



# Deployment of second level domains ccTLD .PY

**Bruno M. Duarte Coscia**

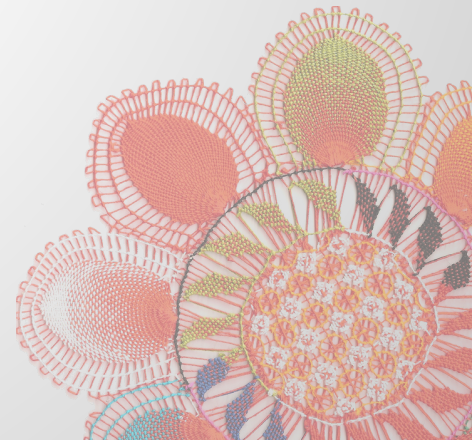
**Centro Nacional de Computación**  
Universidad Nacional de Asunción  
Paraguay

**June 24th, 2015**  
**ICANN 53, Buenos Aires**

Universidad Nacional de Asunción



Centro Nacional de Computación



# Heart of South America



Paraguay



*Uruguay* sounds like Paraguay, but it's not



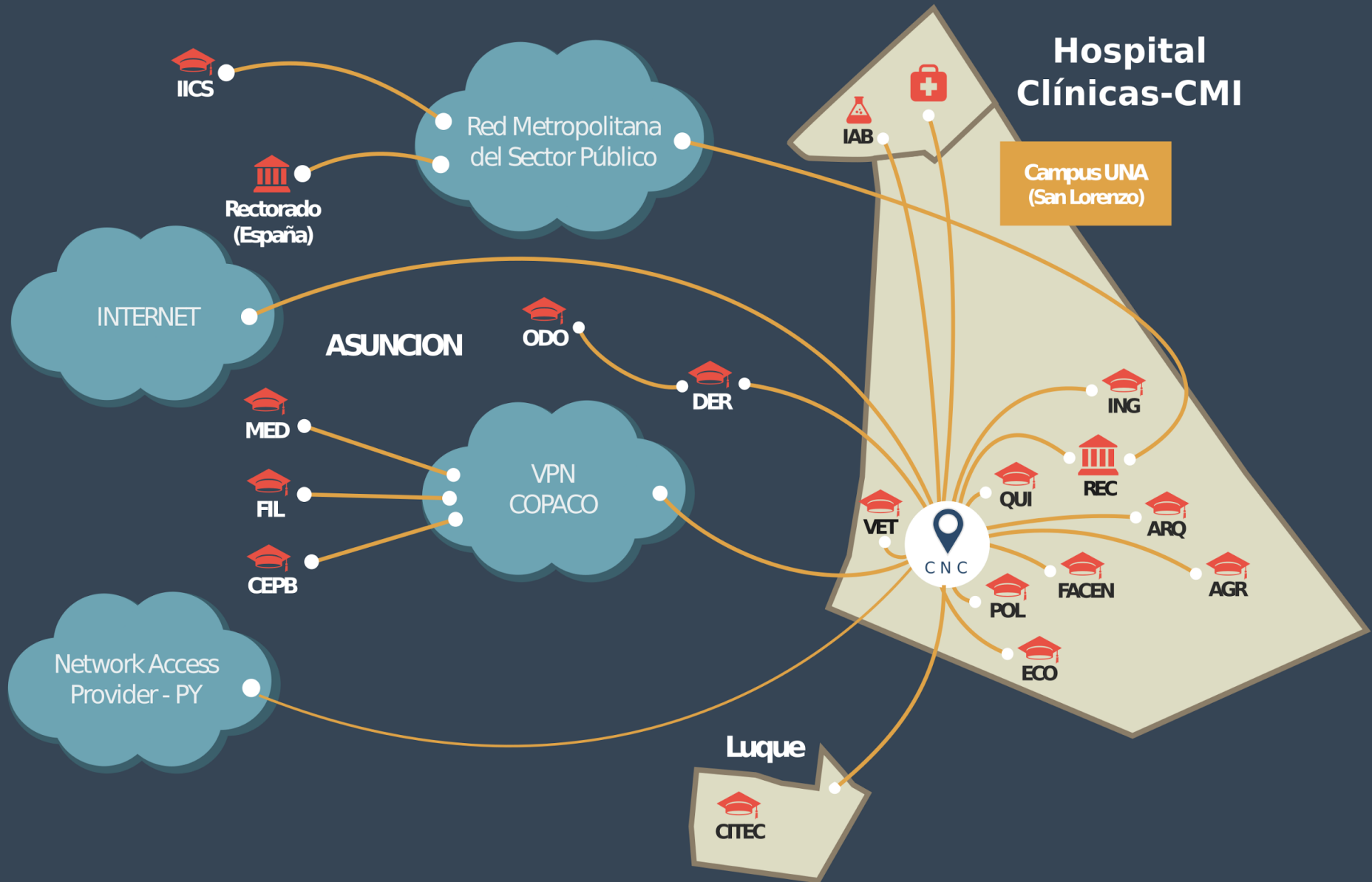




# Campus UNA - CNC / NIC-PY



# UNA NETWORK





# Active domains by type

*Data from May 20th, 2015*

Type of domains	Quantity
com.py	15670
org.py	694
gov.py	339
edu.py	284
coop.py	78
net.py	33
mil.py	14
<b>TOTAL</b>	<b>17112</b>

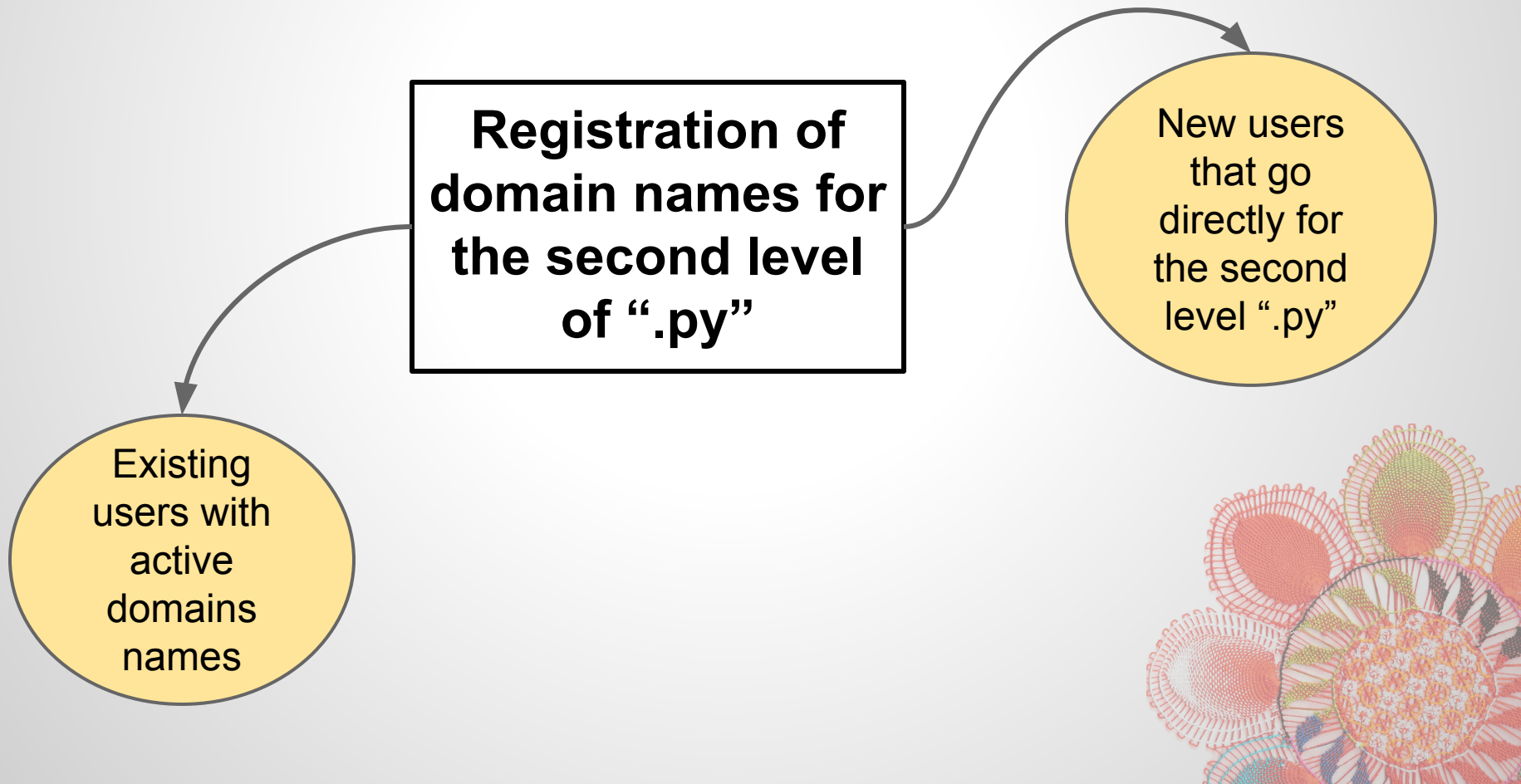
New domains by type in April 2015	
Type of domains	Quantity
com.py	304
org.py	17
gov.py	10
edu.py	3
<b>TOTAL</b>	<b>334</b>

