test provision and test design for the Defense Department's November interoperability exercise of Internet Protocol Version 6 capabilities, completed this week in Arizona.

Complete information at **CommsDesign**.

Defense continues its march toward IPv6

Date: Monday, November 15 @ 21:17:09

Topic: IPv6 Task Force SC

The Defense Department has completed a third round of testing for the department's migration to the next-generation IP.

The November tests simulated real-world traffic on the world's largest native IP Version 6 test bed to review quality of service, multicast capability and security. The Army's Joint Interoperability Test Command at Fort Huachuca, Ariz., also tested voice over IPv6 for the first time. Complete information at GCN News.

NRO Response to ITU Comments on the Management of Internet Protocol Addresses

Date: Monday, November 15 @ 21:38:33

Topic: IPv6 Task Force SC

On 21 October 2004, the Director of ITU TSB published a memorandum, "ITU and Internet Governance" for public comment. The Number Resource Organization (NRO) respectfully offers this public response on behalf of the Regional Internet Registries: APNIC, ARIN, LACNIC and RIPE NCC.

The IPv6 address space distribution proposal in the ITU memorandum overlooks the success of the RIRs in including public and private sector considerations in open regional policy development processes. It also disregards the widely accepted and long-held views that IP addresses are endpoint network identifiers that intrinsically have no national attributes, and that allocation principles regarding their distribution must be guided primarily by technical considerations relating to the viability of the operation of the Internet. The complete NRO document is available at the NRO site, with a summary at the same site.

To show your support, please email to: <u>im-support@ripe.net</u>. An email archive of expressions of support will be available at <u>RIPE site</u>.

The ITU document is available at the the ITU site.

Wind River releases three platforms for connectivity, security, messaging

Date: Friday, November 19 @ 03:05:46

Topic: IPv6 News

Wind River Systems Inc. recently introduced three market-specific platforms (MSPs) that reportedly support all phases of the device software development process from concept to deployed product. Complete information at Control Engineering.

Nokia demos first mobile call using IPv6

Date: Friday, November 19 @ 20:04:40

Topic: IPv6 News

Nokia Tuesday said it has developed a prototype handset that supports Mobile IPv6, a version of the protocol that will help to improve the quality of VoIP, streaming video and other applications delivered to wireless devices.

In its booth at the 3G World Congress show in Hong Kong, Nokia showed a video clip being streamed to its IPv6 phone, which also supports the current version of the protocol, IPv4. It was the first public demonstration of a call being made to a phone using IPv6, according to Nokia. Complete info at NetworkWorldFusion, PhoneContent, DigitalMedia Europea, NetworkingPipeline, TechTree, SymbianOne, CXOToday, VNUnet, CRN and TheRegister.

IPv6 to get boost from non-traditional devices

Date: Friday, November 19 @ 20:05:56

Topic: IPv6 News

Stan Barber, a vice president with Englewood, Colo.-based Verio Inc., an Internet infrastructure and IPv6 service provider, says mobile and consumer devices will drive U.S. IPv6 adoption, and that uptake could happen faster than many expect.

SearchNetworking.com spoke with Barber at the recent Next Generation Networks conference about the future of IPv6.

Complete interview at SearchTechTarget.

IPv6 Shooting For The Moon

Date: Saturday, November 20 @ 15:04:38

Topic: IPv6 Task Force SC

IPv6, the next generation Internet protocol, has successfully undergone the third phase of a test regimen across a test network known as Moonv6.

Phase 3 of Moonv6 testing began on October 30th at University of New Hampshire's InterOperability Laboratory (NH-IOL) and was concluded on Nov 12th by the U.S. Defense Department's Joint Interoperability Test Command (JITC) in Fort Huachuca, Arizona, according to researchers involved with the test.

Complete information at InternetNews and EnterpriseITplanet.

