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Abstract	This deliverable provides a short summary of the news items published on the IPv6 Cluster website in the period November 2003 to December 2003.
Keywords	IPv6 IST News

6POWER provides toll-quality IP voice services over power line comms

Date: Wednesday, October 29 @ 14:56:43
Topic: 6POWER

The 6POWER project has already provided good exploitation results. The QoS mechanism developed by the project has enabled the offering of toll-quality voice services over PLC, and consequently allowed early commercial exploitation.
Some news about this is available at the 6POWER web site.

One Billion Euros to strengthen Europe's role in ICT

Date: Friday, October 31 @ 09:16:08
Topic: IPv6 Cluster News

Bringing Information and Communication Technologies (ICT) closer to people's needs, making it easier to use by everyone and strengthening Europe's industrial competitiveness: These are the challenges of the IST priority in the Community's 6th Framework Programme for research and development. The aim is to make all European citizens and businesses benefit from the advantages that progress in ICT can bring and to reinforce Europe's role in shaping the development of the technology and its applications.
The Commission has just finalised the evaluation of proposals submitted to the first call for proposals to the IST priority. With the help of external experts, 236 projects were selected out of 1400 submitted. These will receive above 1 B€ of funding and are expected to start the work in the coming 2-3 months.

Many of these projects will be including IPv6 technology. The IPv6 Cluster will identify and report the most relevant projects.

for more information see the Cordis site

IST2003 conference presentations are available on the CORDIS web

Date: Friday, October 31 @ 09:17:03
Topic: IPv6 Cluster News

The IST 2003 conference included plenary sessions that took place on 2nd October, and parallel workshops across the three days of the event. A supplementary stream of IST information sessions was included in the programme.
The presentations are published now at the Cordis site.

Ixia's ANVL IPv6 Conformance Test Suite Selected by Mentor Graphics

Date: Friday, October 31 @ 09:17:25
Topic: IPv6 News

Ixia, a leading, global provider of high performance IP network testing solutions, has been selected by Accelerated Technology, Embedded Systems Division of Mentor Graphics, to accelerate the IPv6 protocol development in their Nucleus(TM) NET(TM) networking product, a TCP/IP based network protocol stack for its embedded operating system.
Ixia's ANVL(TM) IPv6 Conformance Test Suites contain the most comprehensive coverage for IPv6 protocols available by providing a vast array of conformance tests for Routing, Bridging, Transport (TCP), IP Storage, Traffic Engineering (MPLS), Network Security, Tunneling, Multicast, RMON, and IPv6.

Click here for the complete press info.

Ixia Shoots the Moon

Date: Friday, October 31 @ 09:17:45
Topic: IPv6 News

Ixia, the leading, global provider of IP network testing solutions, demonstrated its leadership in IPv6 performance and conformance testing at a pivotal interoperability event where equipment manufacturers and ISP's came to validate complex IPv4/IPv6 topologies.
Ixia achieved its early leadership position by supporting early deployments of IPv6 in the IPv4-challenged Asia-Pacific region, thus enabling its successful demonstration of mixed IPv4/IPv6 topologies at the Moonv6 interoperability event.

Click here for the complete press info.

Ixia's Sophisticated Protocol Emulation Validates Complex IPv4/IPv6 Topologies

Date: Friday, October 31 @ 09:18:04
Topic: IPv6 News

Ixia, the leading, global provider of IP network testing solutions, demonstrated its leadership in IPv6 performance and conformance testing at a pivotal interoperability event where equipment manufacturers and ISP's came to validate complex IPv4/IPv6 topologies.
Ixia's IPv6 solution, because of its unparalleled capability for producing in-depth result metrics, has been widely deployed in Global Enterprise Networks, and has been chosen by the world's largest network equipment manufacturers for validating their devices both in performance and conformance, including Cisco Systems, NTT, Hitachi, Nokia, etc.

Click here for the complete information.

Nokia IPv6 Phone

Date: Friday, October 31 @ 12:20:14
Topic: IPv6 News

At the annual Nokia Mobile Internet Conference in Nice, France, Nokia introduced the world to Series 90 - its first pen-based software platform using Symbian OS 7.0s - sporting a high-resolution, color user interface. The first device based on the Series 90 platform was also announced, the radically designed Nokia 7700. The 7700 supports IPv6 and comes with the Opera web browser installed (as will the Nokia 6600).

Click here for the complete press info.

Official info at the Nokia site.

Nokia Demonstrates World's First Dual Stack IPv4/IPv6 CDMA Handset

Date: Wednesday, November 05 @ 09:44:30
Topic: IPv6 News

Nokia today demonstrated the world''s first dual stack IPv4/IPv6 CDMA handset, setting the standard for future mobile Internet devices. This prototype handset addresses the increasing demand for advanced Internet-connected mobile devices in an environment in which existing Internet Protocol version 4 (IPv4) addresses are rapidly being depleted, and will soon be replaced by nearly infinite Internet Protocol version 6 (IPv6) addresses.
Nokia is currently offering prototype IPv6 CDMA handsets to operators for testing purposes, and will be ready for commercial delivery of dual stack IPv4/IPv6 handsets during 2004.

For the complete info, click here.

Nokia Demonstrates World's First Dual Stack IPv4/IPv6 CDMA Handset

Date: Wednesday, November 05 @ 09:44:50
Topic: IPv6 News

Nokia has demonstrated the world's first dual stack IPv4/IPv6 CDMA handset, setting the standard for future mobile Internet devices. This prototype handset addresses the increasing demand for advanced Internet-connected mobile devices in an environment in which existing Internet Protocol version 4 (IPv4) addresses are rapidly being depleted, and will soon be replaced by nearly infinite Internet Protocol version 6 (IPv6) addresses. Nokia is currently offering prototype IPv6 CDMA handsets to operators for testing purposes, and will be ready for commercial delivery of dual stack IPv4/IPv6 handsets during 2004.
The detailed press release can be read at http://biz.yahoo.com/prnews/031105/daw010_1.html

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6WIND wins prize at IST2003 event

Date: Wednesday, November 05 @ 09:49:20
Topic: IPv6 Cluster News

The IST 2003 conference was held on 2-4 October 2003 in Milan. The event is the premier showcase for European IST research projects. French company 6WIND won one of 20 top IST prizes for their IPv6 router product. 6WIND is involved in a number of the IST Cluster projects, including 6WINIT, Euro6IX and 6POWER.
A video clip can be seen here.

More information on 6WIND can be found here.

The Conference publications, results of networking sessions and video clips of IST prize awards are all available at the official site

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RIPE NCC makes statement on IPv4 address space

Date: Wednesday, November 05 @ 11:40:53
Topic: IPv6 News

There has been considerable discussion recently on the projections for supply of IPv4 address space, with predictions varying for projected exhaustion dates. While supply and demand forces will mean IPv4 address space will never run out, the introduction of new IP device requirements, for example hundreds of millions of mobile handsets, may dramatically increase the pressure on the existing space. The RIPE NCC statement comments on projections based on existing usage.
The RIPE NCC statement reads as follows:

"There have been press articles posted over the past year that make statements about the remaining pool of IPv4 address space. A recent article states there is a shortage and that Internet Protocol Numbers will run out some time in the year 2005.

The Regional Internet Registries (RIRs) do not themselves make predictions about when the remaining IPv4 address space will be depleted. They do, however, report on the rates of RIR allocation of IPv4 address space and on the state of the remaining pool of IPv4 address space.

The information provided in these RIR reports makes it apparent that many of the recent claims regarding IPv4 address space shortage are speculative and are not based on authoritative, publicly available statistics.

The global pool of IPv4 addresses is administered by the Internet Assigned Numbers Authority (IANA), which allocates address blocks to Regional Internet Registries (RIRs) as they are required. The IPv4 allocation unit in this case is the "/8 block", equivalent to approximately 16 million addresses. It should be noted that as of 30 June 2003 the global pool of IPv4 address space contained 91 of these blocks for this purpose.

The RIRs report on statistics regarding IPv4 allocation on their respective web sites and present a "Joint Statistics" report at each of the RIR meetings and at other Internet industry meetings several times yearly. This information is publicly available and provides the most up-to-date statistics on rates of IPv4 allocation. The most recent presentation on this subject can be found here.

This report states that the RIRs have collectively allocated 19.59 /8 equivalents in the four and a half years between January 1999 and June 2003. It also identifies that there are 91 /8 equivalents held by the IANA in reserve for future allocation by the RIRs.

Based on today's total global allocation rate of approximately 4.25 blocks per year in 2002, or 5.5 blocks in 2001, and the remaining pool of 91 blocks held by IANA, it is unrealistic to assume that there is an imminent shortage in the IPv4 address space. Even allowing for a dramatic increase in address consumption rates, it is highly probable that IPv4 address space will last well beyond the two years predicted by some."

This statement does not, of course, include any estimation of the growing number of IP devices that are being deployed behind NATs, as an ever increasing proportion of the total number of Internet-connected devices. This is a factor that should be bourne in mind.

EC seeks interest in Communications Paradigms for 2020

Date: Wednesday, November 05 @ 11:53:45
Topic: IPv6 Cluster News

The EC is seeking expressions of interest on Communications Paradigms for 2020. The objective of this action is to define a new proactive initiative in FET supporting visionary frontier research on communication and networking systems and concepts for 2020 and beyond.
The call for interest is online [here](#).

Some potential research areas have been initially identified (see [here](#)), including long-term and related socio-economic research, in emerging areas such as: Autonomic Communications, Bio-inspired communication systems, Meaningful Communication, Integrated Socio-economic and technological research, Open telecoms.

Please see further details [here](#) .

Rationale:
Developments in communication technologies hold a key and constantly growing importance for the economic and social development of Europe. In this respect it is crucial for FET to identify possible areas for long-term, foundational, high risk and visionary research in the domain of communications.

Impact:
The implementation of new communication paradigms may require developing technologies and systems that are radically different from those currently adopted or under investigation (e.g. 3G or 4G wireless systems, high-speed WLANs, etc.), therefore with a potentially wide impact, at the level of IST technologies and standards. New communication paradigms may also have an impact on security, content management aspects and social behaviour.