*There was an average of  
243 eliminated domains by  
month in 2014*



# Going for the second level

- ★ Deployment of second level domains is part of the enhancing plan for the NIC-PY





# Existing users with active domains names

- ★ First, we need to see who are automatically eligible and who are not...

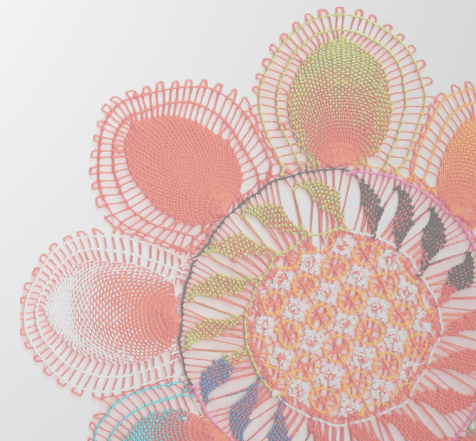
Who goes for  
the second  
level?

***“Non eligible” domains***

Domain name	Type of domains	State
paraguay	<b>com.py</b>	ACTIVE
paraguay	<b>org.py</b>	ACTIVE
paraguay	<b>edu.py</b>	ACTIVE

***“Eligible” domains***

Domain name	Type of domains	State
asuncion	<b>com.py</b>	ACTIVE

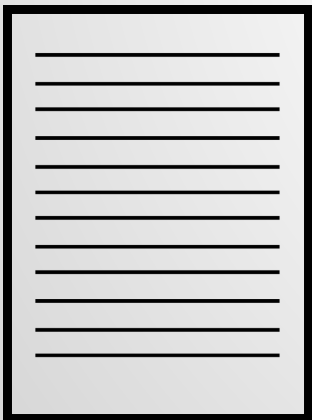


# Deployment strategies (1/3)



All “eligible” domains that were registered before July 1th, will pass through a process