Sentivist IPS

Date: Saturday, November 20 @ 15:09:01

Topic: IPv6 News

Confidence Indexing is what makes NFR Security's Sentivist IPS stand out from other products. Through this scoring and correlation engine, Sentivist detects attacks with few false positives, allowing enterprises to use its automated response features without breaking mission-critical apps.

Sentivist includes monitoring for both IPv6 and IPv4, and can detect when someone is tunneling IPv6 through IPv4. Some might scoff at IPv6 threats today, but NFR is probably right in anticipating more attacks using this protocol.

Complete information at SearchSecurity.

California Launches First Sub-Chapter of the North American IPv6 Task Force

Date: Saturday, November 20 @ 15:14:04

Topic: IPv6 Task Force SC

The California IPv6 Task Force announced today it is the first North American affiliate chapter to be recognized by the North American IPv6 Task Force (NAv6TF), the guiding force for adoption of IPv6, the next generation Internet protocol.

Sanctioned by the IPv6 Forum, the North American IPv6 Task Force is the leading force for IPv6 adoption and readiness in the United States and Canada.

The California IPv6 Task Force (CAv6TF) launched in June 2004, will support and drive IPv6 state seminars and events.

Complete information at OnlyPunjab.

Wipro Receives HP IPv6 Solution Partner Award

Date: Saturday, November 20 @ 15:16:43

Topic: IPv6 News

Wipro Technologies, the global IT services division of Wipro Limited announced that it has been awarded the "HP IPv6-Ready Solution Partner" certification at the International Tandem Users Group (ITUG) Summit 2004, held in San Jose, California (USA).

Complete information at **TMCnet** and **DM Asia**.

Thoughts on IPv6 Day

Date: Saturday, November 20 @ 15:21:19

Topic: IPv6 News

Jeff Pulver proposed an interesting idea called IPv6 Day:

"Collectivity we should pick a day, at some point in the near and foreseeable future and push everyone to reboot themselves and make it such that from that point forward, IPv6 will be supported on all networks which interact with the public Internet."

Complete article at CircleID.

Largest-Ever U.S. Event Focused on IPv6 Will Take Place in Reston, VA

Date: Saturday, November 20 @ 15:31:19

Topic: IPv6 News

From December 8th through December 10th, government, military and technology industry leaders will gather at the largest-ever U.S. event to discuss the new Internet.

More than 500 people are expected to attend the conference, which will include presentations from more than 35 experts representing the military, government, educational and research institutions and corporations. IPv6 Summit today announced details of the conference along with keynote speakers. Complete info at marketWire.

ICANN Releases Strategic Plan for Public Comment with IPv6 support

Date: Saturday, November 20 @ 16:11:44

Topic: IPv6 Task Force SC

This Strategic Plan sets the direction and establishes the three-year goal for ICANN's staff and operational functions: To enable ICANN and its structures to serve a global Internet community in fulfilling ICANN's Mission, and to complete the initiating MOU process, by establishing an effective, international, inclusive, stand-alone ICANN.

The plan includes several references to IPv6.

The opening of the gTLD registrar market has brought tremendous innovation in terms of new services and seamlessly linking value added services to domain name registration. To maintain that innovation, as well as their core services, registration providers rely on unique access to the global Internet domain name system and associated technical coordination. ICANN and its structures fulfill that need by providing several services to registration providers, including facilitating the introduction of new technologies such as IPv6. Complete information and comments posting at the ICANN site.

IPv6 nameserver for .uk

Date: Tuesday, November 23 @ 12:25:31

Topic: IPv6 News

Nominet are pleased to announce that they now have a .uk nameserver operating with IPv6 connectivity. This is the first .uk nameserver to be accessible in this way and Nominet are planning to make more of their nameservers similarly accessible in the coming months. Nominet would like to thank UKERNA/JANET, who provide connectivity to this nameserver, for their support. This nameserver is ns4.nic.uk and is now accessible by the IPv6 address of 2001:630:181:35::83, as well as the IPv4 address of 194.83.244.131.

