

DNS/ccTLD Technical Training Workshop

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Laos's Country Code  
Top Level Domain Name

Presented by: The Lao National Internet Committee

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# Internet indicators

<u>Descriptions</u>	<u>Figures</u>	<u>% inhabitants</u>
ISP	8	0.014 per ten thousands
Internet Café	250	0.452 per ten thousands
Internet subscribers	5,400	0.097 per hundreds
Multi Internet users	20,000	0.36 per hundreds
Number of Internet host with dot.LA in Laos (3 <sup>rd</sup> )	<100	0.0018 % per hundreds
Internet fee	0.4\$/hour	
WebPages hosted inside the countries	300	

# Internet legislations

- Telecommunication law
- The regulation on implementation, services and usage of Internet in Lao PDR issued by Prime Minister Office
- The regulation on Internet content provider issued by Ministry of Information and culture
- The regulation on Internet infrastructure issued by Ministry of Communication, Post, Transport and Construction
- The regulation on Internet Technology and it's equipment issued by Science Technology and Environment Agency

# Who in charge of ccTLD.LA

- The Lao National Internet Committee was established in April 2000 in order to act as government secretariat in studying, managing, and controlling the establishment of Internet network, importation of any information and usage of Laos Internet system, including the ccTLD .la

# Structure of LANIC

**PMO**

**LANIC**

## **Administrative Office**

1. Internet monitoring
2. Formulation of necessary policies, plan and regulations

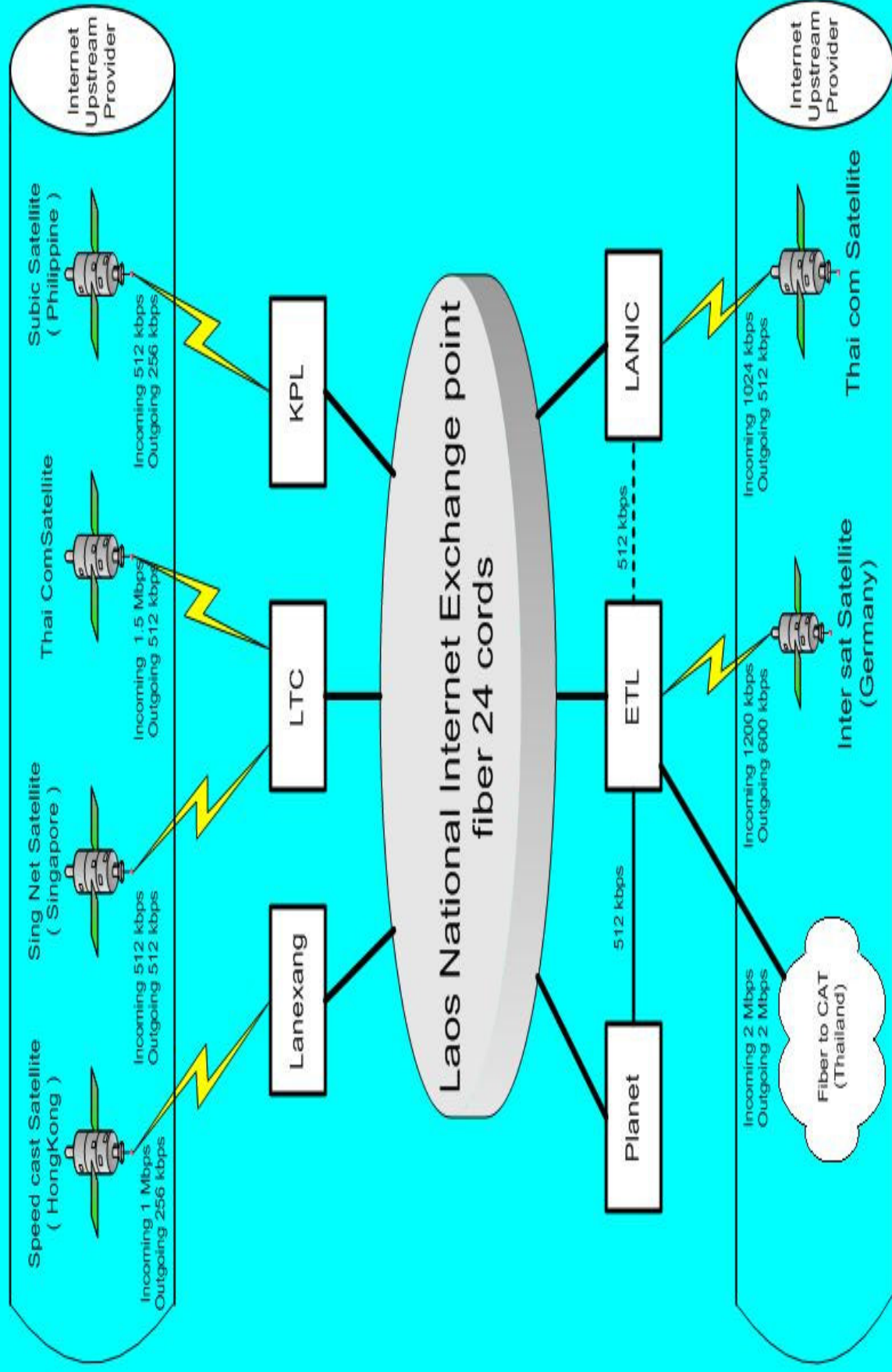
## **Network Operation Center**

1. Operate the National Internet Gateway
2. Operate the National Internet Exchange Points
3. Provide the ccTLD.LA domain name registration

## **Engineering Center**

1. Design the Internet architecture
2. Certify the ISP Internet system and its equipment
3. Provide the supporting service for the Internet Utilization in the government organizations