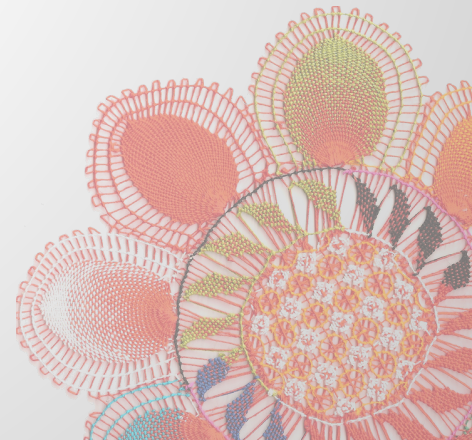
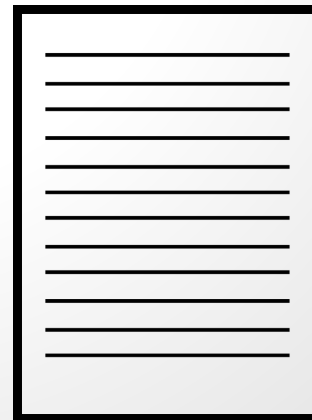
**ASUNCION.com.py**



Copying ownership  
details...



**ASUNCION.py**



\* Estimated date

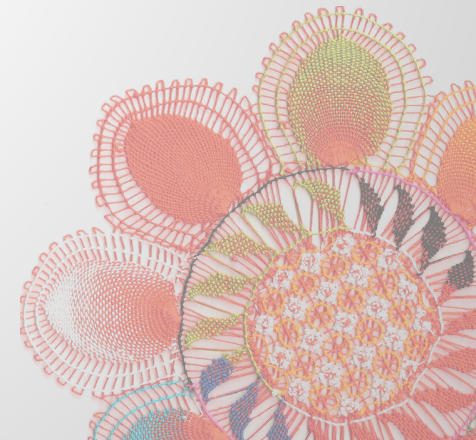


# Deployment strategies (2/3)



Time that would have  
**ASUNCION.com.py**  
to pay the registration of  
**ASUNCION.py**

- ★ Within the grace period, if the “reserved” domain is not paid, then the domain name will be open to request it.



# Deployment strategies (3/3)

- ★ NIC-PY is planning to establish an agreement with WIPO/OMPI for dispute resolution regarding second and third level names for ".py"



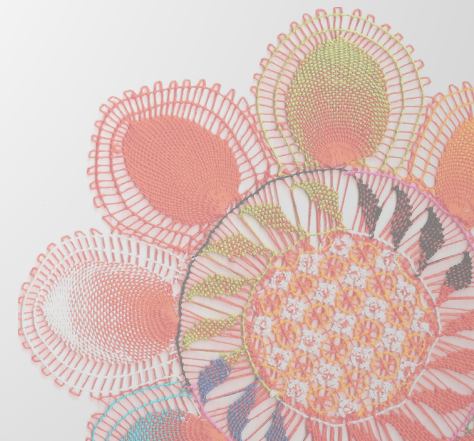
WORLD  
INTELLECTUAL  
PROPERTY  
ORGANIZATION





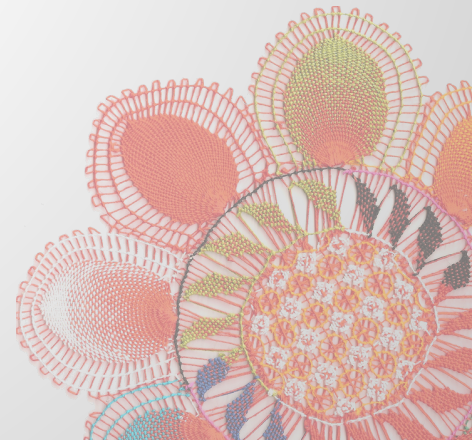
# Expected outcome

- Answer the demand of users that have diverse services in their company/organization and do not want to be identified with a third level domain
- Canalize services that are general for Paraguay, ie: Open government (e-government) and other local initiatives from Paraguay



# Other projects we are working on

- Enabling DNS resolution over IPv6





Universidad Nacional de Asunción

**CNC**

Centro Nacional de Computación

**nic**  **py**

**Thanks!**

**Bruno M. Duarte Coscia**

bduarte@cnc.una.py

<http://www.nic.py/>

<http://www.cnc.una.py/>

