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Abstract	This deliverable provides a short summary of the news items published on the IPv6 Cluster website in the period March 2004 to April 2004.
Keywords	IPv6 IST News



NEC to Globally Launch "UNIVERGE" Architecture, Cornerstone of IT/Network

Date: Monday, March 01 @ 11:14:07

Topic: IPv6 News

NEC Corporation today announced the global launch of a new IP architecture, UNIVERGE, that unifies systems for business and vertical market applications and multimedia networks.

The first phase of the "UNIVERGE" global launch includes a SIP telephony server, a wireless LAN and an IPv6-based high-speed access router.

Click [here](#) for the complete info.

IPv6 Overall Status, new release

Date: Monday, March 01 @ 11:20:18

Topic: IPv6 Task Force SC

The IPv6 Task Force Steering Committee released an updated version of the ["IPv6 Overall Status"](#) deliverable.

The document describes the Global IPv6 status and recent changes in deployment and efforts done worldwide.

2nd Open DHCPv6 Interoperability Testing Event

Date: Monday, March 01 @ 22:32:31
Topic: IPv6 News

The 2nd DHCPv6 Open Interoperability Testing Event will be held in Tokyo on March 22-24, 2004. The event follows the successful 1st DHCPv6 Open Interoperability Testing Event that was held in Vienna on July 18-19 in 2003. The host is again NEC.

Click [here](#) for the complete info.

59th IETF meeting showcases latest broadband technology

Date: Monday, March 01 @ 22:36:24
Topic: IPv6 News

Some 1,000 Internet experts have begun to work on fast-evolving standard and technology issues at the 59th Internet Engineering Task Force Meeting held in Korea. Leading the industry standard is crucial for the high-tech sector, and the IETF meeting in Seoul should provide a chance for Korean companies and researchers to catch up with other advanced countries and adopt new trends quickly," said Lim Joo-hwan, director of the ETRI, the country's largest IT research institute.

Click [here](#) for the complete info.

Global IPv6 Summit 2004 in China

Date: Tuesday, March 02 @ 14:22:19
Topic: IPv6 News

Next Global IPv6 Summit will be held in Beijing, China, April 12-14, 2004. As of the end of 2003, the number of Internet users in China rose by 34.5 percent over the last one year to 79.5 million only second to US in the world.

With the support from China government, the major Carriers in China are starting to build a large multiple high level network platforms connected by IPv6, known as China Next Generation Internet (CNGI).

Click [here](#) for the complete info.

IPv6: Asia will lead the way

Date: Wednesday, March 03 @ 11:33:26

Topic: IPv6 News

Increased use of IP addresses in Asia likely to propel IPv6 adoption.

The question that arises then is: when do we need to adopt IPv6 before IPv4's shortcomings get out of control?

Adam Judd, vice president for Juniper Networks in Asia Pacific, agrees with Gartner's analysis but notes that some countries may actually start adopting IPv6 much earlier.

Click [here](#) for the complete article.

Hidden in New Hampshire, networking's coolest classroom

Date: Wednesday, March 03 @ 11:47:51

Topic: IPv6 News

Goubert, a manager at the lab, quickly told us that the IOL had just received approval to pre-certify 802.11 products on behalf of the Wi-Fi Alliance.

Over in the IPv6 testing area, students were using a Polycom IPv4 videoconferencing system running a IPv6 native link over Internet2 to connect to remote sites.

Click [here](#) for the complete article.

IPv6 Network Programming from Nokia

Date: Wednesday, March 03 @ 15:27:20

Topic: IPv6 News

Nokia recently published a document regarding the porting of applications written for Symbian OS v6.0 or earlier, in order to support IPv6 in the OS v7.0.

The series 80 Developer Platform 2.0, is available as [IPv6 Network Programming 1.0](#).

Nokia 9500 Communicator with IPv6

Date: Wednesday, March 03 @ 15:39:17

Topic: IPv6 News

Nokia announced recently that the 9500 Communicator will be available in the 4th Quarter of 2004, with IPv6 support.

Click [here](#) for the complete info.

WiFive™ Phone – Polypix wins “Planet PDA Product of the Year” Award

Date: Wednesday, March 03 @ 16:04:16

Topic: IPv6 News

Polypix, a NGN solution provider, announced that its WiFive™ Phone has been awarded the “PlanetPDA Product Of The Year 2003” by TMC (Technology Marketing Corporation), IT related leading media company in the US.

Moreover, last December, WiFive Phone was selected as SIP-based VoIP pilot service solution for the IPv6 based next generation network implementation project of KNCA (Korea National Computerization Agency) and was supplied with SIP servers as well.

Click [here](#) for the complete info.

ICANN Fleshes Out Global Ambitions

Date: Wednesday, March 03 @ 22:20:39

Topic: IPv6 News

The International Corporation for Assigned Names and Numbers (ICANN) continues its tri-annual get-together in Rome this week, as Internet enthusiasts, big-name corporations and government entities discuss the organization's plans to expand its presence globally.

On tap for the week are discussions ranging anywhere from Internet governance to IPv6 to individual representation within the organization.

Click [here](#) for the complete info.

Internet community more constructive says Cerf

Date: Wednesday, March 03 @ 23:47:05
Topic: IPv6 News

The advent of IPv6 "will make the internet bigger", but not easier to run, Cerf says. But IPv6 will get us away from the need to use address translation boxes, which do not always jibe well with security considerations, he says.

Click [here](#) for the complete info.

Procket Puffs Tokyo Project

Date: Thursday, March 04 @ 00:10:23
Topic: IPv6 News

Procket Networks Inc. says it has bagged another contract, this time with a service provider in Japan. Procket's PRO/8801 routers will go into the Tokyo-based IP backbone of Media EXchange Inc., a seven-year-old service provider that caters to businesses. Fujitsu Ltd. is contributing high-end switches to the backbone, and integrator Tokyo Electron Ltd. is helping with the project as well (see Japanese Provider Signs Procket).

Click [here](#) for the complete info.

Juniper Gets 'Kan-ed'

Date: Thursday, March 04 @ 00:11:40
Topic: IPv6 News

Juniper Networks, Inc. today announced that the State of Kansas has selected the M7i routing platform for its new educational statewide IP/MPLS network. The Kansas Board of Regents, which oversees the Kan-ed network project, selected the Juniper Networks M7i routing platform based on its ability to deliver high performance filtering, multicast, Quality of Service, security, IPv6, VPNs, and MPLS in a compact and cost-effective package.

Click [here](#) for the complete info.

PalmSource eyes enterprise, device variety with new OS

Date: Thursday, March 04 @ 00:13:15
Topic: IPv6 News

PalmSource Inc. unveiled its latest handheld OS, adding a host of features for business users and support for different device types such as tablets and portable media players. PalmSource has added support for a newer version of the Internet protocol, IPv6. Click [here](#) for the complete info.

Japan group formed for Net-enabled electronic goods

Date: Thursday, March 04 @ 00:14:05
Topic: IPv6 News

Fourteen Japanese consumer electronics and telecommunication companies plan to work together to hammer out networking specifications for consumer electronics devices that can access the Internet. The members are also planning to launch worldwide marketing of Internet-enabled appliances and an IPv6 implementation of the technology.

Click [here](#) for the complete info.

PalmSource: Successfully Going Where Apple Feared to Tread

Date: Thursday, March 04 @ 00:14:48
Topic: IPv6 News

Hidden in the rhetoric of the announcements PalmSource made on Tuesday is an impressive series of accomplishments showing that the company is reaching its stride and beginning to execute. Finally, this OS version also supports IPv6, which, while not critical today, will be critical for the future as the Internet expands.

Click [here](#) for the complete info.

Asia to lead in IPv6

Date: Thursday, March 04 @ 06:03:59
Topic: IPv6 Task Force SC

Taking Internet protocol version 6 from the research and testing sphere to the consumer market is a major challenge facing the Asia-Pacific IPv6 Task Force (IPv6TF).

Working towards the adoption of IPv6 is vital to combat the challenge of depleting address space with the current protocol.

Click [here](#) for the complete info.

Moving towards IPv6

Date: Thursday, March 04 @ 06:07:59
Topic: IPv6 News

For years, the world has looked to Asia, particularly Japan, as the pioneer in Internet protocol version 6 (IPv6).

To cater to her huge population, China needs to have an easier, more flexible addressing system such as IPv6, says Doyle, who is also involved in several IPv6 promotion groups in the United States and the Chinese IPv6 Promotion Council.

Click [here](#) for the complete info.

NTT/VERIO Service Awarded 2003 "Product of the Year"

Date: Friday, March 05 @ 15:31:29
Topic: IPv6 News

Verio, a subsidiary of NTT Communications and a leader in global IP solutions, announced today that Technology Marketing Corporation Communications Solutions magazine, has named NTT/VERIO IPv6 Gateway Services as a Product of the Year winner for 2003.