IPv6 product testing needed, experts say

Date: Thursday, November 25 @ 09:05:38

Topic: IPv6 News

IPv6 products need more conformance testing. That's the conclusion of network industry heavy hitters AT&T, Cisco Systems, Juniper Networks, Lucent Technologies, Microsoft and others, which are developing products that support IPv6, the next generation of the Internet's main communications protocol.

Sixteen vendors recently completed a third round of interoperability tests on Moonv6, the largest native IPv6 backbone. Moonv6 is a joint operation of the University of New Hampshire (UNH) InterOperability Laboratory, the U.S. Department of Defense, the North American IPv6 Task Force and the Internet2 university consortium.

Complete information at ARNnet.

eSOL Releases a IPv4/IPv6 Dual Stack Solution

Date: Monday, November 29 @ 08:18:20

Topic: IPv6 News

On November 9, eSOL started the shipment of PrCONNECT/Dual, an IPv4/IPv6 dual stack solution for embedded systems.

Prconnect/Dual is based on the high-speed TCP/IP protocol stack "Prconnect" whose performance exceeds 50 Mbps. Developers can use Prconnect/Dual for the development of embedded devices with both IPv4 and IPv6 host addresses and can support both protocols. Complete info at IPv6style.

Yamaha Announces a New ISDN Backup Router

Date: Monday, November 29 @ 08:20:28

Topic: IPv6 News

Yamaha announced the general availability of RT250i, ISDN backup router, starting in mid January 2005. RT250i can be used as 8BRI or 1PRI router by having optional BRI or PRI expansion module in its expansion slot. The firewall feature with dynamic/static filtering supports IPv6 with the same functionalities as IPv4. Thus, the same level of security can be achieved for both IPv4 and IPv6. Complete info at IPv6style.

Trend Micro Joins a New Field Trial for IPv6 Deployment

Date: Monday, November 29 @ 08:24:25

Topic: IPv6 News

Trend Micro announced on November 12 that the company will start collecting various data in the IPv6 Deployment Field Trial for future commercialization. Trend Micro and NTT Communications (NTT Com) will jointly run a field trial for IPv6 transition of client and server environments, from November 15, 2004 to March 31, 2005.

Complete information at IPv6style.

Softfront Discloses m2m-x Enabled Prototypes, Together with NTT Com

Date: Monday, November 29 @ 08:28:12

Topic: IPv6 News

Softfront, jointly with NTT Communications, will unveil prototypes of m2m-x enabled IP telephony system that leverages IPv6, at Global IP Business Exchange 2004 (Nov 16 - 18) in Tokyo International Forum. Complete information at IPv6style.

IRI-Ubited and Matsushita Electric Works Develop IPv6 Energy Saving System

Date: Monday, November 29 @ 08:30:45

Topic: IPv6 News

RI-Ubiteq, a subsidiary of Internet Research Institute, announced that the company and Matsushita Electric Works jointly developed Building eXchange (BX), an IPv6-enabled network gateway for building equipment management.

Complete info at IPv6style.

Grand Prix for the IPv6 Appli- Contest 2004 Announced

Date: Monday, November 29 @ 08:33:11

Topic: IPv6 News

The award ceremony for the IPv6 Appli- Contest 2004, sponsored by IPv6 Promotion Council, was held at the venue of the Global IP Business Exchange 2004 at Tokyo International Forum on November 16.

The Contest has three categories, the Idea, Implementation, and Advertising, for which the applications had been accepted since June.

Complete information at IPv6style.

Panasonic to Release IPv6/VPN Enabled Wireless Router

Date: Monday, November 29 @ 08:35:55

Topic: IPv6 News

Matsushita Electric Industrial (Panasonic) will start sales of a camera control unit BL-BR30, wireless LAN adaptor BL-WA30, home network camera wireless package BL-C30K1 and dedicated recording program for home network cameras BL-CP200 on December 17. Complete information at IPv6style.

