

.th

Thailand Network Information Center
October 09, 2004

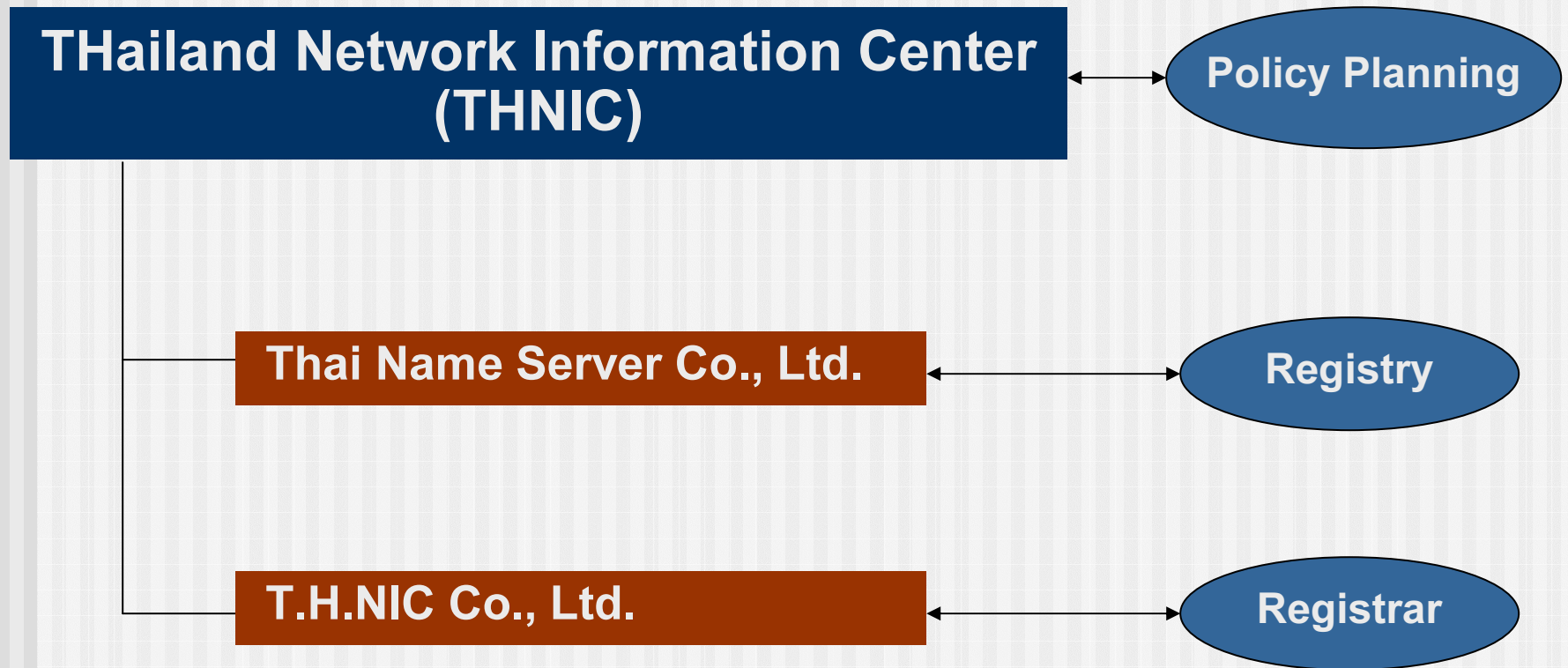
Background

- **.th is deligated to AIT in July 1988**
 - First domain deligated under .th is ait.th, chula.th, psu.th
- **In 1991 .th domain name deligation is done under second-level domains**
 - .ac.th, .co.th, .or.th, .go.th
- **1992 hand on .th administration to Chulalongkorn University.**

THNIC Background

- **1994: Thailand Network Information Center (THNIC) is set up by AIT and Chulalongkorn University to administrate .th domain**
 - 1988-1999: Domain name registration under .th is free of charge
- **In March 1999 T.H.NIC Co., Ltd. is established to handle registration including billing and DNS.**
 - THNIC become a policy planner for .th
- **In May 2002 Thai Name Server Co., Ltd. is established to be registry of .th**
 - T.H.NIC Co., Ltd. become the first registrar for .th

THNIC Structure



Registrar Fee Structure

- **Future plan**
 - Not yet Decide
 - Only one registrar
- **T.H.NIC Co., Ltd. Funding the registry.**
 - 30% of the income go to registry.