"NTT/VERIO IPv6 Gateway Services is clearly deserving of leadership status in the service provider sector of the telecommunications industry. We're proud to reward their hard work and innovation with a Product of the Year Award for 2003," said Rich Tehrani, president of TMC and group editor-in-chief of Communications Solutions.

Click [here](#) for the complete info.

February 2004 IST Research Infrastructure Newsletter

Date: Friday, March 05 @ 17:21:09

Topic: IPv6 Cluster News

The February 2004 edition of the IST Research Infrastructures newsletter has been published. Is available [here](#).

Green Hills Software Announces IPv6 Protocol Stacks for INTEGRITY RT-OS

Date: Sunday, March 07 @ 18:51:49

Topic: IPv6 News

Green Hills Software, Inc., the technology leader in real-time operating systems and software development tools for embedded applications, today announced the availability of two dual-mode IPv4/v6 Internet Protocol stacks for the INTEGRITY real-time operating system (RTOS), IPNET and IPLITE.

Click [here](#) for the complete info.

Accelerated Technology supports IPv6 in Nucleus

Date: Sunday, March 07 @ 18:52:45

Topic: IPv6 News

Accelerated Technology®, the Embedded Systems Division of Mentor Graphics Corporation (Nasdaq: MENT), today announced the initial availability of the Nucleus™ Internet Protocol (IP) version 6, a network layer protocol that allows messages to be routed to different networks or subnets.

Click [here](#) for the complete info.

Interpeak Powers the Next-Generation of Residential and Small Business Gateways

Date: Sunday, March 07 @ 18:53:51

Topic: IPv6 News

Interpeak AB, the technology leader in embedded Internet and Security protocol solutions for embedded systems, announced that Conexant Systems, Inc. has selected Interpeak's dual mode IPv4/IPv6 IPNET networking solution for its next-generation SOHO (Small Office Home Office) and Residential Gateway semiconductor solutions.

Click [here](#) for the complete info.

NEC Launches New Converged Mobile Service Solution Platform, IMS

Date: Monday, March 08 @ 11:15:33

Topic: IPv6 News

NEC Corporation has announced the launch of their 3GPP (3rd generation Partnership Project) compliant IMS (IP Multimedia Subsystem).

NEC's IMS is available with both IPv6 and IPv4 address handling. Click [here](#) for the complete info.

Hexago's Migration Broker(TM) Wins IPv6 Ready Logo

Date: Monday, March 08 @ 13:43:00

Topic: IPv6 News

Hexago, Inc., the world-leading specialist in IPv6 deployment, today announced that the IPv6 Ready Logo Program Committee has stamped Hexago's Migration Broker™ IPv6 Ready in objective recognition that the product is IPv6 compliant. Hexago's "IPv6 Ready" Migration Broker™ provides secure, low-cost and rapid deployment of IPv6 connectivity today using the existing network infrastructure of the Internet, IPv4. While participating in the IPv6 Ready Logo Program Phase-1, Hexago fulfilled and satisfied test items specified by the IPv6 Ready Logo Program Committee, including an interoperability test.

Click [here](#) for the complete info.

North American IPv6 Task Force Kicks Off Next Phase of Moonv6

Date: Monday, March 08 @ 13:43:58

Topic: IPv6 Task Force SC

The North American IPv6 Task Force, a sub-chapter of the IPv6 Forum dedicated to the advancement and propagation of IPv6 in the North American continent, announced that the second phase of testing on Moonv6, the world's largest multi-vendor IPv6 network, began yesterday.

Taking place across the U.S. at multiple locations, the Moonv6 project represents the most aggressive collaborative IPv6 interoperability and application demonstration event in the North American market to date.

Click [here](#) for the complete info.

Task Forces response to NTIA IPv6 RFC

Date: Monday, March 08 @ 19:04:14

Topic: IPv6 Task Force SC

"All IPv6 pioneers should feel they contributed to this response worldwide as we are a worldwide team. IPv6 and the restoration of E2E on the Internet is about "Freedom" in Cyberspace and for the global economy and communications on our planet, so all peoples and cultures benefit from IPv6 evolution for the Internet, not just the elite and the few.", said Jim Bound.

"Leadership is an action not just a thought or discussion, and you all have executed that principle well."

Click [here](#) for the complete document.

"A Fully Networked User Environment over IPv6" workshop

Date: Monday, March 08 @ 19:16:27

Topic: IPv6 Task Force SC

Jointly organised by the EC DG INFSO D1/F3 and the European IPv6 Task Force, this workshop combines IPv6 with Consumer Electronics, Smart Home, mobility solutions and applications.

The target audience is the European industry that can take advantage embedding IPv6 in their product lines. The workshop will take place in Brussels, April 2nd.

The complete agenda and registration page is available [here](#).

Moonv6 phase II Will Launch Network As A Permanent IPv6 Backbone

Date: Tuesday, March 09 @ 01:00:29

Topic: IPv6 Task Force SC

The University of New Hampshire InterOperability Laboratory (UNH-IOL) has begun a new battery of tests focusing on the backbone technology of the next-generation Internet, known as IPv6.

Two weeks of testing have begun at the UNH-IOL in phase II of Moonv6, a collaboration between industry leaders, the North American IPv6 Task Force (NAv6TF), the UNH-IOL, Internet2 and the U.S. Department of Defense (DoD).

Click [here](#) for the complete info.

More responses to the DoC IPv6 RFC

Date: Tuesday, March 09 @ 01:04:37
Topic: IPv6 Task Force SC

In addition to the official Task Forces replies to the DoC IPv6 RFC, others are being published by individuals. Tony Hain has posted [here](#) his response.

Internet 2 also published a reply: [Potential Benefits and Uses of IPv6](#).

IPv6 moves beyond the drawing board

Date: Tuesday, March 09 @ 08:08:06
Topic: IPv6 News

Internet Protocol version 6 (IPv6) is moving out of experimental, research networks and into commercial deployment, a networking expert told In.Tech on the sidelines of Apricot 2004.

"As an analogy, if one IPv4 address weighed one gram, all the IPv4 addresses in the world would weigh 1/76th the weight of the Empire State Building in New York.

"If one IPv6 address weighed 1g as well, all the IPv6 addresses possible would weigh 56.7 billion times the weight of planet Earth," said Doyle.

Click [here](#) for the complete article.

North American IPv6 Summit 2004 Scheduled for Santa Monica

Date: Wednesday, March 10 @ 23:26:38
Topic: IPv6 Task Force SC

The North American IPv6 Task Force (NAV6TF) announced today that the North American IPv6 Summit 2004 will be held June 14 - 17, 2004 at the Loews Beach Hotel in Santa Monica, CA, with an IPv6 Exposition and Demo Area open from June 14 - 16.

The primary theme of the North American IPv6 Summit 2004 is IPv6 applications and content delivery. The secondary theme is the Department of Defense (DoD) and Department of Commerce (DoC) efforts and direction with IPv6.

Click [here](#) or [here](#) for the complete info.

Cisco releases new security products, features

Date: Wednesday, March 10 @ 23:50:16
Topic: IPv6 News

A new software product, the Cisco IOS Firewall for Internet Protocol version 6 (IPv6), supported inspection of both IPv4 and IPv6 traffic and protocol anomaly inspection, the company said.
Click [here](#) for the complete info.

Cisco beefs up IOS security

Date: Wednesday, March 10 @ 23:50:38
Topic: IPv6 News

Cisco has added support to the next generation net traffic standard, IPv6, to its popular PIX range of firewalls. Rivals Check Point and NetScreen both added IPv6 support some time ago.
More information at [The Register](#), [Internetnews.com](#), [InfoWorld](#), [ZDNet](#), [ECommerce Times](#), [Enterprise Security Today](#), [InformationWeek](#), [CRN](#), [IDG.com](#), [Silicon.com](#), [IDG Singapore](#), [NetworkWorldFusion](#), [iTnews](#).

Interpeak Launches Mobile IP Support in Embedded TCP/IP Stack

Date: Wednesday, March 10 @ 23:55:40
Topic: IPv6 News

Interpeak, one of the leading providers of Internet and security protocol solutions for embedded systems, today announced the addition of a Mobile IP component to IPNET, Interpeak's versatile dual mode IPv4/IPv6 TCP/IP stack.
Complete information at [LinuxElectrons](#) or directly at [Interpeak](#) site.

United Nations and IPv6

Date: Thursday, March 11 @ 09:29:52

Topic: IPv6 Task Force SC

The United Nations ICT Task Force has invited the EU IPv6 Task Force chairman to join the new Task Force, by UN Secretary Kofi Annan to their first meeting on Internet Governance, March 25-26 2004, as a result of the WSIS final recommendations.

They have also published the reponse to the US DoC RFC, elaborated by the Task Forces.