Communities addressed, other related initiatives New communication paradigms may emerge from a combination of areas such as: ad-hoc networks, chaotic communications, parasitic networks, dynamically or self-reconfigurable distributed peer-to-peer networking, scalable / active networks, passive radio, no-power devices, flexible spectrum occupation, etc. They may also stem from inter-disciplinary approaches taking into account some recent developments in physics (e.g. quantum communication and teleportation, etc.) or other relevant areas of research (such as embedded software/hardware, etc.)

EU IPv6 Task Force Releases Call for Action at EU level

Date: Wednesday, November 05 @ 19:48:06
Topic: IPv6 Task Force SC

The European IPv6 Task Force, in its second phase, mandated by the European Commission, has released today a new report addressing the deployment Status of the new Internet Protocol version 6 (IPv6) including a renewed Call for Action at the European Union level.
This roadmap report is a follow-up on the previous set of recommendations, released in January 2002, in accordance with the request of Commissioner Erkki Liikanen: "Our objective is to ensure that Europe's competitiveness in wireless technology is not jeopardised by the lack of a clear roadmap towards IPv6".

The press release is available at the EU Task Force Web Site, along with the complete report.

IPv6 Cluster Releases New Publication

Date: Wednesday, November 05 @ 19:49:01
Topic: IPv6 Cluster News

A new booklet, entitled 'Moving to IPv6 in Europe', has been produced by 6LINK, a project in the IST (Information Society Technologies) division of the EU's Fifth Framework Programme.
It provides an excellent overview of the current status of European R&D activities in the IPv6 area and covers projects, networks, trials and applications developed and demonstrated in the IST Programme.

Read the complete press info here.

Nokia shows off IPv6 phone

Date: Friday, November 07 @ 10:19:35
Topic: IPv6 News

Nokia Corp., the world's largest handset maker, has unveiled a prototype mobile phone based on IPv6, the next-generation Internet Protocol (IP) technology.
Nokia demonstrated a dual stack IPv4/IPv6 handset based on CDMA2000 1X (Code Division Multiplex Access) at the 3G World Congress in Bangkok, Thailand, on Wednesday, a company spokesman at the show said Thursday in a telephone interview.

Click here for the complete press info.

Gartner sets technology priorities for CIOs

Date: Friday, November 07 @ 10:19:52
Topic: IPv6 News

ITXpo conference focuses on prioritizing new technology introduction to the enterprise.
Chief information officers (CIOs) shouldn't worry about bringing IPv6 (Internet Protocol Version 6), 3G (third generation), or 64-bit computing to the desktop until as late as 2007 or 2008, Gartner Inc. analysts advised here Wednesday, at the company's Symposium/ITxpo conference. On the other hand, IP virtual private networks (IP VPNs), Wi-Fi, and replacement desktop machines should all be the subject of careful reflection today, the analysts counselled.

Read the complete article here.

New call for action on Net expansion

Date: Monday, November 10 @ 16:54:53
Topic: IPv6 Task Force SC

A European Commission body has made a renewed call for action on a protocol that will prevent the Internet from running out of space.
The European Commission IPv6 Task Force, formed almost two years ago, has again reiterated the importance of IPv6, which is effectively a new numbering system for the Internet that will allow for an almost incomprehensible number of Internet addresses. The current system, IPv4, only allows for about 4 billion addresses, which is not enough to give every person their own IP address.

Click here for the complete press info.

Interoperable Networks for Secure Communications

Date: Monday, November 10 @ 16:57:25
Topic: IPv6 News

An interesting project for testing security with IPv6 networks, Interoperable Networks for Secure Communications (INSC) is a technology application and development Project to develop and demonstrate an interoperable, manageable, and secure military internetwork over various military and civil subnetworks, including mobile networks, based on existing and emerging standards, and commercial services and products.
The objective of the Project is to design, implement, test and demonstrate a common technical architecture for interoperable secure networks which will lead to a basis for an international interoperability specification for secure communications for application by the Participants and subject to the conclusion of separate written arrangements, by organizations such as NATO.

More information is available [here](#).

AARNet offers IPv6 broker

Date: Monday, November 10 @ 16:57:50
Topic: IPv6 News

A FREE, experimental IPv6 "migration broker" has been announced, which will allow Australians on IPv4 internet connections to test out applications for the newer internet protocol.
Australia's academic and research network, AARNet, has use of a hardware appliance made by Canadian company Hexago, which allows end users on standard IPv4 to connect to the IPv6 internet by "tunnelling" the traffic from the migration broker to the end user. Click [here](#) for the complete info.

IPv6 task force puts forward EU action for wireless Internet

Date: Monday, November 10 @ 16:58:29
Topic: IPv6 Task Force SC

The IPv6 (Internet Protocol version 6) task force set up by the Commission issued on 5 November a report on progress made in the completion of this new Internet protocol.
The report issued by the IPv6 task force follows a January 2002 recommendation by Commissioner Liikanen to "ensure that Europe's competitiveness in wireless technology is not jeopardised by the lack of a clear roadmap towards IPv6." The report welcomes recent developments in European research but points out the lack of deployment in commercial applications.

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

New Software Gives Users IPv6 and IPv4 Wire Speed Performance and Flexibility

Date: Tuesday, November 11 @ 01:22:19
Topic: IPv6 News

Procket Networks, a leading provider of high performance Internet Protocol (IP) networking equipment, today announced significant new performance and feature enhancements to its PRO/8801(TM) and PRO/8812(TM) series routing platforms, including new capabilities in system management, network security, and system availability.
With the new enhancements, Procket now supports simultaneous IPv4 and IPv6 throughput of 960 Gbps in the PRO/8812 and 80Gbps in the PRO/8801. In recent third-party tests, the PRO/8801 platform demonstrated line rate forwarding of IPv6 traffic across four OC-192c interfaces on a single line card. These tests were designed to stress the system with both minimum packet sizes as well as a typical blend of Internet traffic. The tests verified wire speed performance across the board.

Click here for the complete press info.

NOMAD overview

Date: Tuesday, November 11 @ 01:48:54
Topic: NOMAD

The NOMAD project deals with the integration of location aware service discovery mechanisms, handover procedures and service / user profiling, by developing technology that allows users to freely roam across existing and future network infrastructures.

The mission statement of NOMAD is the research, specification, development and demonstration of middleware capable of seamlessly integrating available and future heterogeneous and homogenous network technologies (i.e. UMTS, HiperLAN2) as well as Internet-compatible, multi-hop ad-hoc networks into a single integrated network platform. Highly innovative technologies like mobility between devices and new algorithms for parallel usage of multiple access interfaces, will be an essential part of NOMAD. Further, NOMAD will support transparent service discovery and provision over integrated networks by the means of an intelligent service location and configuration middleware mechanism. It will enable users to locate resources and services within their physical and network environment regardless of the underlying network technology. Special focus of the service discovery process will be the integration of user profiles and positioning systems information.

The expected results are:

- Development of a prototype for integrated network platform which will incorporate a series of modern wireless and wirelined access technologies. The bearer networks will be based on UMTS, GPRS, and IEEE 802.11b. The usage of industry standards is imperative to ensure highest compatibility and industry acceptance.
- Development of facilities for the transparent discovery and provision of services on an integrated platform. This includes the necessary protocol extensions and the implementation of middleware capable of providing a supportive intelligent environment for transparent discovery, configuration and provision of user-centric and mobility aware services on an integrated network platform. This includes one-step access and buying (the user says what he wants and he gets it), personalized configuration of products and services and transparent configuration of composite service packages.
- Development of a mobile client based on standard hardware, network protocols and Internet web-technology (WWW) in order to ensure maximum compatibility to industry standards, thus avoiding waste of resources. Main features will be rich content provision, integration of positioning functionality (GPS) and user profiling

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Standard For Securing Domain Name System Nears Finalization

Date: Tuesday, November 11 @ 16:28:52
Topic: IPv6 News

An international standards body is close to releasing a security mechanism for authenticating data moving across the Internet, making it more difficult for people dispensing spam, viruses and worms to remain anonymous.
Although IPv6 is supported in the latest operating systems available today, most companies have yet to switch from the older IPv4. But concerns over potential cyber-attacks, and the new standard's technical advantages, could eventually push more companies toward adoption, experts say.

Click here for the complete article.

Nokia unveils first IPv4/IPv6 handset

Date: Wednesday, November 12 @ 19:55:41
Topic: IPv6 News

Nokia has demonstrated what it claims is the world's first dual stack IPv4/IPv6 handset.
"The introduction of dual stack IPv4/IPv6 devices is essential for the seamless transition of current IPv4 based networks and devices to the upcoming IPv6 environment," said Nokia. Click here for the complete press info.

ICANN Needs New Priorities

Date: Wednesday, November 12 @ 19:58:49
Topic: IPv6 News

Military historians have long looked to Carthage for examples of the power of decisive action and unconventional methods. So it's fitting that the Tunisian city was the site of what Internet pioneer Vinton Cerf called an overdue move to "substantive issues" for the Internet Corporation for Assigned Names and Numbers.
The foremost concern for ICANN should be the glacial movement toward IPv6. Updating a protocol that is older than most Internet users by quite a bit is vital for guaranteeing address space and ensuring stability. While few on the exclusive ICANN board quarrel with IPv6, the issue is getting merely equal time with less important fare such as the disclosure of Web operator home phone numbers on the WHOIS database. Meanwhile, industry and the federal government are committing in increasing numbers to IPv6 with the hope that the Net's main gatekeepers will use their responsibility to ensure a smooth transition. Click here for the complete press info.

NEC America Contributes Data Network Technology to National IPv6 Project

Date: Wednesday, November 12 @ 20:09:37
Topic: IPv6 Task Force SC

NEC America, Inc. today announced its contribution to Moonv6, a multi-vendor demonstration of the next-generation Internet Protocol version 6 (IPv6). Among the first data networking solutions to support IPv6, NEC's BlueFire(R) routers and switches are deployed in several positions within the test network.
NEC's BlueFire Series of multiservice switch routers, enterprise multilayer switches and access routers were used at an event that formally launched a nationwide IPv6 proving ground at the University of New Hampshire InterOperability Laboratory (UNH-IOL) in Durham, N.H. The performance and interoperability of the BlueFire components contributed to the success of the Moonv6 project.