Registrant Fee Structure

- **First registration**

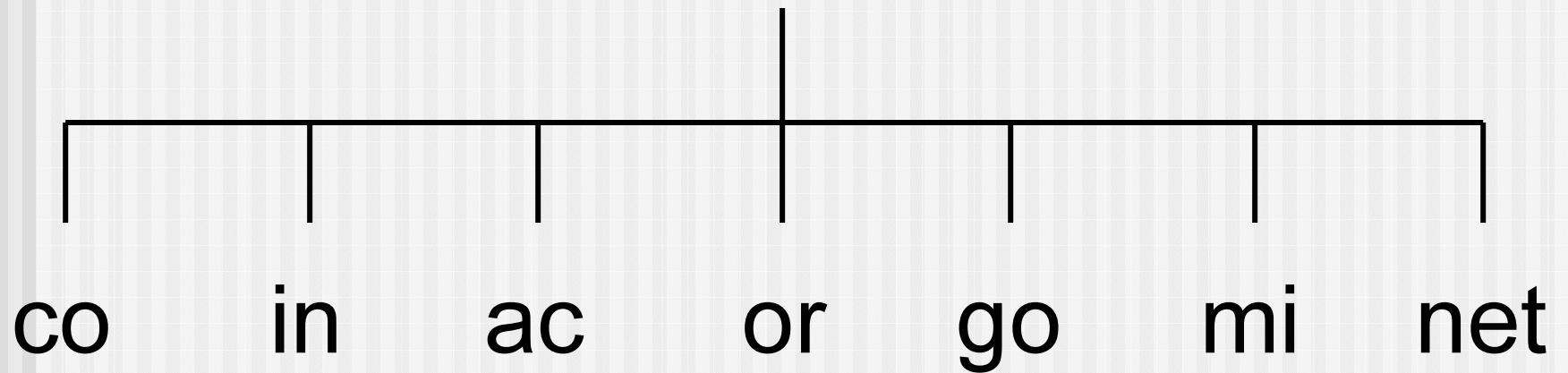
- 1,500 Baht (US \$37) for 2 years

- **Renewal**

- 800 Baht (US \$20) / year

Domain Structure

.th



Second Level Domain (15,959)

- .co.th(12,067) – Commercial uses
- .in.th(1,423) – Less restricted
commercial/individual uses
- .ac.th(1,373) – Academic organization
- .or.th(622) – Non-profit organization
- .go.th(434) – Governmental uses
- .mi.th(14) – Military uses
- .net.th(25) – ISP / sub-ISP