The official UN ICT web page is available [here](#).

Python vulnerability permits remote attacks

Date: Thursday, March 11 @ 16:41:53

Topic: IPv6 News

Thousands of applications, including many large and mission critical systems at enterprises like Industrial Light & Magic, Google and NASA, are vulnerable to a bug that could allow a remote attacker to execute arbitrary code or gain system access.

A remote attacker could supply a specially crafted IPv6 address via DNS that could cause a buffer overflow, permitting execution of arbitrary code and unauthorized system access.

Click [here](#) for the complete info.

Cisco releases new security products, features

Date: Friday, March 12 @ 00:41:03

Topic: IPv6 News

New hardware and enhancements to a number of Cisco Systems Inc.'s software products will make computer networks more resilient to attack, the company said Tuesday.

Also, a new software product, the Cisco IOS Firewall for Internet Protocol version 6 (IPv6), supports inspection of both IPv4 and IPv6 traffic and protocol anomaly inspection, Cisco said.

Click [here](#) for the complete info.

"IPv6 Deployment Field Trial" Launched

Date: Friday, March 12 @ 08:24:26

Topic: IPv6 News

The launching ceremony of the "IPv6 deployment field trial" project was held at the Taito ward office in Tokyo.

Click [here](#) for the complete info.

'.mobile' domain will take advice, says Microsoft

Date: Friday, March 12 @ 16:55:08

Topic: IPv6 News

A new top level domain could be set up to encourage the use of IP version 6, and SIP, improvements to the Internet's basic protocol intended to improve services.

"It is still early days, but our plan is that the domain will support IPv4 and IPv6, but will encourage any company that registers a second-level domain, to move towards IPv6, and to use the new features of IPv6," said Annemarie Duffy, Microsoft's PR and marketing manager for mobile devices in EMEA.

Complete info at [TechWorld](#).

GRID and IPv6: Globus Toolkit v3 (GT3) IPv6-enabled

Date: Friday, March 12 @ 20:32:42

Topic: 6NET

To combine Grid and next generation IP – IPv6 – together, UCL is leading an activity under the 6net project to port the Globus Toolkit version 3 into an IPv6-enabled form.

UoS is also involved deeply in the activity.

6net has finalized the porting and testing. A report is available [here](#).

IPv6 rollout estimates from China, Japan, South Korea and Taiwan

Date: Thursday, March 18 @ 08:51:50

Topic: IPv6 News

China, Japan, South Korea and Taiwan are all dedicating time and effort to research and development of Internet Protocol Version 6 (IPv6) technology, according to the Industrial Economics and Knowledge Center (IEK), a division of Taiwan's Industrial Technology Research Institute (ITRI).

Complete info at [DigiTimes](#) and [PC Pro](#).

TCAM engine hits 18 Mbits with dual LA-1 Interfaces

Date: Thursday, March 18 @ 08:52:14

Topic: IPv6 News

NetLogic Microsystems' new NSE5512GLQ network-search engine operates as fast as 250 MHz, has 18 Mbits of table storage, and supports dual LA-1 (look-aside) interfaces.

Applications for the TCAM (ternary-content-addressable-memory) NSE5512GLQ include multiservice switches, wireless infrastructure, enterprise, and edge routers that need to offload functions such as IPv4 and IPv6 packet forwarding and classification or require packet-classification and traffic-management capabilities for firewalls, intrusion-detection systems, load balancing, broadband access, and access-control lists.

Complete info at [EDN.com](#).

Rise of the Devices

Date: Friday, March 19 @ 09:53:43

Topic: IPv6 News

When archrivals Microsoft and Sun make a joint announcement, something important is clearly afoot. The news that the two companies are part of a consortium that is applying to ICANN to create a new top level domain for mobile devices is a case in point.

At first sight, the story is about convergence ... The idea is not new: it is implicit in IPv6.

Complete article at [Netcraft](#).

6NET Spring Conference and Eurov6 Showcase

Date: Friday, March 19 @ 09:55:44
Topic: 6NET

The 6NET and Eurov6 projects are organising a two-day [IPv6 conference and showcase](#) on 18-19 May 2004 at the Université Libre de Bruxelles in Brussels, Belgium. The conference will cover IPv6 developments in Europe and worldwide, and will feature an exhibition of IPv6-enabled products and services.

6NET organising IPv6 Workshop in Rhodes

Date: Friday, March 19 @ 09:57:42
Topic: 6NET

The 6NET project is organising an [workshop on IPv6](#) co-located with the [TERENA Networking Conference 2004](#). This will be held on 9 June 2004 at the University of the Aegean in Rhodes, Greece. The workshop will discuss the current status of the 6NET project, focusing on innovative aspects such as multicasting, mobility and new applications. It will also consider deployment and transitioning issues, drawing on the experiences of 6NET and other IPv6 projects.

An IPv6 Cluster meeting will be held immediately following the workshop. This brings together the various IPv6-related projects in the IST programme of the European Commission to share experiences and expertise.

Updated IPv4 to IPv6 transition cookbook for end-sites available

Date: Friday, March 19 @ 09:59:26
Topic: 6NET

6NET has published an updated version of its [IPv4 to IPv6 transition cookbook for end-site networks/universities](#).

After an introduction to the basics of transitioning from IPv4 to IPv6 (which is presently generally done by moving to dual-stack networking) and a brief description of each mechanism on a theoretical basis, some example scenarios are described to give the reader an idea of where and when to employ certain transition methods and how different mechanisms work together and complement each other. The remainder of the document focuses on installation and configuration examples.

The deliverable is a "living document" and will be updated and revised whenever there is new or different material available.

Taiwan first IPv6 center announced

Date: Saturday, March 20 @ 10:16:18

Topic: IPv6 News

Taiwan unveiled an IPv6 center — the island's first and the world's fourth — aimed at raising the quality of online communications. The center is the fourth in the world after similar establishments in Japan, South Korea and mainland China.

The center, part of the Challenge 2008 national development project seeking to make fast-speed data transmission more available to people, is a joint effort by the government, the Industrial Technology Research Institute (ITRI) and the Taiwan Computer Association (TCA).

Complete information at [The China Post](#).

China opens trial network based on next-generation Internet protocol

Date: Saturday, March 20 @ 10:18:53

Topic: IPv6 News

The China Education and Research Net 2 (CERNET2), a backbone network based on IPv6, the next-generation Internet protocol, was put on trial Friday 19th March 2004.

The network now connects three Chinese cities, Beijing, Shanghai and Guangzhou, with 6,000 km of optic fiber, so far the world's largest backbone network totally based on IPv6, said Wu Jianping, director of the CERNET network center.

Complete info at [China View](#), [Shanghai Daily](#), [CNET ASIA](#) and [China Economy](#).

Moonv6: A Small Step for Man, A Giant Leap for Mankind?

Date: Saturday, March 20 @ 10:28:14

Topic: IPv6 Task Force SC

Until now, IPv6 (Internet Protocol version 6) deployment has been greater in Europe and Asia than in North America.

However, an announcement from the University of New Hampshire InterOperability Laboratory (UNH-IOL) and the North American IPv6 Task Force (NAv6TF) in October 2003 brought back this protocol to the forefront in this region, and could potentially change the entire market scenario.

The complete article at [Test and Measurement Portal/Frost & Sullivan](#).

Second contribution to the UN ICT Task Force

Date: Saturday, March 20 @ 10:37:08

Topic: IPv6 Task Force SC

The IPv6 Task Forces submitted a new contribution to the United Nations Information and Communication Technologies Task Force: "The IPv6 robust address space available permits nodes, homes, and devices, as typical Internet use models, to have greater than one address, and of different scopes, for different reasons". Using this advantage of IPv6, the author(s) provide a view of address allocation, where we compare the ratio of address space per country and population depicting 1 to 5 addresses per consumer.

The complete documents available at the [UN ICT Task Force Portal](#).

The US NTIA has published the received Comments to his RFC

Date: Sunday, March 21 @ 17:05:53

Topic: IPv6 Task Force SC

A total of 21 responses had been received, 3 of them past the 8th March 2004 deadline.

Available at the [NTIA site](#).

UNH-IOL Demonstrates High-Speed Links and Security Running on the 'Moonv6'

Date: Monday, March 22 @ 13:24:16

Topic: IPv6 Task Force SC

The "Moonv6" network stretching from Durham to California has demonstrated the ability of the next version of the Internet to work with high-speed links, firewalls, routing, common applications and quality of service (QoS) for real-time business applications such as multimedia, the University of New Hampshire InterOperability Laboratory (UNH-IOL) has announced.

The second phase of Moonv6, a collaboration between industry leaders, the North American IPv6 Task Force (NAv6TF), the UNH-IOL, Internet2 and the U.S. Department of Defense (DoD), ran March 7-19.

Complete information at [MarketWire](#), [Business Wire](#), [Light Reading](#) and [TMCnet](#).