Click here for the complete press info.

6POWER cooperates with ETSI in the 1st PLC Plugtests

Date: Wednesday, November 12 @ 20:17:28
Topic: 6POWER

ETSI Plugtests is pleased to invite companies to attend the 1st Powerline Technologies (PLT) interoperability event organised with the ETSI PLT committee with the cooperation of 6POWER.
Although different Powerline technologies exist, the PLT interoperability event will address the overall interoperability between products and will contribute, by a series of technical tests at the event, to identify any technical issues, which would prevent the deployment of a genuine PLT market, which is currently taking-off. Feedback from this first event will be valuable to the standardization work and to the whole Powerline community.

Click here for the ETSI PLC Plugtests site.

MIPv6 Remote Test

Date: Wednesday, November 12 @ 20:28:17
Topic: IPv6 Cluster News

The ETSI Plugtests Service is coordinating the Remote Mobile IPv6 test activity. The objective is to allow participants of MIP6 Remote Tests to test the following components of: Home Agent, Correspondent Node and Mobile Node.
More information available at the MIPv6 Plugtests site.

Interpeak Unveils Embedded Agent for SNMP

Date: Friday, November 14 @ 00:00:00
Topic: IPv6 News

Interpeak today announced the availability of a new embedded agent for the Simple Network Management Protocol, SNMP, enabling simple and uniform supervision of large networks containing heterogeneous devices. The Interpeak SNMP Agent is standards compliant and contains built-in IPv6 support, making it fully prepared for the next-generation Internet.
The Interpeak SNMP Agent is delivered as source code with built-in support for Interpeak's IPNET and IPLITE dual-mode IPv4/IPv6 TCP/IP stacks. This offers a network manager immediate access to the communication parameters of an embedded Interpeak system, using the SNMP protocol.

Click here for the complete press info.

IPv6 in the Spanish 2004-2007 R&D Programme

Date: Friday, November 14 @ 00:00:54
Topic: IPv6 Task Force SC

The Spanish Ministry of Science and Technology has published the 2004-2007 R&D Programme. This includes IPv6 as part of several topics, as suggested by the Spanish IPv6 Task Force effort.
IPv6 is considered in general for the Communications Technologies but also for its relevance in the Security and Trust in the Information Systems, the Communications and the Information Society Services.

Heise publishes EU Task Force call for action

Date: Friday, November 14 @ 00:48:59
Topic: IPv6 Task Force SC

The prestigious German online publication "Heise", has published an interesting article regarding the last EU IPv6 Task Force recommendations.
The article is in German, but being HTML, a number of free tools are available to get a good idea of the contents.

Click here for the article.

EC calls for more research into IPv6

Date: Friday, November 14 @ 01:41:40
Topic: IPv6 Task Force SC

According to Total Telecom, a new report makes proposals to encourage take-up of new Web addressing system. A taskforce set up by the European Commission is stepping up its drive to encourage the rollout of IPv6 Web addressing system in the European Union with the publishing of a new report.
Among its latest proposals, the taskforce has suggested the establishment of an EU centre of excellent to promote research into the subject.

In addition, it has called for the creation of a new expert panel to examine in detail non-technical barriers to IPv6 deployment.

The taskforce is also encouraging governments, EU institutions, universities and schools to use the new protocol.

The body was set up because of concerns that the EU might be slow to adopt the standard.

For more information on the report, click here.

The Total Telecom article is here.

Successful Demo of Beyond-3G Wireless IP

Date: Monday, November 17 @ 11:50:59
Topic: Moby Dick

NEC Europe Ltd announced the successful completion of the three-year "Moby Dick Project", aimed at developing a seamless converged mobile network architecture based on Internet Protocol version 6 (IPv6). The project was born amid the hyperbole of UMTS licence sales in 2000. The Moby Dickparadigm was to be based entirely on the Internet, with obvious cost advantages for operators and users, integrating licensed and unlicensed radio access networks. The MobyDickgroup decided that the IP layer would be directly on top of TD-CDMA. The TD-CDMA interface and the radio link protocol would exist but other network elements, such as RNC, HLR, VLR, SGSN, GGSN are replaced by functionally IP-based equivalents – MIPv6 home agents and access routers, AAA Servers and QoS brokers. The data transmission is pure IPv6 from end-to-end without a tunnelling protocol (like GTP), offering significant advantages and simplified inter-technology handovers.

Click here for the complete press info.

Internet to be 50 Times Faster by 2010

Date: Monday, November 17 @ 11:51:29
Topic: IPv6 News

The telecommunications network in Korea will be 50 times faster than its current speed and will cover the entire nation by 2010. The Ministry of Information and Communication (MIC) on Monday unveiled the plan to foster Broadband convergence Network (BcN) infrastructure.
The MIC said that for BcN to be successful, it must provide a high quality of service, security, and sufficient Internet protocol (IP) addresses using IPv6.

Click here for the complete press info.

NEC Demonstrates Beyond-3G IP-based Converged Mobile Architecture

Date: Monday, November 17 @ 11:51:53
Topic: Moby Dick

NEC Europe announced the successful completion of the three-year "Moby Dick Project", aimed at developing a seamless converged mobile network architecture based on Internet Protocol version 6 (IPv6). The project title "Moby Dick" stems from "Mobility and Differentiated Services in a Future IP Network", fostering the evolution of mobile and wireless infrastructures toward the Internet and targeting the "Terrestrial Wireless System and Networks" area of the Information Society Technologies (IST) programme.

Click here for the complete press info.

NEC Contributes To Moonv6 Demo Of IPv6 Using BlueFire Routers And Switches

Date: Tuesday, November 18 @ 10:47:14
Topic: IPv6 News

NEC America, Inc. (NEC) announced its contribution to Moonv6, a multi-vendor demonstration of the next-generation Internet Protocol version 6 (IPv6). Among the first data networking solutions to support IPv6, NEC's BlueFire routers and switches are deployed in several positions within the test network.
NEC's BlueFire Series of multiservice switch routers, enterprise multilayer switches and access routers were used at an event that formally launched a nationwide IPv6 proving ground at the University of New Hampshire InterOperability Laboratory (UNH-IOL) in Durham, N.H. The performance and interoperability of the BlueFire components contributed to the success of the Moonv6 project.

Click here for the complete press info.

Accelerate Advanced Networking Services for Real-Time Supercomputing Application

Date: Tuesday, November 18 @ 10:48:32
Topic: IPv6 News

At SC2003 Cisco and SURFnet Demonstrate Industry's First Digital Video Transmission Using High Performance IPv6 Multicast Technology over a Trans-Atlantic Link.
At SC2003 Cisco highlighted its ongoing efforts to advance the state of networking by demonstrating the industry's first IPv6 multicast digital video transmission over a trans-Atlantic link using Cisco 12000 Series routers while also using the Cisco Catalyst 6500 Series switches to aggregate IPv6 traffic at the SURFnet site in Amsterdam. Real-time applications, such as digital video, are highly sensitive to jitter and packet re-ordering and sequencing and this demonstration shows how IPv6, like IPv4, can effectively transport multiple streams of high quality video over long-haul networks. The demonstration was conducted in conjunction with SURFnet, the national computer network for higher education and research in The Netherlands. Click here for the complete press info.

Ixia's Optixia, the Industry's Most Advanced Network Test Platform

Date: Tuesday, November 18 @ 10:48:51
Topic: IPv6 News

Ixia, a leading, global provider of IP network testing solutions, announced today that Cisco Systems, Extreme Networks and Force10 Networks have adopted Optixia, the world's most advanced network test platform. Optixia has the highest port density available in the industry, which is necessary to validate next-generation networking equipment. Ixia developed the Optixia platform in direct response to requests from leading network equipment manufacturers to provide greater economy of scale and significantly higher throughput testing capabilities.
Gigabit Ethernet fiber interface on every test port, along with a processor per port, allowing verification of complex networking protocols, such as IPv4 and IPv6 versions of multicast and routing protocols (BGP, OSPF, IS-IS, RIP), as well as LDP, Layer 2 VPNs, Layer 3 VPNs, VPLS, and MPLS RSVP-TE. Optixia also runs the Real World Traffic(TM) Suite -- Ixia's line of Layer 4-7 applications for testing devices and networks. Because of the flexibility of the Optixia platform, it can function as a customer's single test tool, capable of running a comprehensive set of performance analysis applications for both positive and negative test cases, as well as providing automated testing using Ixia's automation tools. Click here for the complete press info.

Next Generation Internet (IPv6) Workshop at WSIS, Geneva, 9th December

Date: Wednesday, November 19 @ 14:55:12
Topic: IPv6 Task Force SC

The European Union IPv6 Task Force and the Internet Society are pleased to announce the Next Generation Internet (IPv6) Workshop, to be held within the framework of the World Summit of the Information Society (WSIS), 9th December 2003 in Geneva.
This workshop aims to raise awareness on Internet Protocol version 6 (IPv6). Educate WSIS stakeholders, in particular Governments and civil society from developed and developing nations, on the new Internet infrastructure and opportunities for non-for-profit and commercial entities. It ensures that the concerned authorities start to think about designing and adapting the current environment to a new "regulatory framework" that enables to convert the new possibilities into business opportunities. It also informs on IPv6 current status, regional developments and deployments worldwide ("road-map"), and the expected evolution. Lastly, it raises awareness on the benefits and implications of IPv6 for civil society, in network and information security and privacy.

With more than 600 millions users connected to the Internet and its explosive growth in the last few years, the IP addresses space is becoming scarce, in particular in developing countries. With Internet services being introduced in wireless and broadband communications, expectations for 2005 are that more than 1 billion users and thousands of new applications will need to be connected to the Internet.

The complete information is available here.

To attend this workshop, and this includes speakers, you need to register. Unless you are already accredited to the Summit by your company/organization/international organization. Entry fees is 20 SF/day.

ESA and IPv6 over satellite

Date: Friday, November 21 @ 21:10:21
Topic: IPv6 News

The European Space Agency (ESA) recently started several activities for investigating and demonstrating "IPv6 over satellite". The use of satellite technology can be important to bring IPv6 into regions with no or poor terrestrial connectivity.
One of these activities is called "Preparation for IPv6 in Satellite Communications". In this project first satellite specific protocol issues for IPv6 will be investigated. Furthermore the impact of IPv6 on satellite network architectures will be analysed and appropriate transition scenarios will be proposed. Finally demonstrations of IPv6 over satellite will be selected and executed. Further information can be obtained here.