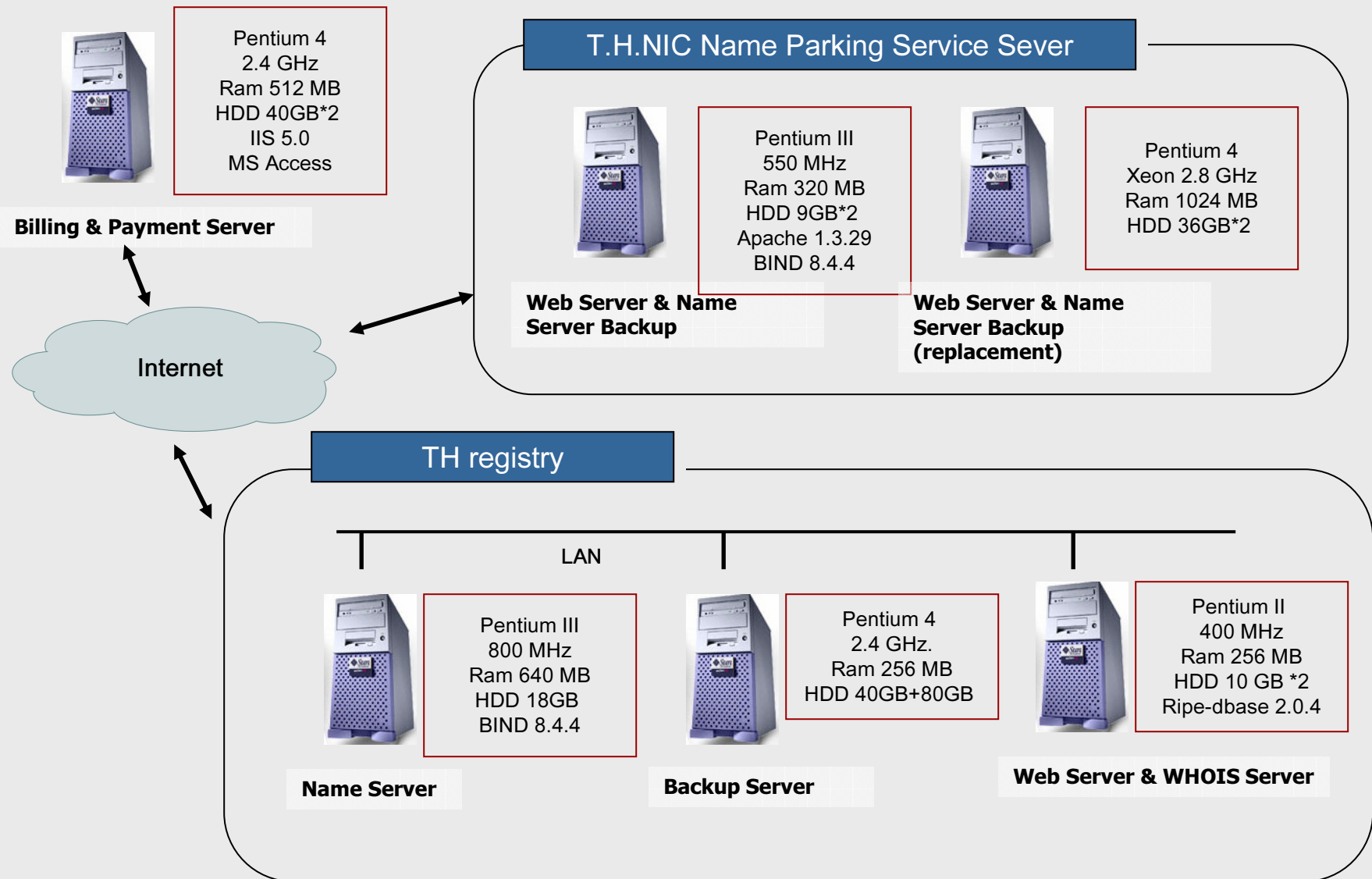
Statistics

- **September 04**
 - Total number of domains 15,959
- **New registration, Sep 04 = 377 domains**
 - Average = 351 / month
- **Renew**
 - average 469 / month

