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MYNIC與加強公眾對域名系統意識

MYNIC aims to increase knowledge pool on domain name system (DNS)

SERI KEMBANGAN, 12th July, 2007 -- MYNIC, the .my domain administrator has today announced that it will be conducting a series of training workshops called .myTraining Workshop Series 2007, on domain name system's (DNS) latest technologies in August this year.

.myTraining Workshop Series 2007 is aimed at increasing the knowledge pool on DNS by providing the academia, researchers, practitioners in IT community as well as the general public real life, practical approaches on the latest technologies used to enable easy, fast accessibility and management of domain names.

The .myTraining Workshop Series 2007 will also be the platform to share ideas and knowledge on key technologies that will have an impact on how domain name systems will be managed, accessed and deployed in the near future, namely:

a) IPv6 (Internet Protocol version 6) technology

IPv6 is a technology that will resolve and overcome many of the serious limitations of the current Internet Protocol version 4 (IPv4), as it is designed to allow steady growth of the Internet and allow for greater efficiency and security. It also has the ability to expand the address space from 32-bit to 128-bit. IPv6 technology will also be able to generate 340 octillion (340 billion, billion, billion) of available address space. This would mean, even devices such as mobile phones and electrical appliances can have their own IP addresses.

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b) ENUM (Telephone Number Mapping) technology

ENUM is a DNS-based protocol to unify the telephone system with the Internet by using a Dynamic Discovery Delegation System (DDDS) application to resolve telephone numbers into data stored in DNS

c) VoIP (Voice over Internet Protocol) technology

VoIP is a technology that allows telephone calls to be made over computer networks like the Internet.

VoIP converts analog voice signals into digital data packets and supports real-time, two-way transmission of conversations using Internet Protocol (IP). VoIP offers a substantial cost savings over traditional long distance telephone calls.

d) DNS Security Extensions (DNSSEC) technology

DNSSEC technology is the latest technological innovation that protects the DNS from security breaches. When deployed, it helps authenticate data on DNS, provides data integrity and authenticates denial of existence.

“Convergence of emerging technologies is already happening. We must keep pace with these emerging technologies if we do not want to be left behind. The number of knowledge workers in the country need to be elevated at a faster rate if we are to become a knowledge economy and a developed country by the year 2020,” said Puan Shariya Haniz Zulkifli, Director of MYNIC Berhad adding that MYNIC successfully nurtured the country’s first DNS community last year through its .myTraining Workshop Series 2006.

Following last year’s success, MYNIC is enhancing its training initiatives this year. Participants can expect more comprehensive training workshop syllabus, detailed hands-on exercise, exposure to dual stack network environment that support IPv4 & IPv6 as well as getting real life, practical experiences and approaches from trainers who are experts in their respective fields.

“The worlds of IT and telecommunications are getting more and more integrated. These two worlds will one day become one. As such, it is best we start looking at the trends and challenges of integrating and deploying these technologies and address the issues at hand,” added Shariya.

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.myTraining Workshop Series 2007 will be held at the Palace of Golden Horses Hotel from 20th to 30th August, 2007 and has been designed to encompass the skill sets of ISPs (Internet Service Providers), educationists, researchers, country code top level domain name (ccTLD) operators, DNS administrators and providers, systems administrators as well as DNS enthusiasts who are interested in utilizing DNS and its related applications.

The .myTraining Workshop Series 2007 will comprise of:

i) Knowing Your DNS and Impact of IPv6 on DNS (20th – 21st August, 2007)

This workshop aims to enable participants gain sufficient background, skills and expertise to deploy DNSIPv6 in their own organizations. Participants will be given valuable tips and hands-on exercises on techniques and tools to help troubleshoot server configurations, from building primary and secondary name server to populating DNS server with AAAA records to configuring it to perform lookups to debugging a zone file. They will also get to partake in the .myDNSIPv6 test-bed and review the results instantly.

ii) Revelation of ENUM and VoIP in Next Generation Network (NGN) (23rd – 25th August, 2007)

Apart from providing participants updates and latest trends on ENUM and VoIP technologies, trainers will also guide them on how to install and configure Asterisk, one of the most popular and fully featured open source PBXs available. Hands-on development of applications running on the infrastructure of an integrated telephony and Internet system will also be given. These applications include database integration, interactive voice response (IVR) applications, billing systems, queuing / helpdesk systems, as well as integration with external applications.

iii) DNS Security (DNSSEC) At Its Best! (28th – 30th August, 2007)

At this workshop participants will get to build their DNS in such a way that it is trusted by end users, one that gives them the assurance of getting the correct authenticity and integrity of the data it provides. As such, this workshop intends to enlighten the participants on the various features of the DNSSEC as well as its related configuration and troubleshooting tools. Trainers will be providing hands-on real life, practical approaches at this workshop.

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“There have been many key developments in DNS technology and it is important for Malaysians to keep themselves updated. This is what these workshops are all about, to help keep our technical community well informed with the current trends and technologies, so that, in turn, can assess the impact it might have on their businesses and operations. I believe those who participate will benefit greatly from these workshops,” Shariya affirmed.

Each workshop is limited to only 30 participants, thus registration will be on a first-come-first-served basis. Interested parties can register online at www.mynic.net.my/training/AUG07/.

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