A second set of activities are two projects called " Standardization Support of Enhanced IETF IP Encapsulation Techniques for DVB-S". Here two projects will develop and implement an enhanced IP in MPEG-2 encapsulation technique for DVB-S sender and receiver devices. One of these projects will use the Open DVB Gateway from Global Communications & Services GmbH as platform.

The other project is done by IABG and 6WIND, and will use the 6WINDGate 6200 series router as platform. Selecting 6WIND as platform will allow to use many of the already supported IPv6 functionalities over satellite links. Further information can be obtained here.

Interoperability tests are planned between these new developments for next February 2004.

Official Recommendation on IPv6 Deployment for France

Date: Friday, November 21 @ 21:12:20
Topic: IPv6 Task Force SC

In conjunction with the opening of Networld+Interop Paris 2003 on 19 November, the French IPv6 Task Force presented to Claudie Haigneré, Minister for the department of Research and New Technologies in the French Ministry for Finance, Economy and Industry, its official recommendations for establishing a strategic plan to develop and deploy IPv6 technologies for the country.
"Our ministry completely supports the promotion of IPv6 in France, hence the financing as well of the French IPv6 Task Force activities. At the same time, our national university and research network, RENATER, is currently carrying out deployment and innovation on IPv6 at the national as well as European level. We are also heartened by the fact that several leading French companies have been the engines for initiating European research programs on IPv6. The Task Force's recommendations reinforces the guidelines I gave at CIGREF (meeting of the Information Technology Club of large French enterprises) 2002, calling for the progressive deployment of IPv6 to begin without delay. Therefore, we will certainly take into account the recommendations, to plan a migration of the State's public information services towards IPv6", said Claudie Haigneré. See the complete report. The press release is available here.

New Web address system due in 2007

Date: Friday, November 21 @ 21:13:05
Topic: IPv6 News

Korea plans to adopt a next-generation Internet address system, known as Internet Protocol version 6, or IPv6, by 2007, the Ministry of Information and Communication said.
Information and Communication Minister Chin Dae-je hosted a meeting Wednesday to step up the development of the IPv6 system. In attendance were 23 corporate executives, including those from SK Telecom Co., KTF Co., Hanaro Telecom Inc., Samsung Electronics Co. and LG Electronics Inc., the ministry said.

Click here for the complete info.

Japan, China to experiment on broadband cell phone

Date: Sunday, November 23 @ 12:17:54
Topic: IPv6 News

Japan and China are planning to conduct a joint experiment on a new generation Internet-capable mobile phone for high-speed data communication between the two countries, Japanese telecom ministry officials said Sunday.
The three-year project aimed at promoting better Asian information technology (IT) systems will begin in December and use the Internet Protocol Version 6 (IPv6), the officials said. (Kyodo News).

Read the complete info here.

IPv6: Asia's Agent of Change

Date: Sunday, November 23 @ 12:18:42
Topic: IPv6 News

Internet Protocol Version 6 (IPv6) is the agent of change. Approved by the current standards body, the Internet Engineering Task Force (IETF), IPv6 will be more equitable. Making the change overnight would be expensive, though, because new hardware is required; so it is taking time, the change happening incrementally as providers routinely update older hardware.
But with the backing of the Japanese government (JPY8 billion in 2001 alone) and industry, along with that of other countries like South Korea and China, IPv6 is coming to Asia first. Both the Japanese and Chinese governments have set a target date of 2005 for full implementation.

This is an interesting article.

Hitachi, Matsushita Agree on Standard for Home Appliances Adopting IPv6

Date: Sunday, November 23 @ 12:19:31
Topic: IPv6 News

Hitachi Ltd and Matsushita Electric Industrial Co, Ltd have decided on a standard they will promote for Internet-linked consumer electronics adopting IPv6 technology with a view to improving their connectivity. Hitachi and Matsushita announced in May 2001 a policy on joint development of IPv6, and the latest announcement is considered to be one of the achievements under the business alliance toward that end.

As another achievement related to the joint project, the two companies have developed a means to process the IPv6 protocol with home appliances incorporating microcomputers. Portions of the protocol processing will be handled by coprocessors. This system is said to speed up the processing by more than 10 times as compared with regular software processing by microcomputers.

Read the complete info [here](#).

Hitachi Begins Marketing Gigabit Routers in China

Date: Sunday, November 23 @ 12:20:11
Topic: IPv6 News

On November 4, Hitachi's Information and Telecommunication Systems Group (TSE: 9741) and Hitachi China (HCH) began marketing the GR4000 Series of high-end gigabit routers in China.
The IPv6 router offers 640Gbps back-plane switching capacity with 10Gbps Ethernet connectivity support. Hitachi will supply the router to HCH, and provide consulting and technology support in development and management of network systems.

The companies plan to sell a total of 2,000 routers of the GR4000/2000 Series over the next three years, targeting telecom carriers, government offices, and corporations. The number of Internet users in China is expected to reach 100 million by 2006.

The complete info is available [here](#).

Parisian Academic Network (RAP) chooses 6WIND

Date: Monday, November 24 @ 09:08:23
Topic: IPv6 News

The Parisian Academic Network (RAP) announced today its selection of 6WIND's access router solution, the 6WINDGateä 6200 series, to build a native IPv6 network, offering IPv6 VLAN (virtual local area network) access to its connecting sites. This means, effective January 2004, the Parisian academic community from over 100 sites will have a dedicated broadband access to the new generation internet, linked to the French National Educational Network, RENATER, for carrying out research and development in a dual protocol environment, IPv4 and IPv6.
The network will offer seamless interoperability benefits to end-users who are in either Internet environment. This total transparency for the end-user will facilitate further innovations and tests built around the richer functionalities of IPv6, especially enabling end-to-end security, enhanced mobility and nomadic applications as well as wireless applications.

The complete press release is available [here](#).

Japan, China to conduct tests on broadband mobile phones

Date: Monday, November 24 @ 09:08:43
Topic: IPv6 News

Japan and China are planning a joint experiment on a new generation of Internet-capable mobile phones for high-speed data transmissions between the two countries, telecommunications officials said Sunday.
The three-year project, aimed at promoting better Asian information technology systems, will begin next month and use Internet Protocol Version 6 (IPv6), the officials said.

The officials of the Public Management, Home Affairs, Posts and Telecommunications Ministry said the IT experiment will test a fourth-generation mobile phone capable of data communications comparable to speeds using fiber-optic cables. Click here for the complete info.

RIPE NCC announces IPv6 Tunnel Detection Tool

Date: Monday, November 24 @ 09:21:27
Topic: IPv6 News

Today, many IPv6 networks are based on tunnels. Traceroute6 is one of
many tools used to assess route vectors and latency. However, IPv6
tunneling undermines the validity of Traceroute6 because it only
delivers results based on the IPv6, and not the IPv4, layer.

The Tunneldiscovery Tool allows users to detect an IPv6 tunnel by measuring the MTU size [RFC 1981] over an entire path and displaying it in a table. In the case of IPv6 tunneling, the MTU size will be decremented by the size of the IPv4 header. If the MTU value between source and destination does not amount to 1500 bytes, which is the normal value for our Ethernet connected test boxes, it could indicate the presence of at least one tunnel in the path. For more information, see here.

The Tunneldiscovery Tool is available here.

Swiss IPv6 Task Force publishes IPv6 HowTo

Date: Monday, November 24 @ 09:28:03
Topic: IPv6 Task Force SC

The Swiss IPv6 Task Force has produced a short guide on the basics of getting IPv6 connectivity. The guide includes pointers to Swiss ISPs who can offer IPv6 consultancy or services.
The HowTo guide is available here.

Full Test Specification of TAHI is Available

Date: Monday, November 24 @ 09:52:42
Topic: IPv6 News

The test specification of the original TAHI IPv6 Test Suite is now
available.
More details can be found here.

Global Grid Forum (GGF) establishes IPv6 WG

Date: Monday, November 24 @ 10:07:05
Topic: 6NET

The Global Grid Forum (GGF) has recently established an IPv6 WG. The WG met at GGF9, and its charter
has been formalised. It is initially tasked with producing two documents. The first is a review of IPv4
dependencies in existing GGF specifications, the second is a set of guidelines for IP version-independence in
future specifications.
Members of the 6NET project are active in the initiative, through the GGF IPv6 WG co-chairs Piers O'Hanlon
(UCL) and Brian Carpenter (IBM).

For more details, see here.

Registration for the RIPE-47 meeting is now open

Date: Monday, November 24 @ 10:09:44
Topic: IPv6 News

The RIPE 47 Meeting will take place from 26 to 30 January 2004 at NH Grand Hotel Krasnapolsky in
Amsterdam, the Netherlands. RIPE Meetings are open to everyone and provide an excellent opportunity to
participate in Internet policy discussions. The IPv6 session is scheduled for the afternoon of 27th January
2004.
Additionally, there will be various tutorials that will be of interest of network operators and administrators.

For registration details see here.

First IPv6 Ready Logo holders announced

Date: Monday, November 24 @ 10:24:38
Topic: IPv6 Task Force SC

The IPv6 Ready logo program has announced its first list of vendor products and devices that have passed the Phase 1 certification process. The IPv6 Ready program has been established to promote interoperability for IPv6 devices, and to raise awareness of devices that offer a certain level of IPv6 capability.
For more details see the official IPv6 Ready web site.

China, Japan to jointly test 4G phone

Date: Tuesday, November 25 @ 10:15:14
Topic: IPv6 News

Japan and China are planning to conduct a joint experiment on a new generation Internet-capable mobile phone for high-speed data communications between the two countries, Kyodo news service reported Sunday, citing Japanese telecom ministry officials.
The three-year project aimed at promoting better Asian information technology systems will begin in December and use the Internet Protocol Version 6, or IPv6, Kyodo also quoted the officials as saying.

