30 Years .TH

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THAILAND

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30 Years

Data Source: THNIC, NBTC, NSO
Updated Date: 31/03/2019
Thailand Internet User

# 2018 Thailand Internet User

45,189,944

67% of Thailand Populations

Data Source: https://www.etda.or.th/publishing-detail/thailand-internet-user-profile-2018.html
Updated Date: 25/02/2019
Thailand Internet User Behavior 2018

Social Media: 93.6%
Email: 74.2%
Searching: 70.8%
VDO Streaming: 60.7%
Shopping: 51.3%
Text: 50.6%
Payment: 49.2%
Reading: 48.3%

Data Source: https://www.etda.or.th/publishing-detail/thailand-internet-user-profile-2018.html
Updated Date: 25/02/2019
Data Source: http://all.in.th/
Updated Date: 31/03/2019

2,230 for 1988-98
.TH vs Thai Internet

• 1988 - 1991 ACSNet ait.th, chula.th srirang.th

• 1992 - 1994 TCP/IP and commercial Internet

• 1995 - 1998 Who should run .th?
To DO List

- Capacity building
- Ecosystem
  - Multistakeholders
  - Communities - tech, users, ISPs, CIRT
- Infrastructure
.TH vs Thai Internet

• 1998 - 2003  ICANN and regional organizations APTLD, THNIC co.


• 2012 - 2013  .Thai vs ไทย

• 2013  25th Anniversary of .TH

• THNG Camp  http://www.thng.in.th  => Community Wireless Network —> Net2Home

• BKNIX  https://bknix.co.th/en/
.TH in 2019

Total Number of .th Domain Registrations

70,952

Data Source: http://all.in.th/
Updated Date: 31/03/2019
.ไทย in 2019

ศึกษา.ไทย
ธุรกิจ.ไทย
รัฐบาล.ไทย
.ไทย
ทหาร.ไทย
.ทหาร
.เน็ต.ไทย
.องค์กร.ไทย

Total Number of .ไทย Domain Registrations
18,646

Data Source : http://all.in.th/
Updated Date : 31/03/2019
TLD Market Share in Thailand

<table>
<thead>
<tr>
<th>TLD</th>
<th>Total Domain</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>.th</td>
<td>70,287</td>
<td>8%</td>
</tr>
<tr>
<td>Legacy gTLD</td>
<td>788,432</td>
<td>89%</td>
</tr>
<tr>
<td>New gTLD</td>
<td>26,738</td>
<td>3%</td>
</tr>
</tbody>
</table>

Data Source: https://www.aptdl.org/documents/StatisticalReports/
Updated Date: 31/01/2019
Top 5 Growth in Thailand

1. .com
2. .tech
3. .club
4. .online
5. .th

Data Source: https://www.aptld.org/documents/StatisticalReports/
Updated Date: 31/01/2019
Capacity Building

• Emphasize on developing local competencies and supporting community
  
  • Technical training for local engineers plus other Asian neighbouring countries
  
  • Seminars to raise local awareness
  
  • Learning through participating in activities such as
    
    • Governance: ICANN formation, ccTLD secretariat
    
    • Technical operation and deployment: DNSSEC, IDN/EAI, IPv6
  
  • Achievements: One of the first few IDN and EAI deployment, DNSSEC and backend provider for new gTLD resources
    
    • Generosity from Internet pioneers and friends is boundless!!
Example: DNSSEC Activities

- .th and its 7 SLDs signed as an experimental.
- .th and its 7 SLDs signed as an operational.
- "DNSSEC Workshop" focusing for financial sector during 25th .th anniversary.
- "DNSSEC hands-on workshop" in WUNCA 39

- 2006
- 2009
- 2013
- 2017

- "DNSSEC Hands-on Workshop" by THNIC, intERLab, NSRC and NLnet Labs
- Talk on "Practices on DNS and DNSSEC Management" in WUNCA 38 (Workshop on UniNet Network and Computer Application)

THNIC (.th Registrar) provided a form for submit/update DS record and automatic update for domain holders' convenience.
.th DNSSEC Status

- Srinakharinwirot University (swu.ac.th)
- Chulalongkorn University (chula.ac.th)
- Triamudomsuksa School (triamudom.ac.th)
- Mahidol University (mahidol.ac.th)
- Fuji Restaurant (fji.co.th)
- BKNIX Co., Ltd. (bknix.co.th)
- Remax Thailand (remaxthailand.co.th)
- Social Security Office Thailand (ssso.go.th)
- Ministry of Finance (mof.go.th)
- Avira Thailand (avira.in.th)

Bank
- Bank for Agriculture and Agricultural Cooperatives (baac.or.th)

474 .th Domains signed as of May 9, 2019
Ecosystem & Infrastructure

- Through seminars/training/meetings

- Local Internet Organizations: ISP, Web, R&E network, Ecommerce etc..

- Technical: ThaiCIRT, ThaiNOG

- Government and Regulators

- Involve multistakeholders on domain name policies.
+ other activities.....
Thai on the Net (IDN and EAI)

# IDN
18,646

# Thai Email Account
1,830
Access and Connectivity

**NET HOME**
- # Rural Community: 14
- # Houses: approx 200
- # Internet users: 1000

**bknix**
- # Members: 25
- Peak traffic: 40 Gb/s
Question?

• With such a LOW number of domain names?
How?

• Volunteers
• Non-profit
• Fundraising
SLD Registrations

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of Second-Level Domain Registrations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2014</td>
<td>28</td>
</tr>
<tr>
<td>2015</td>
<td>28</td>
</tr>
<tr>
<td>2016</td>
<td>5</td>
</tr>
<tr>
<td>2017</td>
<td>19</td>
</tr>
<tr>
<td>2018</td>
<td>41</td>
</tr>
</tbody>
</table>

Total Number of Second-Level Domain Registrations: 121

Current Number of Second-Level Domain Registrations: 91
Future Challenges

• Local competencies + community
  • Scaling?
  • Security?

• Will the Internet remains the largest distributed system?
ขอบคุณค่ะ

Thank You