Internet Identity For All

Updates on .my
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Senior Manager, Operations
Operations Division

APTLD Meeting @Melbourne
1st – 2nd December 2011
1. About .my DOMAIN REGISTRY
2. Facts About Malaysia
3. Domain Name Growth
4. .my DOMAIN REGISTRY Activities
Our Core Services – Malaysia’s Sole Internet Registry For .my

Regulated by Malaysian Communication and Multimedia Commission (MCMC)

Agency under Ministry of Science, Technology and Innovation (MOSTI)

.my DOMAIN REGISTRY
(legal entity of Mynic Berhad with Company Registration No: 735031-H)

The sole administrator for web addresses that end with .my in Malaysia
Facts About Malaysia
### Facts About Malaysia (.my)

Registered Businesses & Companies vs. Internet Users & Online Presence

<table>
<thead>
<tr>
<th>Registered Businesses and Companies</th>
<th>Internet Users</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>4,362,124</strong> registered businesses as of Dec 2010</td>
<td><strong>16,902,600</strong> Internet users as of June, 2009, 64.6% of the population</td>
</tr>
<tr>
<td><strong>927,045</strong> registered companies as of Dec 2010</td>
<td>Source: <a href="http://www.internetworldstats.com/asia/my.htm">http://www.internetworldstats.com/asia/my.htm</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Online Presence</th>
<th>Comparison !!!</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>132,237</strong> domain names (online presence) registered as of 28 Nov 2011</td>
<td>Registered Businesses : <strong>4,362,124</strong></td>
</tr>
<tr>
<td></td>
<td>Registered Companies : <strong>927,045</strong></td>
</tr>
<tr>
<td></td>
<td>Internet Users : <strong>16,906,600</strong></td>
</tr>
<tr>
<td></td>
<td>..my Online Presence : <strong>132,237</strong></td>
</tr>
</tbody>
</table>


Domain Name Growth
Yearly .my Domain Name Growth

Number of Domain Name as of 28 Nov 2011

Yearly domain name growth in average is 23.6%
Total number of .my domain name as of 28 Nov 2011 – 132,237
Monthly New Domain Name Registration

Number of New Domain Names as of 31st October 2011

Average no. of new domain name registration per month – 3643 domains
Monthly Renewal Domain Name

Number of Renewal Domain Names as of 31st Oct 2011

Average no. of domain name renewal per month – 7189 domains
# IPv6 and DNSSEC Enabled Domain Names

As of Nov 2011

**Number of Domain Names with IPv6 DNS:**

<table>
<thead>
<tr>
<th>Month*</th>
<th>.my</th>
<th>.com.my</th>
<th>.net.my</th>
<th>.org.my</th>
<th>.gov.my</th>
<th>.edu.my</th>
<th>.mil.my</th>
<th>.name.my</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov</td>
<td>640</td>
<td>1,132</td>
<td>60</td>
<td>52</td>
<td>249</td>
<td>17</td>
<td>1</td>
<td>5</td>
<td>2,156</td>
</tr>
</tbody>
</table>

**Number of Domain Names with DNSSEC:**

<table>
<thead>
<tr>
<th>Month*</th>
<th>.my</th>
<th>.com.my</th>
<th>.net.my</th>
<th>.org.my</th>
<th>.gov.my</th>
<th>.edu.my</th>
<th>.mil.my</th>
<th>.name.my</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nov</td>
<td>5</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>8</td>
</tr>
</tbody>
</table>
.my DOMAIN REGISTRY ACTIVITIES
Some of the activities…

Joint Collaboration Projects

IDN (2LD & TLD)

ISMS

DNSSEC & IPv6 Training
Joint Collaboration Projects:

1. Get Malaysian Business Online (GMBO)
2. 1MYID
Joint Collaboration Projects(1)

1. Google, Ministry of Information Communications and Culture, Malaysian Communications and Multimedia Commission (MCMC), .my DOMAIN REGISTRY and iTrain have joined forces to create Get Malaysian Business Online

2. Mission: To help Malaysian businesses benefit from the opportunities of the Internet, we are dedicated to helping businesses succeed online

3. Project duration: 1 year with 50,000 .my domain names registration

http://www.getmybusinessonline.com.my/about
Joint Collaboration Projects

4. On 10 November 2011, the Prime Minister of Malaysia unveils 13 projects under the Economic Transformation Programme (ETP). GMBO is one of the 13 projects (http://etp.pemandu.gov.my/Progress_Update-@-10_Nov_2011.aspx)