ISOC and IGC join forces for INET2004

Date: Monday, March 22 @ 15:16:24

Topic: IPv6 Task Force SC

Next May, Barcelona will host INET/IGC 2004, which promises to be bigger and better than ever.

The event includes an [IPv6 workshop](#) organized by the IPv6 Task Forces.

Over 200 papers will be presented in content tracks covering a broad range of areas, including Corporate Strategy, New Technologies, Consumer Applications and Society, Politics and Culture.

Is encouraged to complete the registration, booking of hotel and flight confirmation ASAP, as several parallel events could create some troubles.

Check Point First to Provide Application Level Protection for IPv6 Networks

Date: Monday, March 22 @ 16:24:11

Topic: IPv6 News

Check Point Software Technologies Ltd., today announced it is enhancing support for Internet Protocol version 6 (IPv6), the emerging next generation Internet protocol.

The IPv6 security abilities of Next Generation(TM) with Application Intelligence(TM) have been tested and verified using real-world test scenarios by NetworkTester(TM), Agilent Technologies, Inc., the independent test vendor supporting the event.

Information available from [Bussiness Wire](#) and [here](#).

Next-generation Internet goes live

Date: Monday, March 22 @ 19:31:33

Topic: IPv6 News

Internet protocol version 6, the next-generation Internet standard, took a giant leap forward with the establishment of a permanent IPv6 network stretching from New Hampshire to California.

The network, known as Moonv6, is a native IPv6 backbone built by a community of organizations, technology companies and the Defense Department.

Complete information at [Washington Technology](#), [Mass High Tech](#), [MSNBC News](#), [Neowin](#) and [News.com](#).

Test network for IPv6 is running around-the-clock

Date: Monday, March 22 @ 23:14:07

Topic: IPv6 Task Force SC

The Defense Department "wants IPv6 for all the services," Maj. Roswell Dixon of the Joint Interoperability Test Command told the Moonv6 Phase II wrap-up conference today. "Multiple sites in the services are going to stay up, 24 by 7."

The Phase II test network drew participants from around the world, routing packets by the Internet Protocol Version 6 instead of its more cramped predecessor, IPv4.

Complete info at [Government Computer News](#).

IPv6 Backbone Passes Latest Test

Date: Tuesday, March 23 @ 17:07:29

Topic: IPv6 Task Force SC

A permanent U.S. backbone network employing the next Internet protocol, IPv6, has cleared a second set of tests, the North American IPv6 Task Force said Monday.

The new IPv6 backbone, which stretches from New Hampshire to California, now works with high-speed links, firewalls, routing, common applications and quality of service (QoS) standards for business applications, including multimedia.

Complete information is [ISPCON](#), [Converge](#), [CNETASIA](#), [ZDNet](#), [ZDNet UK](#), [Silicon.com](#), [Globeandmail.com](#) and [Geek.com](#).

Taiwan Builds World-Class Research and Education Network

Date: Tuesday, March 23 @ 18:15:43

Topic: IPv6 News

A High-speed 20 gigabit-per-second broadband network, TWAREN links Taiwan with global research networks and facilitates international collaborative research.

TWAREN will support services such as Internet Protocol version 6 (IPv6), multicasting, network security, video, voice and integrated multimedia applications, which further facilitates cross border research and education activities.

Complete information at [Pressi.com](#).

IPv6 test demonstrates peer-to-peer network

Date: Wednesday, March 24 @ 07:14:20

Topic: IPv6 Task Force SC

The second test phase of the Moonv6 network, the world's largest multivendor IPv6 network, demonstrated the ability of the IPv6 spec to operate with most network elements as well as handling real-time business applications.

The Moonv6 phase II test, running from March 7 to 19, included a test network stretching from Durham, N. C., to California. The test, supported in part by a Defense Department communications agency, showed that the IPv6 network operated with high-speed links, firewalls, routing, common applications and quality-of-service (QoS) provisioning.

Complete information at [CommsDesign](#).



'Moon' test prepares IPv6 for a soft landing

Date: Wednesday, March 24 @ 18:04:41

Topic: IPv6 Task Force SC

This week, the next generation of the Internet came one step closer to adoption when the North American IPv6 Task Force, a division of the IPv6 Forum, announced that it had finished the second round of testing on a coast-to-coast Internet Protocol Version 6 (IPv6) overlay network.

Engineers tested a number of complex functions on the network, including firewalls, quality of service, multimedia applications and 10 Gigabit high-speed links, all with positive results.

Complete info at [Search Networking](#) and [TechWeb](#).

Check Point Defends IPv6 Networks

Date: Friday, March 26 @ 12:40:39

Topic: IPv6 News

Check Point Software Technologies recently announced that it is enhancing support for Internet Protocol version 6 (IPv6), the emerging Internet protocol.

Complete info at [CXOtoday](#).

The United Nations wants a big piece of the Internet

Date: Saturday, March 27 @ 17:59:48

Topic: IPv6 Task Force SC

At a summit here this week, delegates from around the world gathered to take a preliminary step toward U. N. involvement in some of the areas that are bedeviling Internet users and governments alike, including spam, network security, privacy and the regulation of the technical underpinnings that control the sprawling global network.

Although ICANN is the most visible target, the summit also highlighted long-simmering resentments that developing countries have harbored against their wealthier counterparts. Because of decisions made during the early days of the Internet, for instance, China has been allocated only 9 million global Internet addresses, less than Stanford University's total of 17 million or IBM's total of 33 million. Over the next few years, however, adoption of IPv6 will eliminate these disparities.

Read the complete article at [Cnet](#) and [CitizenReview](#).

1st Austrian IPv6 Colloquium, March 31, 2004

Date: Saturday, March 27 @ 18:47:48

Topic: IPv6 Task Force SC

Within the scope of the IPv6 Colloquium, all the challenges, aspects and consequences will be discussed for the first time in Austria.

Telekom Austria is starting an initiative with the support of the University of Vienna and the regulatory authority RTR GmbH, as well as with additional partners from industry.

Complete information available [here](#).

IPv6 Consortium Launched in Okayama

Date: Saturday, March 27 @ 19:41:54

Topic: IPv6 News

The establishment of Okayama IPv6 Consortium was announced on March 18. The vision of this organization is to promote IPv6 usage in Okayama prefecture of Japan.

Jun Murai (Professor of Keio University), Hiroshi Esaki (Assistant Professor of Tokyo University), Kaori Ito (Secretary General of Kurashiki City), Kazumasa Kobayashi (TAO, Head of the Okayama IPv6 System Interoperability and Evaluation Laboratory) and Toru Takahashi (Vice President, Internet Association Japan) are among the founders of the Consortium.

Complete information at [IPv6style](#).

First Latin American IPv6 Forum: FLIP-6

Date: Saturday, March 27 @ 19:42:13

Topic: IPv6 Task Force SC

ECOMLAC, LACTLD and LACNIC summon the meeting of the first Latin American IPv6 Forum (FLIP-6) that will be held on March, 30, 2004, in the city of Montevideo, Uruguay. The final program for the first FLIP-6 forum will include an open discussion panel on the implementation of the IPv6 Task Force in Latin America and the Caribbean.

Complete information at [LACNIC site](#).

Allied Telesyn announces more IPv6 support

Date: Monday, March 29 @ 22:41:35

Topic: IPv6 News

Allied Telesyn, the trusted end-to-end networking solutions vendor, has today announced support for IPv6 with the release of a new device and future products to be introduced over the next few years. Hardware support will be available both through its new AT 8948 multi-layered switch aimed at the Triple-Play operator and metro Ethernet markets, and within a range of other products to be announced later in the year.

Complete information at the [Allied Telesyn site](#).

Interpeak Launches IPv4/IPv6 Protocol Software Suite for Edge Equipment Vendors

Date: Tuesday, March 30 @ 19:54:47

Topic: IPv6 News

First available software suite to support equipment vendors in the dynamic service provider edge market. Interpeak, a leading supplier of Internet and security protocol solutions for embedded systems, today introduced the Internet Edge Software (IES), an integrated software solution for edge equipment vendors. IES provides integrated support for data routing and forwarding, user administration, secure management, and basic system services.

Complete information at [TMCnet](#) and [Interpeak site](#).

NetScreen Demonstrates IPv6 Solution Interoperability; Secures Testing Site

Date: Tuesday, March 30 @ 19:57:45

Topic: IPv6 News

NetScreen Technologies, Inc. today announced that it successfully participated in a set of IPv6 solution interoperability tests, providing early adopters of the technology assurance that NetScreen's integrated firewall and virtual private network (VPN) security solutions work together with various vendors' products in an IPv6 network.

Moonv6 is the world's largest multi-vendor IPv6 network and was launched in October 2003 to advance the new protocol and promote it throughout the industry.