The officials of the Public Management, Home Affairs, Posts and Telecommunications Ministry of Japan said the IT experiment will test a fourth-generation (4G) mobile phone capable of data communication comparable to speeds using fiber-optic cables, the agency reported. Under the program, the two countries will experiment on sending and receiving Internet data via the mobile phone at speeds of up to 100 megabits per second, much faster than the third-generation phones with speeds of up to 2.4 megabits per second, Kyodo said. Click here for the complete info.

4G gets test rollout in Japan and China

Date: Wednesday, November 26 @ 10:30:35
Topic: IPv6 News

Japan and China plan joint experiments on a new generation Internet-capable mobile phone for high-speed data transmissions that will work in both countries at far higher speeds than current 3G phones.
Japanese officials said the experiments would being in December and take three years, the Kyodo news service reported. The project would use the Internet Protocol Version 6 (IPv6) and achieve speeds of up to 100Mb per second, comparable to fibre-optic cables and much faster than the current 3G mobile phone maximum of 2.4Mb per second.

Click here for the complete info.

Internet to Be 50 Times Faster by 2010

Date: Thursday, November 27 @ 10:04:26
Topic: IPv6 News

Korean Government has announced its BcN + IPv6 plan. The telecommunications network in Korea will be 50 times faster than its current speed and will cover the entire nation by 2010. The Ministry of Information and Communication (MIC) on Monday unveiled the plan to foster Broadband convergence Network (BcN) infrastructure.
The government will invest 2 billion won, together with 67 billion won from the private sector, in improving the quality of the broadband multimedia service covering the whole country.

Once the BcN project is completed, TV broadcasts, telecommunications and the Internet will be converged into one single network with transmission speeds of 50~100 Mbps, which is about 50 times faster than the current VDSL line used in many households.

Ubiquitous networking will also be available through BcN, whereby any electronic device, such as refrigerators or digital televisions, will be able to perform as a network console, thus enabling customers to use Internet anytime and anywhere.

The MIC said that for BcN to be successful, it must provide a high quality of service, security, and sufficient Internet protocol (IP) addresses using IPv6.

IPv6 is an enhanced address system, which provides almost limitless IP addresses while the current IPv4 system only has about 4.3 billion addresses and is expected to be full by 2006.

It is estimated that BcN will add value 95 trillion won to the economy as well as create new 370,000 jobs by 2010. The export of BcN-related products will also increase from the current $2.7 billion to $13.5 billion in 2010.

A special research team, consisting of 178 experts from various research labs and companies, compiled the report. The research team, which has been working on the project since May, will hold a series of seminars to finalize details of the project in December. The first seminar will be held today at the Seoul Hilton Hotel in downtown Seoul.

Japan and China to develop 4G phones

Date: Thursday, November 27 @ 10:04:53
Topic: IPv6 News

Japan and China are developing 4G Internet-enabled mobile phones, aiming for transmission speeds of 100Mb per second.
The fourth generation phones will use Internet Protocol Version 6 (IPv6) to achieve high-speed data transmission.

The highest speed of existing 3G mobile phones is 2.4Mb per second.

Read the complete new [here](#).

Enterasys Networks Provides IPv6 Capable Hardware

Date: Thursday, November 27 @ 10:05:30
Topic: IPv6 News

Enterasys Networks Inc., a global provider of Business Driven NetworksTM for enterprise customers, today announced it has expanded its flagship Matrix N-Series switching platform with an entire new line of "Gold" modules, an additional chassis - the Matrix N5, and major enhancements to the existing "Platinum" suite of N-Series modules.
These new offerings and enhancements provide Enterasys' partners and customers with unprecedented flexibility, investment protection and advanced features, including IPv6, to meet their most challenging technical and business requirements.

The new N-Series Gold Distributed Forwarding Engine (DFE) modules support high-density, 10/100, 10/100/1000 and 100FX Ethernet interfaces, providing cost-effective and scalable connectivity for network edge deployments. These modules deliver "edge optimized" switching, routing, Quality-of-Service, dynamic and granular policy, security and traffic containment capabilities that are unmatched by competitive solutions. The Gold DFE modules are ideal for cost-effective deployments at the network edge through industry-leading 10/100 and 10/100/1000 densities.

"Enterasys is stepping up to meet the complex needs of next generation enterprise networks. The N-series architecture offers the right mix of competitive features and price points to address the diverse needs of the enterprise," said Joel Conover, principal analyst, Enterprise Infrastructure, Current Analysis. "With the latest N-series improvements, Enterasys proves that it is prepared to address the needs of advanced network deployments with IPv6, but also address cost sensitive markets, without compromising on functionality."

Click [here](#) for the complete press release.

Powering the next-generation Internet

Date: Friday, November 28 @ 11:31:43
Topic: 6POWER

It is the power supply that drives your computer, not the Internet connection. So says the traditional logic that electricity companies supply power and telecommunications companies, well, telecommunications. But this year could be a watershed for reversing that logic. Power Line Communication (PLC) allows the electricity grid to supply megawatts and megabytes - and at rates matching or surpassing those of DSL and cable.
As PLC starts to be implemented in Europe, the IST project 6POWER is looking to its future, and particularly to how it will enhance and indeed make necessary the roll out of the next-generation Internet, the Internet Protocol Version 6 (IPv6).

6POWER is featured at the IST Results web site.

European Commission presents IPv6, the new Internet protocol

Date: Saturday, November 29 @ 09:04:09
Topic: IPv6 Task Force SC

IPv6, the new version of the Internet Protocol, is ready for implementation and deployment. After almost 20 years of service the current version of the Internet Protocol IPv4 is gradually being phased out and the new version - IPv6 - will increasingly take over. To mark this occasion, the Information Society Directorate-General of the European Commission is organising The Global IPv6 Service Launch Event in Brussels on January 15-16, 2004.
The event will showcase the new protocol as well as a number of research projects that have demonstrated actual deployment of IPv6 and developed a number of complementary applications. This includes the new Internet speed record being set by the GÉANT network in October 2003 using the IPv6 protocol.

The goal of the event is to highlight the importance and impact of IPv6 to spur the deployment of the new protocol in all sectors.

One of the main problems of IPv4 is its limited address space. IPv4 only supports 4 billion IP addresses and as a result the world is slowly running out of the addresses needed for every computer to be accessed on the global network. IPv6 will not only vastly increase the available address space, it will also provide encryption functionality by default and make life easier for users by automatic network configuration of new devices. Another huge benefit of IPv6 is to restore pure end-to-end connectivity of devices on the Internet.

The event web site has already published the agenda and more complete details.

The attendance is only by invitation. Requests to attend must be sent to Marie-Gabrielle Dejardin marie-Gabrielle.Dejardin@cec.eu.int.

Japan and China to explore 4G

Date: Saturday, November 29 @ 09:10:14
Topic: IPv6 News

Japan and China are to collaborate in trial of 4G mobile phone technology that offers greater speed than current 3G mobile phones.
Japanese officials said tests would commence in December and could last for 3 years. The experiment will made use of IPv6 (Internet Protocol Version 6) technology and is expected to reach data transmission speeds of 100 Mb per second. Current 3G technology is only capable of 2.4 Mb per second but current commercial networks falls below of this mark.

Click here for the complete new.

IPv6 at Consumer Electronics Show 2004

Date: Tuesday, December 02 @ 09:10:21
Topic: IPv6 Task Force SC

The International CES and the IPv6 Forum have joined forces to promote the essential technologies necessary in deploying the IPv6 Internet protocol around the world. The IPv6 Forum event will take place during the 2004 International CES, the worlds largest annual tradeshow for consumer technology, January 8-11 in Las Vegas, Nevada, US.
"It is important to educate technology leaders about how IPv6 will provide increased IP addresses, mobility, quality and security into millions of our products," president and chief executive officer of CEA, the producer of the International CES, Gary Shapiro, said.

This event is supported by the several IPv6 Task Forces around the world.

Click here for the complete press info.

Ixia Launches L2-7/IPv6 Test Tool

Date: Wednesday, December 03 @ 09:37:25
Topic: IPv6 News

Ixia, a leading, global provider of IP network testing solutions, announced today that IxChariot 5.0, the first Ixia-developed product based on the acquisition of NetIQ's ChariotTM source code, has been released to worldwide customers.
By seamlessly integrating Ixia's world-class stream generation capabilities, IxChariot offers expanded IPv6 functionality, and is capable of emulating transaction rates at extremely high speeds. IxChariot integrates all current NetIQ Chariot features with a wide range of Ixia-designed functionality into a single software release for Ixia hardware, Sun Solaris, HP UX, and PC platforms.

Click here for the complete press info.

Japan Aims To Become World's Broadband Hub

Date: Wednesday, December 03 @ 10:31:12
Topic: IPv6 News

Japan is discussing with the United Nations on its ambitious plan to build a region-wide broadband network across Asia by 2010, a source close to the Electronic Times said on December 2.
Japan is set to become the world's information technology hub by successfully implementing the plan called 'Asia Broadband Platform', a move expected to spark keen competition with Korea, one of the world's telecom powerhouses.

"Japan is leading ahead in broadband competition, injecting staggering amounts of funds into building such infrastructure as FTTH and IPv6," said the Ministry of Information and Communication. "We have crafted countermoves, which include setting up of a broadband communications network, extending the Trans Euro-Asia Network to Malaysia and reinforcing Korea-China-Japan cooperation in IPv6 standardization".

Read the complete new here.

Interpeak Powers Newport Networks' Next-Generation Session Controllers with IPv6

Date: Wednesday, December 03 @ 11:02:25
Topic: IPv6 News

Interpeak AB, the technology leader in Internet and security protocol solutions for embedded systems, today announced that Newport Networks Limited has selected Interpeak's dual-mode IPv4/IPv6 IPNET router stack for its next-generation carrier-class Session Controllers. IPNET is a high-performance TCP/IP router stack tested and verified with industry leading routing protocols such as RIP, OSPF, BGP and MPLS.
Newport Networks manufactures and delivers carrier-class Session Controllers to Service Providers that want to offer voice and multimedia services on top of existing data and Internet services. Newport Networks' Session Controllers are a new breed of networking device that addresses the need for QoS and secure peer-to-peer connections.

Click here for the complete press info.