Home Appliances get Connected

Date: Monday, November 29 @ 08:39:10

Topic: IPv6 News

It is easy to grasp the advantages of connecting PCs to network. Rather, it is hard to see any significant advantages in PCs if they don't have the ability to visit Web sites nor exchange e-mails these days. Current PCs offer values largely by connecting to network.

The value of connecting home appliances, especially white goods, is not as obvious as the value of connecting PCs. Most white goods at present do not offer network connection, but that doesn't present any problems. Network connection may offer some convenience, but no significant inconvenience would occur from lack of connection.

Complete information at IPv6style.

Ixia Deploys Test Platform Across Government Network for "Moonv6"

Date: Monday, November 29 @ 17:41:44

Topic: IPv6 News

Ixia, a leading, global provider of IP network testing solutions, announced that its IxChariot application testing solution is deployed at several government locations creating a real-world test scenario by transmitting VoIP traffic and QoS mechanisms within the "Moonv6" IPv6 network. Complete information at TMCnet.

VoIP network security test equipment

Date: Wednesday, December 01 @ 16:00:54

Topic: IPv6 News

AGILENT Technologies has demonstrated that its security and content networking-performance tester is the first to validate firewall performance for VoIPv6 (Voice over Internet Protocol version 6).

With the ability to emulate both voice and data applications simultaneously, Agilent's N4180A NetworkTester can identify and solve IPv6 implementation issues such as the ability of IPv6 networks to offer higher-quality voice services while carrying Web and e-mail traffic and blocking denial-of-service attacks. Complete information at Ferret.

The tangled Internet: Is it time for a new one?

Date: Thursday, December 02 @ 09:21:57

Topic: IPv6 News

By some counts, the Internet turned 35 years old this fall. But far from entering middle age, it seems to be growing into a rebellious teenager who has no idea what he will be when he grows up.

It could become a safer, more secure medium running 1,000 times as fast as today. Or it could turn into a delinquent's paradise, where spam, scams, viruses, and pornography drive legitimate users away. The Internet, some observers say, could collapse in the next few years under the strain. Complete article at CSmonitor.

China's First IPv6 Special Commission Established

Date: Thursday, December 02 @ 09:24:59

Topic: IPv6 News

With approval from the Beijing Civil Administration, the Beijing Communications Information Association IPv6 Application Promotion Commission was established yesterday. The Commission is the first of its kind in China committed to IPv6 network and technology development.

The Commission is responsible for putting forward proposals on the application, development and promotion of IPv6 in Beijing. It also coordinates activities between different enterprises; organizes concrete work concerning IPv6 application; popularizes and promotes IPv6; and tries to find innovative ways for IPv6's application.

Complete information at ChinaTechNews.

Interpeak's IPNET Secures IPv6 READY Approval

Date: Thursday, December 02 @ 09:28:57

Topic: IPv6 News

Interpeak, a pioneer of Internet and security protocol solutions for embedded systems, today announced that IPNET, the company's full-featured dual mode IPv4/IPv6 TCP/IP stack, has successfully passed the IPv6 Forum's requirements for using the IPv6 READY logo. Approval to use this logo bears witness to the work that Interpeak has performed in the IPv6 arena and signals to developers that IPNET is fully compliant with existing IPv6 standards.

Complete information at <u>LinuxDevices</u> and <u>BusinessWire</u>.

New Internet Summit Seen as Instrumental to Military Transformation Technologies

Date: Saturday, December 04 @ 08:45:42

Topic: IPv6 News

IPv6 Summit, Inc., announced today that Dr. Linton Wells, Deputy Secretary of Defense, joins the "Four Fathers of the Internet" at the premier New Internet conference, the U.S. IPv6 Summit 2004. The event will be held at the Hyatt Regency in Reston, VA, on December 8-10.