Complete information at [PRNewswire](#).

Cisco demos IPv6 readiness

Date: Tuesday, March 30 @ 20:01:21

Topic: IPv6 News

Cisco Systems has demonstrated Internet Protocol version 6 (IPv6) readiness in the second phase of the "Moonv6" next-generation Internet testing project hosted at the University of New Hampshire Interoperability Laboratory (UNH- IOL) in Durham, NH, and at the Department of Defense's Joint Interoperability Test Command (JITC) site.

Cisco provided its Cisco 12400 Series Router, Cisco 7301 and 7200 Series Routers, Cisco Catalyst 6500 and 3700 Series switches, and the Cisco MR3200 Mobile Router to validate the reliability and interoperability of IPv6 networking hardware and software.

Information from [Integratedmar.com](#).

FreeBSD IPv6 "setsockopt()" Input Validation Vulnerability

Date: Tuesday, March 30 @ 20:05:01

Topic: IPv6 News

Katsuhisa ABE and Colin Percival have discovered a vulnerability in FreeBSD, which can be exploited by malicious, local users to gain knowledge of sensitive information or cause a DoS (Denial-of-Service). The vulnerability is caused due to an input validation error within the "setsockopt()" system call when handling certain IPv6 socket options. This can be exploited to access portions of kernel memory.

Complete information at [Secunia](#).

Telekom Austria started IPv6 Initiative

Date: Saturday, April 03 @ 11:49:55

Topic: IPv6 Task Force SC

With an audience of over 150 participants and a number of keynote speakers, Telekom Austria started a national IPv6 initiative.

The [event web site](#) includes archives of videos, presentations, press releases and links to other key sites.

In addition [pictures](#) are also available.

Press information available from [Presse Portal](#), [Aktien-Portal](#), [Aktien-Check](#), [WCM](#), [Wiener Zeitung](#), [Presstext](#) (see [also](#)), [Computerwelt](#) and [Financial](#).

Optimizing your TCP/IP

Date: Saturday, April 03 @ 12:03:28

Topic: IPv6 News

In this [article at Embedded Computing Design](#), Lennart Bång discusses the TCP/IP stack in terms of IPv6 and virtual routing.

More information also available at [LinuxDevices.com](#).

Advanced Routing Suite Version With Extended IPv6

Date: Saturday, April 03 @ 12:09:05
Topic: IPv6 News

IP Infusion announced today the availability of its latest version of the ZebOS® Advanced Routing Suite (ARS) 7.1. ZebOS ARS including support for PIM-SM Multicast for IPv6, Layer 2 Advanced Software for the Broadcom StrataXGS™ Switch Development Kit, and RSVP-TE Fast Reroute functionality. Complete information at [MarketWire](#).

NetScreen Achieves IPv6 Interop

Date: Saturday, April 03 @ 12:09:24
Topic: IPv6 News

NetScreen Technologies, Inc. today announced that it successfully participated in a set of IPv6 solution interoperability tests, providing early adopters of the technology assurance that NetScreen's integrated firewall and virtual private network (VPN) security solutions work together with various vendors' products in an IPv6 network. Complete information at [Light Reading](#).

Our Man In Charge Of IPv6

Date: Saturday, April 03 @ 12:30:15
Topic: IPv6 Task Force SC

It's good to see that things are progressing steadily on the IPv6 front. With the expected continued proliferation of IP-enabled devices, the additional address space and quality of service features in IPv6 will probably be needed sooner, rather than later.

Complete article at [CMP](#).

Falling prices to boost DSL use

Date: Saturday, April 03 @ 17:47:07

Topic: IPv6 News

The lack of digital subscriber line coverage, particularly business-grade, will hamper growth of corporate usage through 2006, research shows.

However, new consumer-oriented sub-\$30 plans will help push asymmetric DSL into the corporate market, according to analyst Meta Group.

Korea was intending to be a leader in fourth-generation mobile technology and IP Version 6 (IPv6).

Complete article at [Australian IT](#).

SIPfoundry Opens Online Open Source Development Community

Date: Saturday, April 03 @ 17:47:36

Topic: IPv6 News

SIPfoundry, a Massachusetts-based non-profit organization for the development of open source Session Initiation Protocol (SIP)-based VoIP communication solutions, today announced its incorporation, the formation of its board of directors and availability of its [web site](#).

The reSIProcate project, for example, made strong implementations of SIP over IPv6, S/MIME, and SIMPLE available to the community very quickly.

Complete information at [LinuxElectrons](#).

Network Security Symposium 2003

Date: Saturday, April 03 @ 17:53:54

Topic: IPv6 News

Are network intrusion detection systems (NIDS) still relevant? With the emphasis shifting to network intrusion protection in the last two years, this technology looks like it is on its last legs. But is it?

There are other well-documented problems: the inability to detect common encrypted traffic, such as the payload of an SSL transaction; and covert reconnaissance-very slow reconnaissance probing. IPv6 can also trip up NIDS and NIPS.

Complete article at [Network Computing ASIA](#).

Pannaway Unveils Triple Play Solution

Date: Saturday, April 03 @ 17:55:46

Topic: IPv6 News

Pannaway Technologies Inc. this month comes out with a new, hardened version of its home-based gateway as well as network-based switching and aggregation equipment to support rural telcos in their efforts to deliver the triple play over existing copper networks.

The BAS also provides dial tone and lifeline support for PBGs, quality of service control, IGMP snooping for efficient multicast video delivery, 50 millisecond switchover on gigabit uplinks, and a distributed architecture for IPv6, ADSL2+ and SNMPv3.

Complete info at [XCHANGE](#). Article also [available](#)

China Develops Core Router for Next-generation Net

Date: Saturday, April 03 @ 18:16:01

Topic: IPv6 News

Tsinghua University announced on Monday a new breakthrough in the development of key next-generation Internet technology. China's first core router based on Ipv6 protocol operated successfully on CERNET2, a newly opened trunk test network of the next-generation Net.

Complete information at [China.org](#) and [p2pnet](#).

Cisco Enhances Catalyst Switches

Date: Saturday, April 03 @ 18:17:49

Topic: IPv6 News

Cisco Systems Inc. plans to advance its Intelligent Information Network strategy for embedding advanced services into the network with a range of enhancements for its Catalyst line of switches.

Complete info at [eWeek](#).

IPv6 features pass industry muster

Date: Saturday, April 03 @ 18:25:46

Topic: IPv6 Task Force SC

Network engineers have successfully demonstrated routing, firewalls, quality of service and other key features of IPv6, the next generation of the Internet's main communications protocol, according to test participants.

The tests were conducted this month on Moonv6, the largest native IPv6 backbone. Moonv6 is a joint operation of the University of New Hampshire, the U.S. Defense Department, the North American IPv6 Task Force and the Internet2 university consortium. It links approximately 80 servers, switches and routers located in sites from New Hampshire to California.

Complete article at [NetworkWorldFusion](#).

Msmtp - An SMTP client

Date: Saturday, April 03 @ 18:43:44

Topic: IPv6 News

Msmtp is an SMTP client that can be used as an "SMTP plugin" for Mutt and probably other MUAs (mail user agents). It forwards mails to an SMTP server (for example at a free mail provider) which does the delivery. Features include various SMTP AUTH methods, TLS encrypted connections (including server certificate verification and the possibility to send a client certificate), DSN support, IPv6 support and support for multiple accounts.

References at [IceWalkers](#).

SURFnet builds hybrid optical and packet switching network

Date: Saturday, April 03 @ 18:44:55

Topic: IPv6 News

Nortel Networks, Avici Systems, and Telindus have been chosen to deliver next-generation optical and Internet Protocol (IP) solutions to SURFnet, a leading educational and research network organization in the Netherlands as part of the national GigaPort Next Generation Network project. SURFnet connects all universities and academic hospitals and the vast majority of the other institutes for higher education and research throughout the Netherlands.

With unprecedented levels of intelligence, the hybrid network will utilize the unique blend of IPv4, IPv6 and optical technology that is best suited for each particular application, thus dynamically allocating the IP and optical bandwidth, say SURFnet representatives.

Complete info at [LightWave](#) and [fibers.org](#).

Inet Upgrades Protocol Diagnostic Software

Date: Saturday, April 03 @ 19:02:32

Topic: IPv6 News

Inet Technologies Inc., a provider of diagnostic software for communication service providers, has upgraded its Spectra2 product, which includes voice-over-IP conformance testing. Spectra2 tests conformance with Session Initiation Protocol (SIP), Megaco, H.323 and MGCP protocols.

The product uses the ETSI TIPHON specifications for conformance testing. Spectra2 comes with packaged test suites and automation tools, so extensive programming is not necessary, though the tools are highly customizable. Version 3.3 includes new features that support automated scheduling of test scripts and generator models, as well as support for the IPv6 addressing format for all Spectra2 applications and VoIP protocols.