5. What are GMBO offering:
   • Free easy to update, customized website
   • Free .com.my web address for first 10,000 participants
   • Only RM23 for participants thereafter
   • On going tips and education
   • AdWords RM200 trial with expert phone support
Joint Collaboration Projects (2)

1. 1MYID is a nationwide collaboration project between .my DOMAIN REGISTRY, Malaysia Youth Council (http://belia.org.my) and .my DOMAIN REGISTRY Reseller - Edorey Technologies

2. 1MYID project provides a unique online presence to youth in Malaysia through:
   • ownership of .my domain name
   • packaged together with web hosting, personalized email accounts and internet course

3. Project duration: 1 year with 1,000,000 .my domain names registration

http://www.1myid.my
IDN (2LD & TLD)
## IDN 2LD Milestone

<table>
<thead>
<tr>
<th>IDN 2011</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 IDN (Jawi) Launching</td>
<td>24 Jan – 30 April 2011 Phase 1: Open to Government and Agencies</td>
<td>1 June – 31 Aug 2011 Phase 2: Open to existing .my customers</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2 IDN (Jawi, Chinese, Tamil) Launching</td>
<td></td>
<td></td>
<td>20 Sept – 30 Nov 2011 Phase 3: Open to existing .my customers</td>
<td>1 Dec 2011 Phase 4: Open to public</td>
</tr>
</tbody>
</table>
Total IDN 2LD Registration
Jan – 29 Nov 2011

Total 2LD IDN: 1185

- Tamil: 46
- Jawi: 288
- Chinese: 851
Registration for IDN Jawi, Chinese & Tamil Is Now Open To Public!

Thursday, 24 November 2011

Dear Valued Customers,

Good news everyone! Effective [1 December 2011], registration for IDN Jawi, Chinese and Tamil will be opened to Public. No registration fees will be charged for the first year.

So what are you waiting for? Grab your preferred domain names before it’s too late.


Please do not hesitate to e-mail domreg@domainregistry.my or call us at 03-8981 7272 for any enquiries.
## IDN TLD Milestone

<table>
<thead>
<tr>
<th>IDN Fast Track</th>
<th>Q1</th>
<th>Q2</th>
<th>Q3</th>
<th>Q4</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>3</strong> IDN TLD Fast Track (Jawi)</td>
<td>Preparation of Submission IDN Fast Track (Jawi)</td>
<td><strong>7 July 2011</strong>: Submission of IDN ccTLD Fast Track request to ICANN <strong>20 Oct 2011</strong>: IDN ccTLD Fast Track String Evaluation process completed and successful</td>
<td><strong>Nov 2011 onwards</strong>: Delegation of IDN ccTLD is still in progress</td>
<td></td>
</tr>
<tr>
<td><strong>4</strong> IDN TLD (Jawi)</td>
<td>Launching of IDN TLD (Jawi)</td>
<td>2012 - Phase 1 Open to Government and Agencies</td>
<td>2012 - Phase 2 Open to existing .my users</td>
<td>2012 - Phase 3: Open to public</td>
</tr>
</tbody>
</table>
1. IPv6 & DNSSEC Training
2. DNSSEC Training
IPv6 and DNSSEC Training

Background

1. Workshop on the Adoption of IPv6 and DNSSEC in Domain Name System (DNS)

2. Coordinating Country: Japan (ASEAN-Japan ICT Cooperation Fund)

3. Implementing Agency: .my DOMAIN REGISTRY

4. Duration: 3 days (29 June – 1 July 2011)

5. Venue: Putra World Trade Centre (PWTC), Kuala Lumpur, Malaysia
Objectives and Deliverables

1. This training/workshop was designed to help in boosting online presence and fostering the adoption of IPv6 and DNSSEC technologies in Malaysia and ASEAN.

2. Overall knowledge on how DNS works, installation of DNS software, applying IPv6 technologies and signing the zone with DNSSEC.