Next Generation IxChariot Test Software Available

Date: Sunday, December 07 @ 10:36:50
Topic: IPv6 News

Ixia has released IxChariot 5.0, the first Ixia-developed product based on the acquisition of NetIQ's Chariot source code. IxChariot offers expanded IPv6 functionality and is capable of emulating transaction rates at extremely high speeds. IxChariot integrates all current NetIQ Chariot features with a range of Ixia-designed functionality into a single software release for Ixia hardware, Sun Solaris, HP-UX, and PC platforms.
"The IxChariot Release 5.0 gives IT departments visibility into how their networks will perform when advanced services such as multicast, video on demand, or voice over IP are deployed," said David Anderson, senior vice president, worldwide sales and business development for Ixia. "Additionally, network equipment manufacturers can now use IxChariot to emulate the transaction environment found in an enterprise network to fully verify the performance characteristics of their devices in real time."

Click here for the complete press info.

North American ISPs trial IPv6

Date: Sunday, December 07 @ 10:37:46
Topic: IPv6 Task Force SC

ISPs in the U.S. are starting to test services that support IPv6, an upgrade to the Internet's main communications protocol. But advocates of the next-generation Internet technology say it may take until the year 2007 before U.S.-based multinationals are ready to deploy production IPv6 networks.
In October, the University of New Hampshire, the U.S. Department of Defense and the North American IPv6 Task Force announced deployment of the largest-ever IPv6 network for testing, training and software development purposes. Three ISPs - AT&T, Sprint and NTT - are supporting this nationwide test network, which is dubbed Moonv6.

Coordinators of Moonv6 say two more ISPs have committed to the project.

"U.S. ISPs are coming on board with IPv6," says Jim Bound, chairman of the North American IPv6 Task Force and an HP Fellow. "By February, five ISPs will have an IPv6 service for Moonv6. Two more major ISPs will be a part of our network."

Bound declined to identify which ISPs are joining the Moonv6 project. The only ISP that offers commercial IPv6 service in North America is NTT/Verio.

Bound said another sign of growing ISP support for IPv6 is that executives from AT&T, Sprint and NTT will speak at the U.S. IPv6 Summit, which will be held in Washington, D.C., Dec. 8-11.

As U.S. ISPs start supporting IPv6, forward-looking corporate network managers can start testing it.

"Most U.S. enterprises do not have IPv6 testbeds yet," Bound admits. "Starting next year we're going to be reaching out to the automotive industry, electronics, banking and manufacturing."

Click here for the complete press info.

Hexago's Migration Broker™ Service Deployed by AARNET

Date: Sunday, December 07 @ 10:38:05
Topic: IPv6 News

AARNet, Australia's Academic and Research Network has deployed a Migration Broker™ designed by Hexago Inc., to offer negotiated IPv6 tunneling services to its more than 800,000 customers in Australia, New Zealand, and the South Pacific.
"Many customers are choosing the Migration Broker as their most cost-effective step in implementing IPv6 as a service ...," says Duane Barry, Director of Sales at Hexago Inc. "This product provides for the deployment of IPv6 without disrupting your existing IPv4 infrastructure."

Complete press info here.

Dates for 60th and 61st IETF Meetings set

Date: Sunday, December 07 @ 10:45:40
Topic: IPv6 News

The Internet Engineering Task Force, the body which sets key standards for IPv6 and other Internet technology, has announced the dates for its next two meetings after the 59th meeting in Seoul next spring. The 60th meeting will be in San Diego on August 1-6, 2004, and the 61st meeting will be on November 7-12, 2004 at a venue to be decided.
For details, see the IETF meetings page.

EC Research Infrastructure November Newsletter

Date: Sunday, December 07 @ 10:52:16
Topic: IPv6 Cluster News

The European Commission's DG INFSO Research Infrastructure Unit's November 2003 newsletter is now available online. The newsletter includes information on IPv6 activities, including news on the forthcoming IPv6 Global Service Launch event on January 15-16, 2004, and news on a renewed call for action from the European IPv6 Task Force.
The newsletter contains many IPv6-related stories, and can be viewed here.

Internet2 Members Participate in DoD Project to Evaluate IPv6 Interoperability

Date: Sunday, December 07 @ 10:56:22
Topic: IPv6 News

Internet2 announced this week that more than 10 members of its membership are participating in the Moonv6 project, a large-scale implementation of the next-generation Internet Protocol. Moonv6 is a collaborative effort with the U.S. Department of Defense (DoD), the North American IPv6 Task Force (NAv6TF), the University of New Hampshire InterOperability Lab (UNH-IOL) and the Joint Interoperability Testing Command (JITC) to evaluate Internet Protocol version 6 (IPv6) in support of network-centric military operations.
Moonv6, a multi-site IPv6 network, tests the interoperability of numerous IPv6 implementations and is the largest multi-vendor IPv6 network to date. The project will provide strong support for IPv6 by testing and demonstrating its effectiveness under everyday circumstances.

A majority of the testing is being conducted on the Internet2 Abilene network a nationwide 10 gigabit per second (Gbps) high-performance network. In addition to the Abilene Network, Internet2 has 26 connectors, 24 peers and 34 members IPv6 enabled.

"Internet2's participation in Moonv6 has helped to showcase not only the readiness but the effectiveness of the next-generation Internet," said Ben Schultz at University of New Hampshire InterOperability Laboratory. "Internet2 continues to play a crucial role in helping us bring together university, industry and government organizations to demonstrate that IPv6 is ready for wide-area deployment throughout North America and the world."

For the full press release, see here.

New Generation Internet (IPv6) Summit Begins Today in Arlington

Date: Monday, December 08 @ 18:43:08
Topic: IPv6 Task Force SC

The North American IPv6 Task Force (NAv6TF) and the IPv6 Forum announce that the U.S. IPv6 Summit 2003 opens today at 7:30 A.M. at the Hotel Doubletree Crystal City in Arlington, VA, just minutes from the nation's capital and major business centers and within walking distance to the Pentagon. From December 8-11, five hundred of the most innovative and influential leaders from the global Internet community will gather to discuss strategic issues related to the DoD's adoption of the new Internet Protocol (IPv6).
The U.S. IPv6 Summit 2003 is kicking off the week today with a full day of in-depth tutorials led by Mike Brig, Senior Engineer, Defense Information Systems Agency (DISA), on developing and deploying the new Internet Protocol.

Clich here for the complete press release.

Network Processing Forum to Include IPv6 and Tunneling

Date: Wednesday, December 10 @ 10:54:14
Topic: IPv6 News

The Network Processing Forum (NPF) today announced it expanded its Interface Management API specification to include support for tunneling and IPv6. The Interface Management Application Programming Interface (API) Implementation Agreement (IA), originally released in September of 2002, provides a uniform programming interface to configure, manage and administer the external network ports of a networking system such as a router or a switch.
The API was expanded to include support for additional interfaces including IPv6 logical interface, IPv6 in IPv4 tunnel, and IPv4 and IPv6 tunnel interfaces. Establishing standard external port configuration interfaces greatly simplifies the process of incorporating network processing components from multiple silicon vendors and protocol stack vendors. This enables system developers to build uniquely competitive products in shorter time frames and at lower costs.

Click here for the complete press release.

Spirent joins group testing 'version 6' of Internet

Date: Wednesday, December 10 @ 10:54:40
Topic: IPv6 News

Spirent Communications, which designs computer network testing equipment in Honolulu, has joined several other high-tech companies in testing new protocols that one day will upgrade the Internet. The project is called Moonv6, the largest multi-vendor IPv6 network to date.
IPv6 refers to version 6 of the Internet protocol, the fundamental rules by which data packets are transmitted and handled on computer networks. New protocol rules could lead to better prioritization of packets, smart routing, and improved security. The Defense Department intends to move its Global Information Grid to IPv6 by 2008.

Click here for the complete press info.

Unix Network Programming, with new IPv6 references

Date: Wednesday, December 10 @ 10:55:13
Topic: IPv6 News

"Reviewing Richard Stevens' Unix Network Programming is akin to reviewing the New Testament for a Christian audience, or The Elements of Style for English majors. Everyone who is somehow involved in network programming on Unix/Linux systems generally refers to the tome as ultimate learning resource and the best reference out there."
The table of contents for Unix Network Programming provides a very good overview of what's packed into 31 chapters and 5 appendices that provide 950 pages of information on network programming (Addison Wesley states it's 1024 pages, but page 947 is the start of the bibliography, followed by an index which was designed by W. Richard Stevens himself for better usability). The book starts with the basics, with an introduction to network protocols and OSI model in chapters 1 and 2. The authors move on to socket programming (supporting TCP, UDP, and SCTP protocols), providing a working example of a TCP client-server application (Chapter 5) as well as SCTP client-server (Chapter 10). DNS service is covered in Chapter 10, with some additions dealing with IPv6 implementations. The largest part of the book -- Advanced Sockets -- covers a wide range of technologies and generally it's not expected that you cover this part chapter by chapter. Chapter 12 would be of special use for anyone dealing with IPv4 and IPv6 implementations simultaneously. The authors provide an example of an IPv4 client working with an IPv6 server and vice versa. Click here for the complete info.

Verio Launches Commercial North American IPv6 Gateway Services

Date: Wednesday, December 10 @ 10:55:54
Topic: IPv6 News

Verio, a subsidiary of NTT Communications (NTT Com) and a leader in global IP solutions, today announced availability of the first ever large-scale Internet Protocol version 6 (IPv6) commercial offering in North America. NTT/VERIO IPv6 Gateway Services, the next generation communication platform for Internet traffic, is available immediately to all customers via Network Services sales channels, including direct sales to users or through the viaVerio Partner Program.
NTT/VERIO IPv6 Gateway Services, delivered over the newly upgraded NTT/VERIO Global IP Network, consists of three different solutions: IPv6 Native Service offers customers a dedicated IPv6 connection, while IPv6 Tunneling Service uses an existing IPv4 connection. The third solution, IPv6 Dual Stack Services, delivers a balance of both native and tunneling services. Verio has seen interest in IPv6 Gateway Services from downstream Internet Service Providers, universities, research institutions, next generation application providers and organizations that focus on wireless technologies.

Click here for the complete press release.