As Chief Information Officer of the Department of Defense, Dr. Wells has a profound understanding of IPv6, a transformational technology that the Pentagon sees as crucial to Net Centric Warfare and battlefield intelligence sharing. Dr. Wells is joined at the conference by all four "Fathers of the Internet" -- Drs. Vinton Cerf, Lawrence Roberts, Robert Kahn and Leonard Kleinrock -- offering attendees a very rare and exciting opportunity to gain a glimpse of the future Internet's trajectory from the giants who set it in motion thirty years ago.

Complete information at marketWIRE.

6th IPv6 Interoperability Test Event

Date: Monday, December 06 @ 22:20:52

Topic: IPv6 News

The TAHI Project is organizing a new IPv6 Interoperability Test Event that will be held in Chiba, Japan, from January 24th to January 28th.

Complete information at the TAHI site.

IPv6 Ready Logo Program: Phase 2

Date: Monday, December 06 @ 22:25:29

Topic: IPv6 News

The IPv6 Ready logo program is about to launch the 2nd phase, and several procedures are under the public review period.

New vendors got recently their porducts approved for phase 1. Complete information at the IPv6 Ready site.

New Task Force Aims to Improve SIP Interoperability

Date: Monday, December 06 @ 22:29:42

Topic: IPv6 News

On December 1, most of major Japanese VoIP equipment vendors and service providers joined forces with related organizations to establish a task force for VoIP/SIP interoperability.

The task force activities are IP-version-agnostic, and they say they will look at both IPv4 and IPv6. Complete information at IPv6style.

Yamaha to Release New IPv6-enabled Business VPN Products

Date: Monday, December 06 @ 22:32:14

Topic: IPv6 News

Early February 2005, Yamaha will start marketing a new model in its RTX router series for SOHO or small to medium-sized networks. The "RTX1100", an Ether-access VPN router, has 3 Ethernet ports (10BASE-T/100BASE-TX) and offers a maximum VPN (IPsec) throughput of 100Mbps which is achieved by hardware encryption processing and routing capacity. It has realized the hardware encryption processing of DES/3DES and AES.

Complete information at IPv6style.

UOPF to Explore IP Connection of Home Appliances

Date: Monday, December 06 @ 22:36:16

Topic: IPv6 News

On November 25, the Ubiquitous Open Platform Forum (UOPF) announced that its "safe, simple and low-cost M2M real-time connection" Working Group that examines video communication and home appliance control using TVs, monitoring cameras and other devices, will start examining the possibility of IPv6 implementation on devices and network services as a necessary technical condition for network connection. Complete information at IPv6style.

NEC launches IPv6 enabled high-speed access router

Date: Monday, December 06 @ 22:43:16

Topic: IPv6 News

NEC launched on November 24 UNIVERGE IX2004, an IPv4/v6 dual-stack access router. It achieves a maximum throughput of 100Mbps and IPsec communication with up to 32 peers. This product includes preinstalled optional functions called "IX2000 redundant configuration function enhancement software set" and "IX2000 IPsec acceleration enhancement software set". Complete information at IPv6style.

Japan, China, Korea agree to promote IPv6 interconnection

Date: Monday, December 06 @ 22:45:54

Topic: IPv6 News

The IPv6 Promotion Council announced that director level officials in charge of IPv6 deployment in Japan, China and Korea held the second meeting of the Next Generation Internet Working Group in Tokyo on November 16.

During this meeting, three countries agreed to collaborate with one another in supporting the activities aimed at ensuring interoperability and interconnection of IPv6-enabled equipment, such as the IPv6 Ready Logo Program.

Complete information at IPv6style.

6QM workshop, 14th December 2004, Berlin

Date: Monday, December 06 @ 22:58:40

Topic: 6QM

The 6QM project is organizing a workshop on IPv6 QoS Measurement, in Berlin, next 14th of December.

The workshop will bring together experts in the field for information exchange and discussion of strategic option on how to profit from work done within the 6QM project and potential future continuation of such activities beyond the lifetime of the project.

