IDN and EAI in Thailand

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THNIC

Outline

- Status of Thai IDN
- Status of Thai EAI
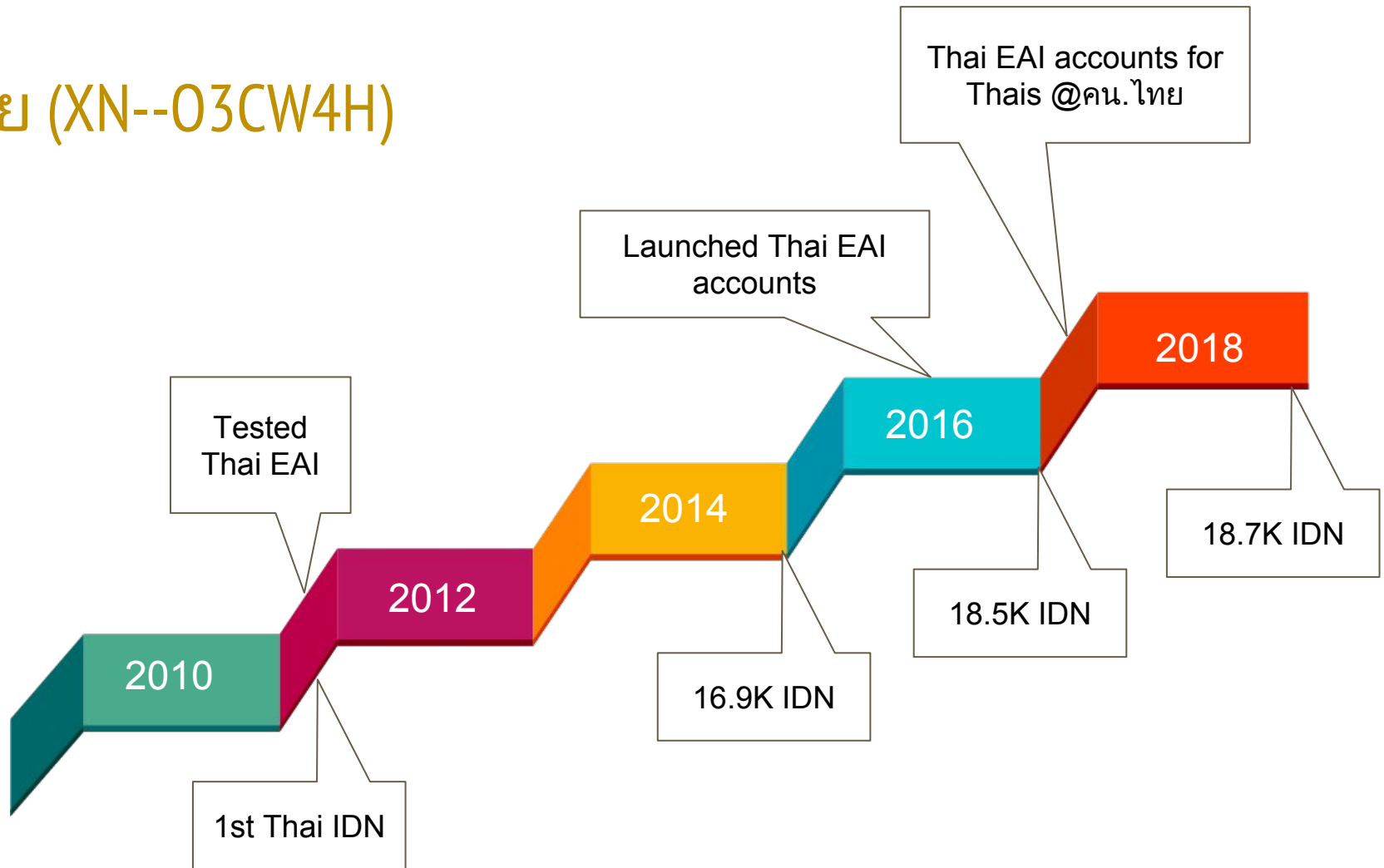- Awareness raising activities
- Our plan

THAI NETWORK INFORMATION CENTER FOUNDATION (THNIC)

- Not-for-profit organization which focuses on promoting and facilitating the development and usage of Internet in Thailand
- The major missions:
  - .TH and .ไทย ccTLD Manager:
  - Support studies, researches and developments on Internet in Thailand
  - Enhance knowledge and understanding on Internet to public

Thai IDN/EAI Timeline

.ไทย (XN--O3CW4H)