Complete press info at [Inet site](#).

HyWire Ltd. Expands Product Line With New Search Engine Manager and Co-Processor

Date: Saturday, April 03 @ 19:09:22

Topic: IPv6 News

HyWire Ltd. today introduced two new options for communication system design for low-end and mid-range routers and switchers.

Supports multiple types of look-up tables such as IPv4/IPv6 and MAC/VLAN.

Complete information at [FPGA Journal](#).

IIJ-MC Releases Japan's First IPv6 Compatible Internet Broadcast Service

Date: Monday, April 05 @ 07:34:34

Topic: IPv6 News

Internet Initiative Japan, one of Japan's leading Internet access and comprehensive network solutions providers, today announced that IIJ Media Communications (IIJ-MC), its 50.1% owned subsidiary, releases the official service of full IPv6 compatibility with the IIJ-MC Internet broadcasting services, Media Highway Service and Easy Live Pack.

This is the first Internet broadcasting service in Japan to use the next-generation Internet protocol, IPv6. These services currently support Windows Media and are scheduled to support RealMedia and QuickTime in the near future. There will be no additional charge for IPv6 compatibility.

Complete information at [IIJ site](#), [Business Wire](#), [TMCnet](#) and [JCN Network](#).

FACTBOX - Key facts about IPv6

Date: Monday, April 05 @ 07:55:48

Topic: IPv6 News

Japan's telecommunications industry is looking closely at a next-generation Internet standard: Internet Protocol, version 6 (IPv6).

In Japan, operators have admitted to three challenges: operators don't want to offer IPv6 services until there are applications and users; consumer electronics makers don't want to commit to products compatible with IPv6 without adequate network coverage or users; and users won't buy into it unless it's cheap and useful.

Complete info at [Forbes](#).

Technologists bet new Net standard will drive e-world

Date: Monday, April 05 @ 10:42:43

Topic: IPv6 News

The World Wide Web is just about 15 years old, but already it is showing signs of wear as growing demand for Internet addresses and everyday functionality challenge the limits of the technology behind the Web.

In the not-so distant future, for example, computers and mobile devices will likely communicate easily and securely with refrigerators, light switches and other appliances.

Complete article at [USA Today](#), [Reuters UK](#) and [Daily Times](#).

KDDI Labs USA and Hexago Team Up on Moonv6 Tests

Date: Monday, April 05 @ 20:32:01

Topic: IPv6 News

Hexago, Inc., the world-leading specialist in IPv6 deployment, and KDDI Labs USA, Inc., a research division of the Japanese telecom giant, KDDI Corporation, today announced that the companies have successfully tested real world IPv6 deployment scenarios over Moonv6, the world's largest multi-vendor IPv6 network, to advance the adoption of the next generation Internet protocol, IPv6.

The collaboration between Hexago and KDDI Labs USA took place during phase II of Moonv6 testing, which ran March 7 - 19, 2004.

Complete information at [Market Wire](#).

High-tech gadgets for new Internet protocol

Date: Tuesday, April 06 @ 08:25:28

Topic: IPv6 News

Anywhere, anything.

That's the promise of Internet Protocol version 6 (IPv6), a next-generation network standard that Japanese telecommunications firms, and others, believe will truly integrate the Internet into daily life.

But the growth of the new protocol hinges on whether electronics makers can deliver the gadgets to uncover its potential.

Complete article at [Forbes.com](#).

NextHop and Interpeak Join Forces to Strengthen Embedded Internet Routing

Date: Tuesday, April 06 @ 13:59:17

Topic: IPv6 News

NextHop Technologies® Inc., the definitive source for network routing software solutions, and Interpeak AB, a leading supplier of Internet and security protocol solutions for embedded systems, today announced a co-marketing agreement to help assure the compatibility between Interpeak's IPNET dual-mode IPv4/IPv6 TCP/IP routing stack for embedded systems and NextHop Technologies' GateD® routing software, the industry's de facto standard.

These products will allow OEM and/or ODM vendors building core, edge, enterprise, or SOHO (small and home office) class networking equipment to bring products with a rich set of routing and IPv4/IPv6 functionality to market faster.

Complete info at [Yahoo Finance](#), [LightReading](#), [Nexthop](#) and [Interpeak site](#).

From P2P to Web Services: Addressing and Coordination

Date: Thursday, April 08 @ 09:11:45

Topic: IPv6 News

Organizations are facing new technological challenges, often finding them perplexing or even insolvable, as they modernize their use of the Internet and intranets.

When the addressing problem, which is related to resource discovery, is raised, some people say, "Implement IPv6, thus providing enough addresses for every device to be manufactured over the next several hundred years."

Complete article at [xml.com](#).

IP Infusion to Exhibit and Present at the Upcoming Global IPv6 Summit China 2004

Date: Friday, April 09 @ 12:31:46

Topic: IPv6 News

IP Infusion, a leading provider of intelligent network software for enhanced IP services, today announced that it will exhibit and present at the GLOBAL IPv6 SUMMIT CHINA 2004, being held April 12-14, 2004 at the Beijing International Convention Center in Beijing, China.

Complete information at [MarketWire](#).

ClearSight Networks Launches 10 Gigabit Analyzer

Date: Monday, April 12 @ 14:34:55

Topic: IPv6 News

ClearSight Networks, the first company to offer network analysis tools for troubleshooting at the application layer, today announced the release of ClearSight Analyzer 10 Gigabit, a combined hardware and software platform that supports monitoring, post-capture decode, testing and analysis.

ClearSight Analyzer 10 Gigabit leverages the award-winning ClearSight Analyzer software with support for IPv6 and associated multimedia protocols, delivering a complete solution for high-speed networking analysis and troubleshooting.

Complete information at [Business Wire](#) and [TMC net](#).

Chinese and French gov'ts to launch Internet cooperation

Date: Wednesday, April 14 @ 19:48:42

Topic: IPv6 Task Force SC

Chinese Ministry of Information Industry and French Ministry of Research and New Technologies will beef up cooperation between CNGI (China Next Generation Internet) and FNGI (France Next Generation Internet). As learned on April 12 from French IPv6 working group for the third Global IPv6 Summit being held in Beijing from April 12 to 14, a memorandum of cooperation on promoting Sino-French collaboration on IPv6 will be signed by Xi Guohua, Chinese deputy Minister of Information Industry in France on April 16.

Complete information available at [People's Daily](#).

Security expert flags twin terrors of the Net

Date: Wednesday, April 14 @ 19:52:03

Topic: IPv6 News

ASN.1 and IPv6--those still unfamiliar with these two terms should start checking up on what they are and evaluate their impact on security, warns an industry guru.

Complete information at [CNet Asia](#).

AARnet, KDDI Pick Hexago

Date: Thursday, April 15 @ 00:03:51
Topic: IPv6 News

From Marc Blanchet of Hexago. Hexago is a world-leading specialist in IPv6 products, specifically developing IPv6 deployment tools. Hexago has been a recipient of Canarie funding, which supported development of these products. Hexago also operates the Freenet6 service, where IPv6 connectivity and service is available. More information at [BoardWatch](#).

Is Your Network Ready for IPv6?

Date: Thursday, April 15 @ 00:08:19
Topic: IPv6 News

Internet Protocol (IP), or, more accurately, IPv4, has been keeping the Internet humming for more than 30 years. However, over that time, it has been modified, patched and kludged repeatedly to keep up with the evolving needs of the Internet-using community. Not surprisingly, IPv4 has suffered growing pains ... Soon or later the world is going to move to IPv6.

Complete article at [IT Management](#).

Mobile IPv6: Mobility in a Wireless Internet

Date: Friday, April 16 @ 06:26:10
Topic: IPv6 News

Mobile IPv6 (MIPv6) will be the key enabling technology for a new generation of mobile data and multimedia services with seamless roaming-even between wireless and wired networks. Now, one of the leaders in IPv6 mobility introduces the protocol clearly and concisely, from the standpoint of practical implementers. Hesham Soliman carefully explains MIPv6's structure, goals, deployment, operation, optimization, security, and much more.

Information from [Addison Wesley](#).

Scalable Networks Releases New Graphical User Interface

Date: Friday, April 16 @ 14:55:26

Topic: IPv6 News

Scalable Network Technologies (SNT), the developer of QualNet software, today announced the release of QualNet version 3.7. QualNet is used to design communication devices and optimize networks through detailed simulation.

Complete information at [Business Wire](#).

Sending IPv6 Packets To Check Firewall Rules

Date: Monday, April 19 @ 15:45:48

Topic: IPv6 News

IP version 6 is available in most recent products such as routers, firewalls and operating systems. Administrators and security professionals are faced to new challenges when configuring or checking an IPv6 implementation. They need IPv6 compatible tools.

This article describes netwotx toolbox which can be used to send IPv6 packets.