Complete information and registration at the 6QM site.

Native6 Delivers High-End IPv6 Training & Integration Services

Date: Monday, December 06 @ 23:09:32

Topic: IPv6 News

Native6, Inc., the leader in professional services for IPv6 education and integration, today announced a comprehensive update to the popular course, Building IPv6 Networks, the completion of a major IPv6 training program for Cisco Systems, the IPv6 Accelerate Program, and the availability of a new Native6 course, IPv6 for Programmers.

Complete information at Business Wire.

France Telecom Signs IPv6 Clients

Date: Monday, December 06 @ 23:13:06

Topic: IPv6 News

Research networks Belnet and Renater, and ISP Probe Networks, have signed up for France Telecom's IPv6 option, one of the first available on the international Internet transit market.

By including IPv6 in their outsourced international capacity, the three players can effectively anticipate and manage the growing uptake of next-generation applications and technologies.

For France Telecom, these deals mark the commercial launch of its IPv6 option for international carriers and ISPs.

Complete information at LightReading and DMeurope.

HP taps S2io for 10-Gigabit Ethernet

Date: Wednesday, December 08 @ 10:28:41

Topic: IPv6 News

Hewlett-Packard Co. has tapped 10-Gigabit Ethernet developer S2io Inc. to supply its Xframe adaptor for HP's server line.

XFrame is the first in a series of adaptors for server and storage connectivity. The current version includes IPv6 Internet address support and 10-Gigabit speeds without compromising TCP/IP integrity. Complete information at CommsDesign.

With IPv6, DOD is again an Internet leader

Date: Thursday, December 09 @ 00:18:30

Topic: IPv6 News

The United States is behind the curve on deployment of the next generation of Internet protocols, but the Defense Department's decision to transition to IP Version 6 is helping to move the nation ahead, said Alex Lightman, chairman of the U.S. IPv6 Summit.

Networking experts from government, industry and academia are attending the three-day IPv6 summit, being held in Reston, Va. Many are there to listen to DOD plans for moving to IPv6 under Charles Lynch, head of DOD's IPv6 Transition Office.

Complete info at GCN.

Microsoft's next OS will have IPv6 built in

Date: Thursday, December 09 @ 00:20:36

Topic: IPv6 News

Microsoft Corp. is making IPv6 the foundation of its next major operating system release, codenamed Longhorn.

Longhorn, expected to be beta tested next year, with release in 2006, will be fully compatible with IPv6, with the new version of the Internet protocols turned on by default and used as the preferred transport, said Sinead O'Donovan, Microsoft product unit manager for Internet protocols. Users will be able to turn off IPv4 and run Longhorn with IPv6 only. There also will be support for the new protocols across Microsoft's product line of applications, she said.

Complete information at GCN.

PLT Plugtests go live at ETSI

Date: Thursday, December 09 @ 16:32:44

Topic: 6POWER

One of the major attractions to the ETSI Powerline Plugtests[™] event, taking place over the last two weeks has been the availability of a sophisticated and dedicated test bed provided by the ETSI Plugtests service at ETSI and, a week later, field tests on a Medium and Low Voltage Network at EDF, close to Paris, from the 22nd to the 26th November.

The tests have been carried out using technology and knowledge from the IPv6 Cluster project 6POWER, which indeed included IPv6 over Power Line.

Complete information at ETSI pressroom.

DoD targets IPv6 as catalyst for net-centric warfare

Date: Thursday, December 09 @ 19:56:47

Topic: IPv6 News

The Defense Department is attempting to flesh out its vaunted but vague network-centric battle plan by pushing development and standards for the next-generation Internet protocol, IPv6.

Linton Wells, DoD's chief information officer, said the military needs an IPv6-based "global information grid" that would have hugely expanded capacity while providing secure, mobile communications to the edge of the network. "Network security can't become the Achilles heel" of Pentagon networks," Weeks said. "At the core of everything we do is building security into our networks." Complete info at CommsDesign.