Thai EAI accounts for Thais @คน.ไทย

Launched Thai EAI accounts

2018

2016

Tested Thai EAI

2014

18.7K IDN

2012

18.5K IDN
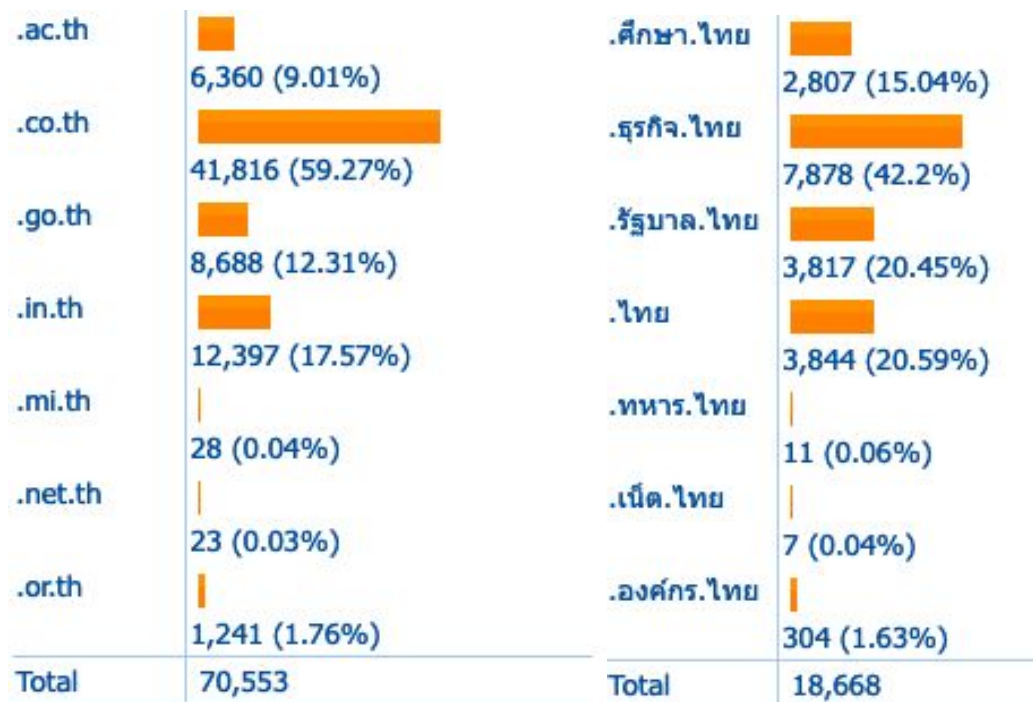
2010

16.9K IDN

1st Thai IDN

Domain Names and Emails

- Domains
  - .th domains: 70 K
  - IDN .ไทย domains: 18.7 K (27%)
- Emails
  - email accounts on UA-Ready server: 3K (by Throughwave)
  - Thai email address: 1.8K

.ac.th	6,360 (9.01%)
.co.th	41,816 (59.27%)
.go.th	8,688 (12.31%)
.in.th	12,397 (17.57%)
.mi.th	28 (0.04%)
.net.th	23 (0.03%)
.or.th	1,241 (1.76%)
Total	70,553

.ศึกษา.ไทย	2,807 (15.04%)
.ธุรกิจ.ไทย	7,878 (42.2%)
.รัฐบาล.ไทย	3,817 (20.45%)
.ไทย	3,844 (20.59%)
.ทหาร.ไทย	11 (0.06%)
.เน็ต.ไทย	7 (0.04%)
.องค์กร.ไทย	304 (1.63%)
Total	18,668

As of February 2019

IDN and EAI Promotions by THNIC

- Free IDN .ไทย domain for new .th domain registrations

- Free IDN .ไทย, web sites and booklets for unseen tourist destination (small districts)

- Free Thai EAI accounts for a pilot groups and new domain registrations

IDN and EAI Awareness Raising Activities

- Public Relations
- Meet CIOs
- Seminars, Workshops

IDN and EAI Awareness Raising Activities

- Translating UASG documents to Thais

- Reserved IDN for government agencies, schools, and hospitals

- UA-ready assignments in our latest THNG camp

  - Install and config an email server and a mail transfer agent
  - Test sending/receiving from/to Thai email address

Direction

- Thai email address as a Digital ID for Thai citizen, corporate, or things in IoT
- Together with an english email address as a global digital ID

Plan

- Evaluate and make sure we are UA-ready

- Plan to have an EAI Hackathon for developers to update related APIs, library, tools to be UA-Ready

Seminars & Workshops

Booths

.ไทย Booklets

Collaborate with intERLab (AIT), to enhance knowledge and understanding on Internet to public

THNG Camp #8

- Internet governance and localization, cyberbullying, GDPR, agile and positive thinking
- Technical knowledges
  - wireless mesh network
  - components in the Internet
  - **Web & database for UA ready**
  - tools to create a website from Facebook page content
  - **setting up an email server to support EAI**
  - setting up DNS server & DNSSEC for IDN domains

THNIC Foundation uploaded a video

THNIC Foundation uploaded and added to D

Video Clip