Complete article at [Net-Security](#).

Isocore Internetworking Lab Evaluates Migration Strategies for IPv6 Transition

Date: Tuesday, April 20 @ 16:06:49

Topic: IPv6 News

Isocore today announced completion of the first round of 2004 leading-edge code testing of advanced Layer 3 VPN services and link failure detection in the MPLS based networks at its Internetworking Lab. Major vendors successfully validated the co-existence of IPv4/MPLS-only capable nodes in conjunction with IPv6-only and dual-stack routing equipment.

Complete information at [TMC.net](#) and [Business Wire](#).

New World Record Announced for Internet Performance

Date: Tuesday, April 20 @ 16:10:37

Topic: IPv6 News

An international team has set a new Internet2(R) Land Speed Record by transferring data across nearly 11,000 kilometers at an average rate of 6.25 gigabits per second (Gbps), nearly 10,000 times faster than a typical home broadband connection, from Los Angeles, Calif. to Geneva, Switzerland.

Complete information at [PR Newswire](#), [PC Pro](#), [in-Sourced](#), [p2pnet.net](#), [The Register](#), [PC World](#), [Slashdot](#), [CNET](#), [Computer Weekly](#), [Innovations Report](#), [ZDNet](#), [Dark Vision](#), [IDG.com](#), [CNet Asia](#), [ZDNet Australia](#), [Globetechnology](#) and [Tom's Hardware](#).

Irish Government task force to push IPv6

Date: Tuesday, April 20 @ 18:01:14

Topic: IPv6 Task Force SC

The Government is to establish a national 'task force' that will examine the opportunities presented by Internet Protocol version 6 (IPv6) in a bid to give Ireland a first mover advantage in deploying the new standard.

Aidan Ryan, an advisor to the Department of Communications, Marine and Natural Resources, confirmed to ComputerScope that the task force is currently recruiting members to sit on the task force, to be officially announced within the next few weeks.

Complete information at [Tech Central](#).

Procket Networks Extends IPv6 Support

Date: Thursday, April 22 @ 15:27:56

Topic: IPv6 News

Procket Networks Inc., today announced that it has further enhanced the IPv6 capability of its PRO/8000 (TM) Concurrent Services Routers and added new security features with the introduction of PRO/1 Modular Service Environment Software Release 2.4.

The new features include support for PIM-SM Source Specific Multicast (SSM), IPv4/IPv6 output packet filtering, and packet filtering permit accounting for easier characterization of denial of service (DoS) attacks.

Complete information at [PR Newswire](#).

DCC2 protocol announced

Date: Sunday, April 25 @ 12:00:00
Topic: IPv6 News

A group of IRC client programmers announced today they are working on a new direct connection protocol named DCC2 of which the draft can be found [here](#).

With the addition of IPv6 to direct irc connections, users can map ipv6 addresses inside of their NAT, and use ipv6 in the connection negotiation process as well.

Complete information at [IRC Junkie](#).

A Fully Networked User Environment over IPv6

Date: Sunday, April 25 @ 21:05:18
Topic: IPv6 Task Force SC

The presentations from the workshop "A Fully Networked user Environment over IPv6" which took place on 2nd April are now [online](#).

Greenfield Networks Unveils Ethernet Switch Silicon for IPv6, MPLS

Date: Monday, April 26 @ 15:47:13
Topic: IPv6 News

Greenfield Networks, a start-up based in Sunnyvale, California, unveiled its silicon solutions designed for a new generation of enterprise and metro/ISP edge equipment.

Key features of Greenfield's family of Ethernet switching solutions include full IPv6 routing in hardware, extensive QoS and security features, scalable packet buffering, and scalable MAC, route and classification tables.

Complete info at [Network Digest](#), [CommsDesign](#), [LightReading](#), [PR Newswire](#), [TechWorld](#), [Lightreading](#) and [Yahoo!](#).

India to see R&D outsourcing boom

Date: Monday, April 26 @ 15:49:35
Topic: IPv6 News

Research and development outsourcing market for information technology in India is estimated to grow to \$9.1 billion by 2010 from \$1.3 billion in 2003, according to research agency Frost & Sullivan. It said telecom would see areas like business support system, new version of IP (IPv6), video servers and wireless sensors as growing opportunities.

Complete info at [Rediff.com](#), [The Economic Times](#) and [SifyFinance](#).

NZRS gets IPv6 ball rolling

Date: Monday, April 26 @ 15:51:06
Topic: IPv6 Task Force SC

New Zealand Registry Services (NZRS) the company that runs the .nz register, has begun implementing IPv6 "glue" in the register's database, says manager Nick Griffin. "The glue will allow registrants to put IPv6 number in to the SRS." The SRS (shared registry system) is the database that stores the .nz registrations and Griffin says by allowing users to begin experimenting with the IPv6 protocol, NZRS will be able to stay one step ahead of user demand.

Complete information at [Computerworld](#).

DG INFSO Research Infrastructure Unit's March/April 2004 newsletter

Date: Monday, April 26 @ 15:57:31
Topic: IPv6 Cluster News

The March/April 2004 newsletter is now [available](#).

IPv6 Cluster Meeting, June 9th, Rhodes, Greece

Date: Monday, April 26 @ 16:03:37

Topic: IPv6 Cluster News

The next IPv6 Cluster meeting will be held in conjunction with the [Terena Networking Conference 2004](#), immediately following the [2nd 6NET Workshop](#), on Wednesday June 9th at 1600hrs, Room D, University of the Aegean, Rhodes Campus, Rhodes, Greece. Attendance at the 6NET Workshop and the IPv6 Cluster meeting requires a small fee to cover the refreshments cost.

The latest agenda is as follows:

- IST IPv6 Cluster Activities Update, Mat Ford (BT Exact)
- MUSE Project IPv6 Activities, Enrique Areizaga (Robotiker)
- SILK Project update, Prof. Peter Kirstein (University College London)
- Implementing IPv6 Multicast, Jan Novak (Cisco Systems)
- Euro-Lab and other projects update, Sathya Rao (Telscom)
- Eurov6 project update, Antal Bulanza (Université Libre Bruxelles)

Open discussion about the challenges and future directions for IPv6 research and development.

All representatives of the IPv6 R&D community in Europe are encouraged to attend this meeting to liaise with colleagues in other projects, hear about recent developments, and discuss future priorities for research. If you are interested in contributing to this agenda with a brief presentation on the recent results of your project with regard to IPv6 research and development, please email Mat Ford (matthew.ford@bt.com) as soon as possible.

UK Ministry of Defence asked about IPv6

Date: Monday, April 26 @ 16:37:26

Topic: IPv6 Task Force SC

Lord Astor of Hever asked Her Majesty's Government, inquired to Lord Bach when all defence computer devices will be IPv6 compliant.

The Ministry of Defence is developing a strategy for the adoption of IPv6. The adoption of IPv6 is planned to be gradual, since the department has adequate IPv4 address space to meet its current needs. Since IPv6 and v4 can coexist, no specific date has been set for cessation of the IPv4 service. New projects have been directed by DEC CCII (director equipment capability command, control and information infrastructure) to procure a dual v4/v6 capability and work is in hand to identify non IPv6 compliant legacy equipment and the implications of converting to IPv6. The MoD is in the process of applying for the UK MoD IPv6 address space to the Internet Corporation for Assigned Names and Numbers (ICANN) and the Internet Assigned Numbers

Authority (IANA).

Information from [The UK Parliament](#).

How-to IPv6 in Globus Toolkit 3

Date: Tuesday, April 27 @ 08:09:23

Topic: 6NET

The online support document "[how-to IPv6 in GT3](#)" (as following URL) has been updated to latest release GT 3.2.

The recent modification in this guideline include:

- Moving to the latest release GT 3.2, which already include IPv6 port code.
 - Using Java SDK 1.5, which has more fully IPv6 support. The IPv6 reverse lookup bug has been fixed in JDK 1.5. We provide a small java program for the reverse lookup test as well.
 - Using Tomcat5, while Tomcat4 has problems for literal IPv6 address.
-

HP update for Apache HTTP Server

Date: Tuesday, April 27 @ 10:37:26

Topic: IPv6 News

HP has acknowledged some vulnerabilities in their version of the Apache HTTP Server. These can be exploited by malicious people to cause a DoS (Denial of Service) and insert certain potentially malicious characters in log files.

Complete information at [Secunia](#).

Sybase Activates Enterprise Database with Real-Time Data Services

Date: Tuesday, April 27 @ 12:11:42

Topic: IPv6 News

Sybase, Inc., a leading provider of enterprise infrastructure and mobile software, announced availability of Sybase Real-Time Data Services.

This new version has integrated database support for high-performance Real-Time Data Services, as well as operational and security enhancements, including ... Improved security through IPv6, Kerberos, pluggable authentication module (PAM) and active directory support.