Enroute to IPv6, DOD to help define standards

Date: Friday, December 10 @ 16:52:13

Topic: IPv6 News

All the Defense Department's IT acquisitions are supposed to work with IPv6 in preparation for the 2008 migration to the new version of the Internet protocols. Therefore the first thing the department's IPv6 Transition Office has to do is decide what it means to be IPv6 capable and help define the standards for implementing the protocols, Transition Office staffers said Thursday at the U.S. IPv6 Summit in Reston, Va.

The office is currently defining the technical requirements for various categories of hardware and software products, said Alan Sekelsky of SI International Inc., Reston, Va., which has a support contract for the office. Complete information at GCN.

DOD is developing a roadmap for getting to IPv6

Date: Friday, December 10 @ 16:56:25

Topic: IPv6 News

Defense Department networks will have to demonstrate that they are capable of running securely and reliably under IP Version 6 before receiving approval to use the new protocols.

Networks will receive authorizations to run at two levels before proceeding to the first level of operational capability, said James Schifalacqua, part of the Transition Office support team from SI International Inc. Information assurance will be a key element in receiving authorization to operate, Schifalacqua said Thursday at the U.S. IPv6 Summit in Reston, Va. Complete information at GCN.

IPv6 marches forward

Date: Sunday, December 12 @ 09:26:27

Topic: IPv6 News

An excellent InfoWorld article By David L. Margulius December 10, 2004 on the uptake of IPv6 in Asia and its potential impact on the rest of the world.

The next-generation Internet Protocol could spark a new generation of embedded and mobile network applications. This just in from the strange-but-true-deployments department: Hundreds of cows and taxicabs in Japan have their own unique IP addresses.

Recently, cows in Gifu prefecture were tagged with tiny networked devices to wirelessly track their movements and body temperatures for health and breeding purposes. And in Nagoya City, taxis were fitted with Internet-enabled sensors on their windshield wipers, allowing dispatchers to continuously monitor rainfall via wiper speed and to dispatch more cabs to the wetter neighborhoods.

Overkill? Wasteful? Maybe -- if we were talking about today's technology. These two projects were designed not merely as gimmicks, but as part of a Japanese government plan to promote adoption of the next-generation Internet Protocol, IPv6."

Complete article at InfoWorld

CyberTerroism Threats

Date: Sunday, December 12 @ 09:26:49

Topic: IPv6 News

Protecting your systems from attack is a key task of course, but I've got serious doubts about the effectiveness of any of the CyberTerror studies etc sponsored by the Federal govt. I can't think of anything that has come out of the boatloads of money spent other than very vauge and broad guidelines that are "suggestions".

What I wonder is, would moving to IPv6 be of any assitance in hardening the nations infrastructure? Complete article at WindowsITPro.

Taiwan network-equipment makers eyeing IPv6

Date: Monday, December 13 @ 10:46:57

Topic: IPv6 News

Taiwan network-equipment makers DrayTek, Zyxel Communications and Delta Networks, have joined Chunghwa Telecom (CHT) Labs, Intel Innovation Center (Taiwan) and Alpha Networks in being granted the "IPv6 Ready" logo for their products, according to the companies.

The products include home gateways, SOHO (small office, home office) routers, wireless ADSL IADs (integrated access devices) and host systems.

Complete information at DigiTimes.

Juniper Networks on IPv6 and MPLS networking in Asia

Date: Wednesday, December 15 @ 06:53:55

Topic: IPv6 News

Juniper Networks has been building up its presence in Asia for some time now, primarily concentrating on modernizing its networking business with the goal of creating a competitive advantage for its customers with its networking and security solutions.

Juniper Networks' customer base includes global network operators, enterprises, government agencies and research and educational institutions. Juniper Networks' range of networking and security solutions supports the security and performance requirements of mission-critical networks.

Complete interview at DigiTimes.