Pentagon to Outline IPv6 Progress

Date: Wednesday, December 10 @ 10:56:26
Topic: IPv6 Task Force SC

John L. Osterholz, the Pentagon's director of architecture and interoperability, will discuss the Department of Defense's (DoD) transition to Internet Protocol Version 6 (Ipv6) this morning during his keynote at the U.S. IPv6 Summit 2003.
According to the Pentagon, IPv6 will integrate elements of the DoD's global information grid, including its sensors, weapons, platforms, information and people. The Pentagon's goal is to complete the transition to IPv6 by fiscal year 2008.

"IPv6 provides operational benefits to the Department of Defense and private enterprise that are not available with the current Internet technology," said Jim Bound, chair of the North American IPv6 Task Force and the IPv6 Forum Technical Directorate.

Click here for the complete press info.

IP Infusion to Demonstrate ZebOS IPv6 Routing Software at US IPv6 Summit 2003

Date: Wednesday, December 10 @ 10:56:55
Topic: IPv6 News

IP Infusion, a leading provider of intelligent network software for enhanced IP services, today announced that it will demonstrate its ZebOS IPv6 routing software as well as present "IPv6 Routing for Servers & Appliances" at the US IPv6 Summit 2003, being held December 8-11, 2003 at the Doubletree Crystal City in Arlington, Virginia. IP Infusion's ZebOS solutions provide sophisticated IPv4/IPv6 routing and switching software that enables vendors to rapidly create robust product offerings for a broad range of core, edge and access devices.
With the continued acceptance of IPv6, networking vendors will be looking to quickly deploy IPv6 solutions. IP Infusion will show how IPv6 packets can be sent over an existing IPv4 infrastructure. Mechanisms such as 6to4 and ISATAP are used to establish tunnels over IPv4 to allow for the communication of IPv6 nodes over an IPv4 network. The demonstration emphasizes the maturity and reliability of IPv6 solutions that can facilitate worldwide conversion from IPv4 to IPv6 networking. The demonstration is realized using IP Infusion's OSPF routing protocols and ISATAP and 6to4 tunneling software along with dual stack and IPv6 routers from a third-party hardware vendor.

Click here for the complete press info.

Fortinet Delivers Dynamic Threat Prevention and IPv6

Date: Wednesday, December 10 @ 10:57:32
Topic: IPv6 News

Fortinet, the only provider of ASIC-powered, network-based antivirus firewall systems for real-time network protection, today announced a dynamic prevention technology aimed at responding in real time to blended threats, along with more than 50 new features and enhancements to the FortiGate(TM) Antivirus Firewall platform, with the release of FortiOS(TM) 2.8, which also includes IPv6 support, virtual systems for high end units, enhanced email filtering for Spam protection and dynamic Web filtering.
The FortiOS firmware IPv6 Support is the first of a 3-phase rollout to support the next generation of Internet technology, especially important for the Asia-Pacific markets because it provides virtually "unlimited" unique addresses and supports ubiquitous Internet connectivity on all types of devices including mobile phones, PDAs and even home appliances.

Click here for the complete press info.

Move to IPv6 will scrap COE

Date: Wednesday, December 10 @ 10:58:13
Topic: IPv6 Task Force SC

The Defense Department was a looming presence today at the IPv6 U.S. Summit in Arlington, Va., a stone's throw from the Pentagon.

"The DOD decision to move to IPv6 is monumental," said Latif Ladid, president of the IPv6 Forum.
In June, DOD CIO John P. Stenbit announced a move to the next-generation Internet Protocol over the next five years. The IT industry and the military services are betting the move will spur development of compatible products and services.

"We are in the early adopter mode now, uncomfortably so," said John Osterholz, DOD director of architecture and interoperability. "DOD wants to encourage a wave of commercial application development and accelerate the availability of firewalls," Osterholz said. "Currently the base is very thin.

Click here for the complete press release.

Pentagon to Progress IPv6

Date: Wednesday, December 10 @ 10:58:55
Topic: IPv6 Task Force SC

Today at the 2003 Summit, John Osterholz will be discussing the Department of Defense's transition to Internet Protocol Version 6 (IPv6). IPv6 will be the future of the Internet. It is designed to overcome IPv4, our current Internet Protocol Version, insufficient number of available IP addresses. Everyone that is connected to the Internet has an "IP Address". This IP address is sort of like a phone number, as it indicates who you are on the Internet. With so many people on the Internet, they're running out of IP addresses. However unlike telephones, they cannot simply add a new area code to make more numbers (IP addresses) available. That's where IPv6 comes in to play.
According to the Pentagon, IPv6 will integrate elements of the DoD's global information grid, including its sensors, weapons, platforms, information and people. The Pentagon's goal is to complete the transition to IPv6 by fiscal year 2008.

Click here for the complete press info.

IPv6 Transition Crucial to Military

Date: Wednesday, December 10 @ 10:59:57
Topic: IPv6 Task Force SC

The terrorist attack on the Pentagon two years ago convinced the military to accelerate its transition to IPv6, the new version of the Internet Protocol (IP) currently being reviewed by standards bodies.
John L. Osterholz, the Pentagon's director of architecture and interoperability, told several hundred attendees at the U.S. IPv6 Summit 2003 that the current version of the Internet's operating system, IPv4, has been in use by the military for almost 30 years and is outdated.

"We are a nation at war and urgency is needed," he said. "Part of our urgency is a bow wave of new technology out there. We could hot-rod IPv4 to look like IPv6 but patches don't really work, not on an integrated package. We'd be just setting ourselves up for failure. The vulnerabilities of IPv4 are known worldwide."

Click here for the complete press info.

Webcast Makes U.S. IPv6 Summit Content Available to All

Date: Wednesday, December 10 @ 11:00:18
Topic: IPv6 Task Force SC

The U Network (TUN), the first cable and fiber network devoted exclusively to university students and the world of academia, announces that the U.S. IPv6 Summit 2003 is webcast live from the Hotel Doubletree Crystal City in Arlington, VA, making presentations and sessions at the summit easily accessible to people all over the world. The live webcast of the U.S. IPv6 Summit 2003 will run Tuesday, December 9th, beginning at 9:00 AM EST, through Thursday, December 11th, and may be watched at http://www.theunetwork.com. The mission of the U.S. IPv6 Summit 2003 is to disseminate knowledge and information about IPv6," said Latif Ladid, President of the IPv6 Forum. "Since attendance and sponsorship are both up by 40% compared to the last Summit in June and the ballroom here at the Doubletree is filled to maximum capacity, we are pleased to work with the U Network to bring the U.S. IPv6 Summit to 'virtual' attendees via the Internet."

Click here for the complete press info.

Verio Unveils Next-Generation Internet Network Services

Date: Wednesday, December 10 @ 11:00:45
Topic: IPv6 News

Verio, a subsidiary of NTT Communications, today announced availability of what it describes as "the first ever large-scale Internet Protocol version 6 (IPv6) commercial offering in North America."
The company began gearing up for the rollout in June when it announced a pre-commercial IPv6 service through five POPs in the San Francisco, Los Angeles and Washington D.C. areas.

The commercial NTT/Verio IPv6 Gateway Services is available immediately to all customers through direct sales channels or through the viaVerio Partner Program, the company reports.

Click here for the complete press information.

Moonv6 testing to continue

Date: Wednesday, December 10 @ 11:01:20
Topic: IPv6 Task Force SC

The Defense Department and the University of New Hampshire plan a second phase of interoperability tests on the Moonv6 test bed, the nation's largest native IPv6 network.
Initial 10-day testing in October demonstrated IPv6 linkage of academic and military sites from New Hampshire to San Diego. Time was short, and there was a dearth of applications written for the new Internet Protocol.

"We had a limited number of vendor implementations to work with," said Ben Schultz, managing engineer of the University of New Hampshire's interoperability laboratory. Opportunities to test security also were limited, he said.

Click here for the complete info.

China's Biggest IPv6 Initiative is Launched

Date: Wednesday, December 10 @ 11:01:59
Topic: IPv6 Task Force SC

Today the largest IPv6 network initiative in China, China Next Generation Internet (CNGI) project, was announced during "China NGN Migration and Development Strategy Seminar" hosted by BII Group.
CNGI project, leaded by China's State Council and jointly with Ministry of Information Industry(MII), Ministry of Science and Technology (MOST), Chinese Academy of Engineering(CAE), State Development Planning Commission(SDPC), etc, was initiated and approved by China's State Council in 2003. It means high official recognition of IPv6.

Under the guidance of government, five key carriers including China Telecom, China Unicom, China Netcom/ CSTNET, China Mobile, China RailCom and CERNET(China Education and Research Network) will join CNGI project and build their own national IPv6 backbone independently and connect with each other by at least 2 IPv6 IX. By 2005, the scale of CNGI network will reach 39 GigaPOPs and more than 300 CPNs (Customer Premise Network) and realize nationwide coverage. Based on this infrastructure, related institutes and carriers will develop IPv6 key technologies, applications and commercial test. Before 2005, total fund from government will be 1.4 Billion RMB.

Undoubtedly CNGI has become the one of the new engine of China telecommunication industry. It's an excellent opportunity for China to catch up western developed countries with new internet protocol -- IPv6. With the deployment of CNGI project, Chinese carriers and global IPv6 equipment vendors are facing new round of fast growth and aggressive deployment of IPv6 network. It is expected that China will have one of the biggest IPv6 network in the world by the end of 2005 and China will be the one of the leading IPv6 country.

To keep consistent with implementation of CNGI and promote IPv6 in China, China IPv6 Summit 2004 will be held from April 12 to 14, 2004 in Beijing.

First test of IPv6 network goes well

Date: Wednesday, December 10 @ 11:02:24
Topic: IPv6 Task Force SC

An early test of a multisite, next-generation Internet, powered by IPv6 (Internet Protocol Version 6) went well, and the coalition of groups working on the so-called Moonv6 project will conduct more comprehensive tests starting in February, said two people involved in the project Tuesday.
A white paper detailing the lessons learned from the first phase of the Moonv6 project, a project to test IPv6, should be available on the Moonv6 Web site, within two weeks. However, researchers reported Tuesday that their first two-week test of the network, which connected seven military sites across the U.S., seemed to run without major problems.

Click here for the complete article.