# Internet Infrastructure



# ccTLD.la background

- In 1996, STEA obtained the ccTLD.la from IANA, which Singnet (Singapore) hosted for Master and Slave server. (No provision of domain name registrations)
- In 2000, LANIC has entered the contract with Sterling pacific, which intended to marketing the dot.la registration to the worldwide market, especially Los Angeles. The Master and Slave has transferred to iDNS co.ltd (Singapore).
- In 2002, LANIC has terminated the contract with SP and which to move the Master to the home country. However over 12,000 already sole in that time, which LANIC cannot continue handled the service as well as the ICANN policies for the re-delegation. And LANIC have entered the new contract with GAA co, Ltd, which the Master & Slave has been transmitted to the CA, USA.

# ccTLD.la registration fees

- For inside country registration:
  - Every commercial domain name registration is cost 10 USD per year.
  - There are free of charge for the government and academic institutes, but very complicate process for approval.
- For outside country registration:
  - The contract has divided fees into 3 categories
    - Premium names: depend on names popularities, usually is cost more then one thousand.
    - Corporate names = 200 USD
    - Individual names = 50 USD
  - The final prices are set by registrars



# cctld LA structure

cctld.la

- Master : TLD1.ULTRADNS.NET  
IP : 204.74.112.1  
ANS1 : 12008 LA, USA

- Slave : TLD2.ULTRADNS.NET  
IP : 204.74.113.1  
ANS2 : 12008 LA, USA

**Outside Laos**  
(No limitation for 2<sup>nd</sup>)  
estimate over 20,000

**Inside Laos**  
(specific second level domain names)  
estimate about 250

LANIC			
NS1.gov.la	NS2.gov.la		
203.110.64.66	203.110.64.67		
ANS : 9881 (Thaicom)	ANS : 9881		
second level			
zone "gov.la"			empty
zone "com.la"			
zone "edu.la"			
zone "int.la"			
zone "net.la"			
zone "per.la"			
zone "lrp.la"			
zone "na.la"			
zone "info.la"			
zone "org.la"			
Third level			
stea.gov.la			
noul.edu.la			
kplinet.la			
...			
...			
resdalao.org.la			

Verisign

Affiliat

Bulkregister

Thank you