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Title : MYNIC invites public to participate in .my domain name system test-bed on IPv6 technology (Page 1/2)

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### **MYNIC展開IPv6公測**

## **MYNIC invites public to participate in .my domain name system test-bed on IPv6 technology**

SERI KEMBANGAN, 17th July, 2007 -- MYNIC, the .my domain administrator has today announced that it will be conducting trials of .my domain name system (DNS) on the Internet Protocol version 6 (IPv6) technology and is inviting the public to participate in its test-bed starting from 17th July to 30th August, 2007.

The .myDNSIPv6 test-bed is to enable Malaysians to begin familiarising themselves with the DNS on IPv6 technology.

“Our plan to offer the DNS IPv6 services to the public is part of the government’s ambitions to become an IPv6-enabled country by the year 2010. Thus, it is our pleasure to announce that MYNIC is on track and is currently in the process of becoming one of the pioneer government agencies to be IPv6 compliant,” said Pn. Shariya Haniz Zulkifli, Director of MYNIC Berhad.

As the Internet becomes more pervasive, the DNS, being the core feature of the Internet, is facing increasing pressure to support additional domain name resources for IPv6 (AAAA), the next generation Internet protocol, and to have sufficient performance for robust operation even under denial of service attacks.

The current IPv4 technology is expected to expire and exhausted of IP addresses within the next five to 10 years as noted by the Asia-Pacific Network Information Centre (APNIC) and thus, will be unable to support future growth of Internet-related appliances, applications and services.

“The adoption of IPv6 technology will bring benefits to the registry such as MYNIC as it 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,” explained Shariya.

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Moreover, IPv6 allows stateless auto configuration of hosts, faster routing and better network security layer. With .myDNSIPv6 test-bed, the public and organizations can now conduct testing their name server addresses on IPv6 and record them with MYNIC in IPv4/IPv6 dual-stack environment.

This test-bed is available to the IPv4/IPv6 community with pertinent to MYNIC Berhad terms and conditions. From 17th July to 30th August, this test-bed should be considered experimental and will only be officially launched by the end of this year.

Testers are required to register their particulars for the .myDNSIPv6 test-bed via URL:  
<http://www4.mynic.net.my/intro/> with the following information:

- (a) Domain name
- (b) Organization and contact person information
- (c) Primary and secondary name server information (2 name servers)

\* Hostname

\* IP addresses (IPv4 or IPv6) - at least one of the test name servers must be IPv6 compliant where primary and secondary name servers must be active and responsive.

During the .myDNSIPv6 testing period, testers can liaise with MYNIC's personnel, Pn. Norsuzana Harun and Encik Zaiwari Mohamad Zam from the Technology and Innovation (TNI) Unit at telephone no. 03-89434771 or e-mail [tni@mynic.net.my](mailto:tni@mynic.net.my).

“.my DNSIPv6 test-bed will be an opportunity for all companies and organizations in Malaysia to be a part of the IPv6 evolution. This next-generation protocol is predicted to coexist and eventually replace today's current IP standard, IPv4. In other words, the test-bed will provide rich applied research environment to all communities be it for the consumers, academics, businesses, organizations or government agencies. Having a strong combination of these communities in the Internet will help ensure positive growth of DNS IPv6 in Malaysia,” concludes Shariya.

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