First test of IPv6 network goes well

Date: Friday, December 12 @ 09:01:07
Topic: IPv6 News

An early test of a multi-site, next-generation Internet, powered by IPv6 (Internet Protocol Version 6) went well, and the coalition of groups working on the so-called Moonv6 project will conduct more comprehensive tests starting in February, said two people involved in the project Tuesday.
Simple applications such as FTP and HTTP ran smoothly over the new network and Internet security measures generally worked, said Ben Schultz, managing engineer at the University of New Hampshire Interoperability Laboratory. "We only found small problems and small issues that need to be fixed," he said at the IPv6 Summit in Arlington, Virginia.

Click here for the complete article.

First test of IPv6 network goes well

Date: Friday, December 12 @ 09:07:15
Topic: IPv6 News

An early test of a multisite, next-generation internet, powered by IPv6 (Internet Protocol Version 6) went well, and the coalition of groups working on the so-called Moonv6 project will conduct more comprehensive tests starting in February, said two people involved in the project yesterday.
Among the participants in the two-week phase one test were the US Department of Defense and 11 vendors involved with the Internet2 project. Schultz called the effort to work together on Moonv6 "very impressive."

Click here for the complete article.

Verio strikes early with IPv6 WAN service

Date: Friday, December 12 @ 10:22:03
Topic: IPv6 News

Verio Inc., a subsidiary of Japanese telecom giant Nippon Telephone and Telegraph Corp., on Tuesday announced the availability of its Internet Protocol version six (IPv6) WAN service, the first to be launched in North America.
The service enables businesses to globally transmit both IPv6 and IPv4 traffic. Verio's network runs both types of traffic, and a dual stack of routers then directs the traffic using two routing tables, one for IPv6 and another for IPv4.

"We are ahead of the pack," said Cody Christman, director of product engineering for the Englewood, Colo.-

based service provider. "We are taking a leadership role in rolling out IPv6. Click here for the complete press release.

First test of IPv6 network goes well

Date: Friday, December 12 @ 10:22:24
Topic: IPv6 News

An early test of a multisite, next-generation Internet, powered by IPv6 went well, and the coalition of groups working on the so-called Moonv6 project will conduct more comprehensive tests starting in February, said two people involved in the project Tuesday.
The tests of the Moonv6 network will help vendors as they roll out those products, Schultz said. "It helps them because they can fix these problems before (the products) hit the streets," he said.

Click here for the complete press release.

Military sees network benefits from IPv6

Date: Friday, December 12 @ 10:22:39
Topic: IPv6 Task Force SC

The next generation of Internet standards will help the Defense Department reach its goal of network centricity, a DOD official said today.
When DOD announced in June that it will convert all of its systems, networks and applications to IP version 6 (IPv6) by 2008, commercial companies foresaw potentially billions of dollars in upgrades. But at today's IPv6 summit in Arlington, Va., several industry executives admitted to not fully understanding the urgency behind DOD's decision.

Click here for the complete press info.

First test of IPv6 network goes well

Date: Friday, December 12 @ 10:22:52
Topic: IPv6 News

An early test of a multisite, next-generation Internet, powered by IPv6 (Internet Protocol Version 6) went well, and the coalition of groups working on the so-called Moonv6 project will conduct more comprehensive tests starting in February, said two people involved in the project Tuesday.
Asked by an audience member at the IPv6 Summit whether the Moonv6 team was able to test the network's performance, Schultz said it would be difficult. "It's really hard to design a good performance test that would be applicable to the real world," he said in an interview later.

Click here for the complete press info.

IPv6 will need security, too, experts warn

Date: Friday, December 12 @ 10:23:07
Topic: IPv6 News

Security has been one of the selling points for the new Internet protocol, but IPv6 is not inherently secure, say those planning its implementation.
"The biggest challenge we have of the next decade or so is security," Latif Ladid, president of the IPv6 Forum, said today at the U.S. IPv6 Summit in Arlington, Va.

Click here for the complete article.

Spirent Communications to Speak at U.S. IPv6 Summit 2003

Date: Friday, December 12 @ 10:23:19
Topic: IPv6 News

Spirent Communications, a worldwide provider of integrated performance analysis and service assurance systems for next-generation network technologies. Spirent's solutions enable the development and deployment of next-generation networking technology by emulating real-world conditions in the lab and assuring end-to-end performance of large-scale networks.
Click here for the info about the talk.

SIP Gets SIMPLE

Date: Friday, December 12 @ 10:23:45
Topic: IPv6 News

Last week a group of devoted SIP engineers from as far away as Japan, Israel, and Finland traveled to the frozen north of Canada to thrash out some apparently very important extensions to SIP (Session Initiation Protocol).
Enterprise IM users will increase from about 5 percent to 70 percent of the total population of users over this period, Forrester claims. And this is where SIMPLE comes in. There needs to be more work on presence security and compatibility with IPv6, according to people familiar with the technology. SIMPLE is an extension of the SIP protocol that aims to enable the secure use of presence and availability information.

Click here for the complete info.

New Internet (IPv6) Workshop at WSIS slides

Date: Friday, December 12 @ 10:25:20
Topic: IPv6 Task Force SC

The slides of the New Internet (IPv6) Workshop at World Summit of the Information Society (WSIS), held in Geneva on 9th December 2004, are now available.
The slides are posted on the EU IPv6 Task Force web site.

SIP Test Advances Presence

Date: Saturday, December 13 @ 11:32:15
Topic: IPv6 News

The SIP Forum announces that the recent SIMPLEt interoperability event, an industry effort to advance the use of presence information in Session Initiation Protocol (SIP) communication services, tested innovative new business and consumer applications based on presence, as well as important work on presence security and compatibility with IPv6.
An important aspect of the session was testing that the implementations could run on IPv6 networks. IPv6 is an advancement to the Internet that has been widely adopted by Asian IP service providers and in mobile networks. There were also presence applications for business based on open-source software, including GAIM, an open-source messenger client.

Click here for the complete press info.

Freebit Partners With Iwatsu to Support IPv6 IP Centrex Service in Japan

Date: Saturday, December 13 @ 11:32:53
Topic: IPv6 News

Iwatsu Electric Co., Ltd., an industry leader in SIP technology and parent company of Iwatsu America, recently announced a technical collaboration with FreeBit Co., Ltd. of Japan, to develop station hardware to operate with FreeBit's "Office One IP Business Phone" hosted PBX. The "IP SIP Centrex" service will be launched in December 2003, primarily targeting business users.
FreeBit's service will be the first in the world to offer IP Centrex using SIP-based IP version 6 (IPv6) capability. FreeBit has tapped into Iwatsu and Softfront for technical alliance to develop the SIP servers supported by "Next-Gen" technology. Iwatsu develops and supplies SIP key telephones to work with the server. IPv6 IP Centrex has been made possible by FreeBit's own technology to combine its IPv6 systems with the existing IPv4-based IP network.

Click here for the complete press release.

IPv6 Products and Services: Enabling Consumer Electronics with Next Gen Internet

Date: Saturday, December 13 @ 11:33:28
Topic: IPv6 Task Force SC

The IPv6 Forum, the North American and the European IPv6 Task Forces have jointly organized five panels of IPv6 experts to cover the breadth, depth, and opportunities of integrating v6 into billions of devices in the very near future, as part of the next Consumer Electronics Show (CES), the world's largest annual tradeshow for Consumer Technology.
The event will take place on January 9, at Las Vegas, with attendance of more than 117.000 participants from over 110 countries.

Click here for the complete information.

IPv6 fears seen unfounded

Date: Monday, December 15 @ 23:52:06
Topic: IPv6 Task Force SC

Early adopters of IPv6 say deployment of this upgrade to the Internet's main communications protocol is significantly easier than expected and costs less than anticipated.
These findings run counter to longstanding conventional wisdom from the Internet engineering community, which for years has warned ISPs and corporate network managers about the need to prepare for a time-consuming and expensive upgrade to IPv6.

IPv6 is less complex than we thought, and it doesn't take as many resources as we thought,'' says Jim Bound, chairman of the North American IPv6 Task Force and an HP fellow. Bound has been involved in IPv6 development and transition issues for nearly a decade.

Click here for the complete article.

Pentagon to Outline IPv6 Progress

Date: Monday, December 15 @ 23:52:23
Topic: IPv6 Task Force SC

John L. Osterholz, the Pentagon's director of architecture and interoperability, will discuss the Department of Defense's (DoD) transition to Internet Protocol Version 6 (IPv6) this morning during his keynote at the U.S. IPv6 Summit 2003.
According to the Pentagon, IPv6 will integrate elements of the DoD's global information grid, including its sensors, weapons, platforms, information and people. The Pentagon's goal is to complete the transition to IPv6 by fiscal year 2008.

Click here for the complete info.

For IPv6 shift, DOD will scrap some of COE

Date: Monday, December 15 @ 23:52:43
Topic: IPv6 News

To fulfill its plans to shift to IP Version 6, the Defense Department must drop at least one element of its long-standing Common Operating Environment.
"We're going to do away with the Common Operating Environment" that specifies Windows 2000, said John Osterholz, DOD director of architecture and interoperability.

Click here for the complete press info.

Online extra: 12 more issues facing government technology

Date: Monday, December 15 @ 23:53:04
Topic: IPv6 News

GCN's Dec. 15 issue highlighted what the next year will hold for several major federal IT issues in its special report, Outlook 2004. Here are a dozen other issues that will affect government systems.
… 8. IP Version 6.0. The Defense Department will test the next generation of the Internet on two major networks next year: the Defense Research and Engineering Network and Defense Information Systems Network-Leading Edge Services. DOD officials chose the networks as IPv6 test beds because they have many users, are centrally managed and can be isolated from other DOD networks.

Click here for the complete document.

Forum sets a timeline for Internet's next generation

Date: Monday, December 15 @ 23:53:42
Topic: IPv6 Task Force SC

U.S. enterprises need to begin planning now for the switch to the newest version of the Internet Protocols so that they will be able to take advantage of the applications expected to be available for IPv6 at the end of the decade, developers of the new protocols said.
"Products exist today for you to begin the deployment," said Jim Bound, Hewlett-Packard Co. fellow and chairman of the North American IPv6 Task Force. "I don't think there is a platform today that doesn't support IPv6."

Click here for the complete press info.