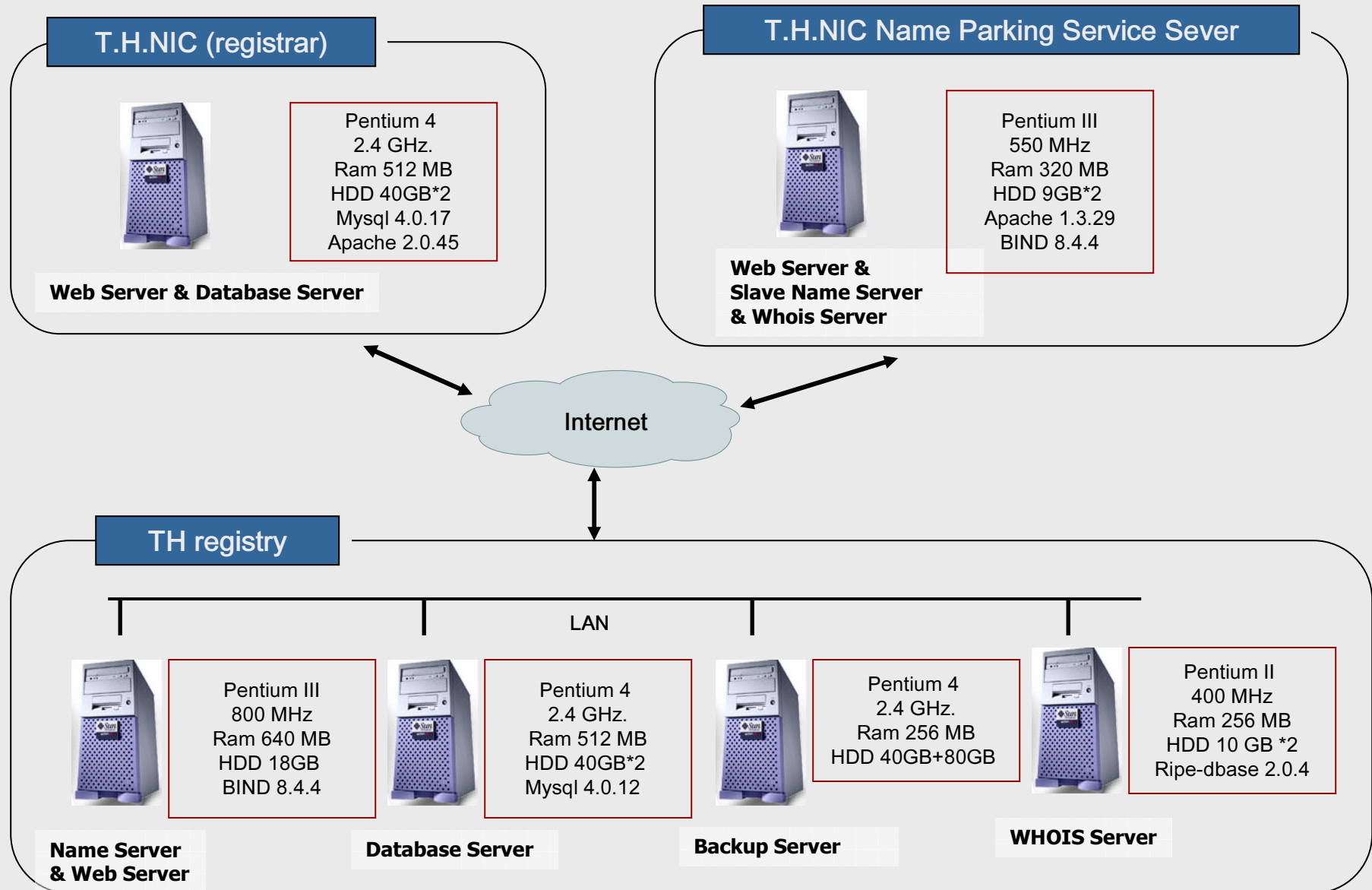
Staff

- **T.H.NIC Co., Ltd. – 13 staff**
- **Thai Name Server Co., Ltd. – 6 staff**

.TH Domain Name Registration System (Old)



.TH Domain Name Registration System (New)



Old System Vs. New System

■ Old System

- Registration process mostly done via E-mail
- Manual edit zone file
- No log. Who, When and What's been modified

■ New System

- Registration process via Web interface.
- Automatic update zone file from DB
- Can include human edited DNS RR into zone file.
- Activities log.

Software

■ OS FreeBSD

- 2.2.7-RELEASE
- 3.5.1-RELEASE
- 4.7-RELEASE
- 4.9-STABLE
- 5.0-RELEASE
- Windows 2000

■ Name Server

- BIND 8.4.4

■ Whois Server

- Ripe-dbase 2.0.4
- Ripe-dbase-3.2.0
(Testing)

• Database Server

- Mysql-max-4.0.12
- Mysql-max-4.0.17
- MS Access

• Web Server

- Apache 1.3.29
- Apache 2.0.45
- IIS 5.0

• Programming Lang.

- Perl 4
- Php 4.3.1
- C/C++

Software (continue)

NSI Registry Registrar Protocol (RRP) TCP 648 November 1998

- RRP version 1.1.0 RFC 2832 May 2000
- RRP version 2.0.0 RFC 3632 November 2003

- THNIC start developing Base on registrar-toolkit-1.1.0a (Network Solutions) TH-RRP September 2001
 - TH-RRP MS SQL Beata December 2001
 - TH-RRP Mysql 1.0.0 Beta March 2002
 - ...
 - TH-RRP 1.0.6 March 2003

Future Plans

- **Multi-Registrar system**