3. Trained 50 participants. 14 of them were from the ASEAN countries:
   - Thailand – 5
   - Philippines - 1
   - Brunei - 2
   - Malaysia – 2
   - Vietnam – 2
   - Lao PDR - 2
### Feedback (survey)

<table>
<thead>
<tr>
<th>Percentage</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>56.52%</td>
<td>56.52% of participants are ready to provide IPv6 support to their client.</td>
</tr>
<tr>
<td>71.74%</td>
<td>71.74% of participants had an intention to implement DNSSEC in their organisation.</td>
</tr>
<tr>
<td>86.96%</td>
<td>86.96% of participants felt that the training is worth to be attended.</td>
</tr>
</tbody>
</table>
DNSSEC Training

Background

1. Organized by Malaysian Communications and Multimedia Commission (MCMC) in conjunction with APECTEL 44 (The 44th Asia-Pacific Economic Cooperation Telecommunications and Information Working Group)

2. Training conducted by .my DOMAIN REGISTRY staffs

3. Duration: 2 days (20th – 21st September 2011)
Objectives

1. To explore the current security issues involved in Domain Name Service (DNS) and raise the awareness of importance of DNS security

2. Providing APEC (Asia-Pacific Economic Cooperation) member economies with basic knowledge of DNSSEC and education on the needed requirement to implement and promoting DNSSEC at Country Code Top Level Domain (ccTLD)
Participants

1. Total number of participants for the training was 28 pax

2. Although the training was meant to all APEC member economies, only Thailand sent 4 participants

3. The training was open to local participants when no further APEC member economies participant sign up

4. Total of 24 local participants from ISPs, Web Hosting companies and students/researchers attended the training
## DNSSEC Training

### Feedback

<table>
<thead>
<tr>
<th>Questions</th>
<th>Feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>The level of DNSSEC Training</td>
<td>All participants comment that the level of the training is right for their knowledge/skills level</td>
</tr>
</tbody>
</table>
| Material: relevance and coverage of topics and the Exercises / Hands-on provided | 50% - Think materials are very good  
50% - Think materials are good for their reference. |
| Speaker/Instructor:                                                       | Most agreed that the instructor was good and helpful. |
| • Skill/technical knowledge and professionalism                           |                                                                          |
| • Responsive to queries                                                  |                                                                          |
| • Present topic in an interesting manner                                 |                                                                          |
### Feedback (continue)

<table>
<thead>
<tr>
<th>Questions</th>
<th>Feedback</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop duration</td>
<td>90% - thinks that the duration was just nice</td>
</tr>
<tr>
<td></td>
<td>10% - thinks that it was too short.</td>
</tr>
<tr>
<td>Do you intend to deploy DNSSEC in your organization?</td>
<td>80% answered “Yes”</td>
</tr>
<tr>
<td></td>
<td>20% answered “Uncertain &amp; need further study”.</td>
</tr>
<tr>
<td>When do you think you will sign your zone?</td>
<td>67% - indicate “Less than 1 year”</td>
</tr>
<tr>
<td></td>
<td>33% - indicate “More than 1 year”</td>
</tr>
</tbody>
</table>
Towards ISMS

1. .my DOMAIN REGISTRY is currently going for ISO 27001:2005 Information Security Management Systems (ISMS)

2. This project is part of 10th Malaysia Plan initiatives

3. The ISMS certification is also to fulfil the requirement of Critical National Information Infrastructure (CNII)

4. The work towards achieving ISMS certification has started on 6 June 2011 and to be completed by 2012

5. The ISMS scope will cover all divisions, departments, units and data centres of .my DOMAIN REGISTRY
Towards ISMS

Completed task and current status of ISMS project

Completed task

- ISMS Awareness activities involving training, workshop, screen savers and notices
- Gap analysis and risk treatment
- Internal audit training to internal audit team
- Business impact analysis of .my
- Preparation of ISMS mandatory policies
- Implementation of ISMS policies to all personnel of .my.
- Policy cascade to all personnel of .my by process owners

Current status

- Preparation of procedures and guidelines to comply with ISMS Mandatory Policies
Towards ISMS

2012 ISMS timeline

- Internal audit in Jan 2012
- Certification stage 1 audit (documentation completeness) in Feb 2012
- Certification stage 2 audit (implementation of ISMS) in March 2012

Looking ahead

- Continuous improvement for .my
- Forth coming project would be the implementation of best practices of:
  - ISO 31000:2009 Risk Management
  - ISO 20000:2011 Service Management System
  - ISO 9001:2008 Quality Management System
THANK YOU  
TERIMA KASIH

www.domainregistry.my
http://rnd.domainregistry.my/idn
http://idn.domainregistry.my
Email: idn@domainregistry.my