Complete information from [DM Review](#) and [Earthwebnews](#).

TCP/IP Protocol Stacks Optimized for Award-Winning PowerQUICC™ III Processor

Date: Tuesday, April 27 @ 17:49:19

Topic: IPv6 News

Interpeak, a pioneer in communications solutions for embedded systems, today unveiled new versions of its IPLITE and IPNET TCP/IP IPv4/IPv6 stacks.

These new stacks are highly optimized specifically for the PowerQUICC™ III (MPC8560) integrated communications processors from Freescale Semiconductor, a wholly-owned subsidiary of Motorola Inc.

Complete information at [Interpeak](#), [Lightreading](#), [TMCnet](#), [News.scotsman](#), and [Business Wire](#).

Data Connection and Interpeak Unveil Embedded IP Routing Software Solution

Date: Tuesday, April 27 @ 18:00:33

Topic: IPv6 News

Interpeak, a leading provider of Internet and security protocol solutions for embedded systems, and Data Connection Limited (DCL), the world's leading provider of carrier-class communications protocol source code, today unveiled an integrated networking solution to enhance the development of next-generation carrier-class networks.

Routing protocols from Data Connection, which include BGP, IS-IS(-TE), and OSPF(-TE), have been integrated with IPNET, Interpeak's dual mode IPv4/IPv6 TCP/IP routing stack to reduce development effort and risk for engineers building gateways, switches and routers.

Complete information at [Interpeak](#), [TMCnet](#), [News.scotsman](#), [Business Wire](#) and [LinuxDevices](#).

Cypress Technologists To Discuss Next-Generation Networks

Date: Tuesday, April 27 @ 18:14:02

Topic: IPv6 News

Cypress Semiconductor Corp. today announced that two of the company's data communications experts will present papers at the Smart Networks Developer Forum (SNDF).

With the need to support new services and protocols such as virtual private networks (VPNs) and IPv6, it is extremely important to have a scalable network processing solution that is capable of tens of millions of packet look-ups per second.

Information from [Business Wire](#).

QNX RTOS updated

Date: Tuesday, April 27 @ 18:19:41

Topic: IPv6 News

QNX Software said it has optimized its RTOS for graphics and networking designs.

QNX has added functions in the network communications portion of the RTOS to improve networking and security capabilities, the company said. Specifically, the IPv6 and IPsec stacks have been upgraded, and stacks for network address translation and IP filtering have been added.

Complete information at [CommsDesign](#).

Green Hills Software Announces NextHop IP Routing Solutions for INTEGRITY RTOS

Date: Wednesday, April 28 @ 21:28:09

Topic: IPv6 News

Green Hills Software, Inc., the market leader in royalty-free real-time operating systems (RTOS), today announced the availability of NextHop Technologies' GateD advanced layer 3 IP routing and MPLS software for Green Hills Software's INTEGRITY RTOS.

The integration of the INTEGRITY RTOS with GateD IP routing and MPLS allows OEM and ODM vendors to bring cost-effective, reliable core, edge, enterprise and SOHO (small and home office) devices to market faster while supporting a complete set of advanced routing, MPLS and IPv4/IPv6 functionality.

Information from [TMCnet](#) and [BusinessWire](#).

InterNiche Technologies Posts Fixes for TCP/IP Denial of Service Scenarios

Date: Wednesday, April 28 @ 21:43:19

Topic: IPv6 News

InterNiche Technologies, Inc., a major supplier of Internet and network security protocols stacks used worldwide by network devices and embedded applications OEMs, today announced that they have updated their NicheStack(TM) and NicheLite(TM) stacks to address the TCP Reset (RST) and SYN Attack vulnerabilities that were disclosed today by the United Kingdom's National Infrastructure and Security Coordination Centre.

"InterNiche has been working with the NISCC since first alerted to this vulnerability and on April 8th we informed NISCC that we had examined the scenario, had tested a patch and posted an updated version of our NicheStack IPv4, NicheStack IPv4/IPv6 Dual, and our NicheLite protocol stacks," said Brian Ramsey, Vice President of Marketing at InterNiche.

Information from [TMCnet](#), [eMediaWire](#), [LinuxElectrons](#) and [BusinessWire](#).

Network Security Turned Inside Out

Date: Wednesday, April 28 @ 21:48:33

Topic: IPv6 News

InMon Corporation, the leading supplier of traffic monitoring solutions for high-speed switched and routed networks, has introduced InMon Traffic Server 4.0 which provides unprecedented capability to identify security threats that have breached or evaded traditional IDS and firewall solutions.

In addition to the new security features, Traffic Server 4.0 also capitalizes on sFlow's detailed packet level data export capability to present detailed statistics on higher-level protocols (such as RTP, used to carry VoIP etc.) and IPv6.

Information from [TMCnet](#) and [BusinessWire](#).

Giga Picks IP Infusion Software

Date: Wednesday, April 28 @ 21:51:56

Topic: IPv6 News

IP Infusion, a leading provider of intelligent network software for enhanced IP services platforms, announced today that GIGA STREAM has become the latest network equipment manufacturer to power its next generation platform with the ZebOS Advanced Routing Suite.

GIGA STREAM delivers to mobile and fixed operators a single platform switch that integrates 3G, WLAN and high-performance IP packet transmission capabilities, therefore enabling seamless roaming for mobile subscribers.

Information from [LightReading](#), [BoardWatch](#) and [MarketWire](#).

EZchip Delivers Network Processor Based Platform with Ten 1-Gigabit Ports

Date: Wednesday, April 28 @ 21:56:34

Topic: IPv6 News

EZchip Technologies (a subsidiary of LanOptics Ltd., NASDAQ: LNOP), a fabless semiconductor company providing high-speed network processors, today announced the availability of a complete hardware/software platform, named EZsystem, based on its NP-1c 10-Gigabit network processor.

EZchip also provides customers with a broad library featuring tested NP-1c source code for a wide range of applications. These include MPLS, VPLS and Draft Martini, IPv4, IPv6, ACL (Access Control Lists), Server Load Balancing and URL filtering.

Complete information from [TMCnet](#), [LinuxElectrons](#) and [BusinessWire](#).

ISC Releases BIND 9.3 Beta

Date: Wednesday, April 28 @ 22:03:09

Topic: IPv6 News

Internet Systems Consortium, a non-profit organization dedicated to supporting the infrastructure of the Internet, said last week that it has released a beta version of BIND 9.3, the latest version of the open source DNS software that runs on over 75 percent of the Internet's name servers.

According to the organization, BIND 9.3 also features improved support and control for IXFR, RRset ordering, IPv6 transport and records, and cache size.

Information from [theWHIR](#) and [enterpriseitplanet](#).

Freescale Semiconductor Selects Green Hills Software's Compilers

Date: Thursday, April 29 @ 09:51:59

Topic: IPv6 News

Green Hills Software Inc., the market leader in royalty-free real-time operating systems (RTOS), today announced that the PowerPC MPC7447A processor families from Freescale Semiconductor, a wholly owned subsidiary of Motorola Inc., used Green Hills Software's MULTI C/C++ compilers to achieve record-setting performance on benchmarks recently performed by Freescale Semiconductor (formerly known as Motorola Semiconductor) and certified by EEMBC Certification Laboratories.

Complete information at [TMCnet](#) and [BusinessWire](#).

3 Questions: The next Internet

Date: Thursday, April 29 @ 09:59:00

Topic: IPv6 Task Force SC

With Jim Bound, the chairman of the North American IPv6 task force and an HP Fellow. Recently, an important test of the Internet Protocol version 6 (IPv6) was successfully completed.

They should be aware that it is the next-generation Internet protocol that will permeate the planet. It also is going to permit mobile computing and the ability to address a vast number of devices.

Complete info at [TechRepublic](#).

Dept of Defense Selects Ixia

Date: Thursday, April 29 @ 15:41:31

Topic: IPv6 News

Ixia, a leading, global provider of IP network testing solutions, was selected by U. S. Department of Defense's DICE '04 (Defense Interoperability Communications Exercise) testing group for IPv6 network layer performance, conformance, and application testing.

"Ixia has provided us with a comprehensive solution that includes testing for protocols, applications and conformance to specifications, and I have been impressed both with the scope and capability of their testing solutions, and the high caliber of technical personnel they've dedicated to supporting this effort," said Major Roswell Dixon, United States Marine Corps and tactical networks test officer for the Joint Interoperability Testing Command.

Complete information at [LightReading](#).

Making up for lost time on IPv6

Date: Friday, April 30 @ 07:12:44

Topic: IPv6 News

The official result of the Moonv6 project that ended in March will be a white paper describing how participants got a varied bunch of IPv6 equipment, networks, functions and applications working together. The unofficial, but more important, result may be a thriving future U.S. IPv6 market, sparked by government and industry working together.

Complete article at [AmericasNetwork](#).
