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The role of the post in social electronic communication: new Opportunities ?

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- **Does the letter post have a role in the electronic communication?**
 - Security and confidentiality
 - Legal e-communication
 - Digital address linked to the identity of a person
 - Digital address linked to the physical address of a person
- => The future is about marrying the virtual and the physical worlds**



- **What role for UPU and other international and regional organizations?**
 - Regulation
 - Standardization
 - Co-opetition in knowledge, technology and resources



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Regulation of international e-services

A- Convention

Article 14 – Electronic based postal services (*optional*)

B- Regulations

RL 253 – Hybrid Mail

RL 256 – Electronic Postal Certification Mark

RL 256bis - Postal Registered Electronic Mail

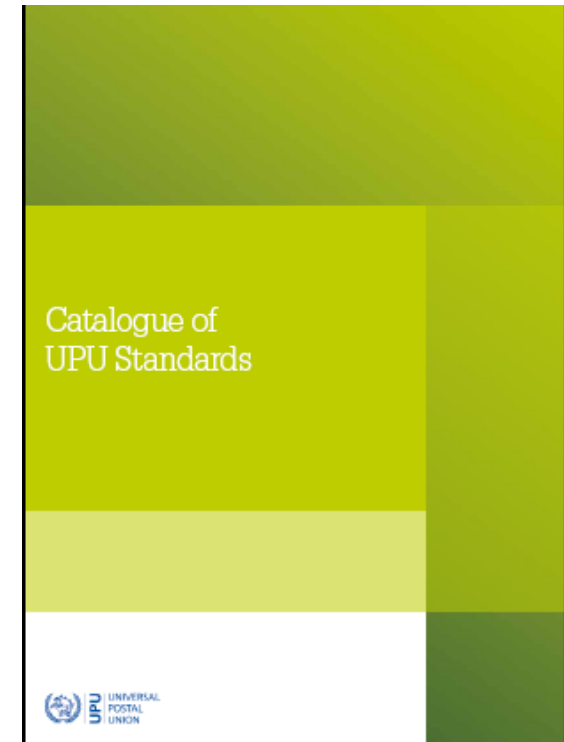
RL 256ter -Postal Electronic mailbox



Technology standards

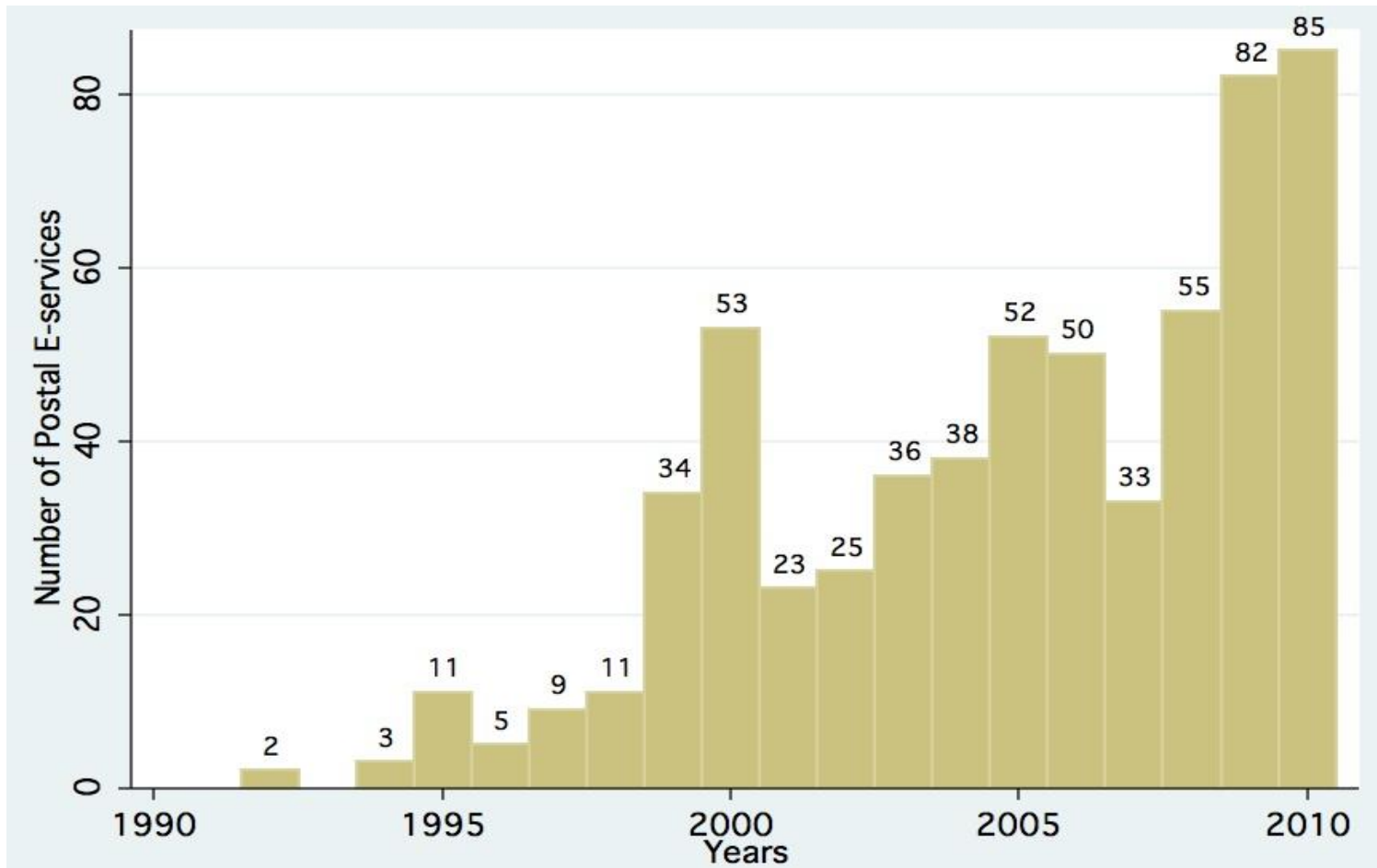
Standards are important for interconnectivity and the formation of a single postal territory

- S33 - Interoperability framework for postal Public Key Infrastructures
- S39 - Trusted Time Stamp
- S43 - Electronic Postal Certification Mark
- S52 - Postal Registered Electronic Mail



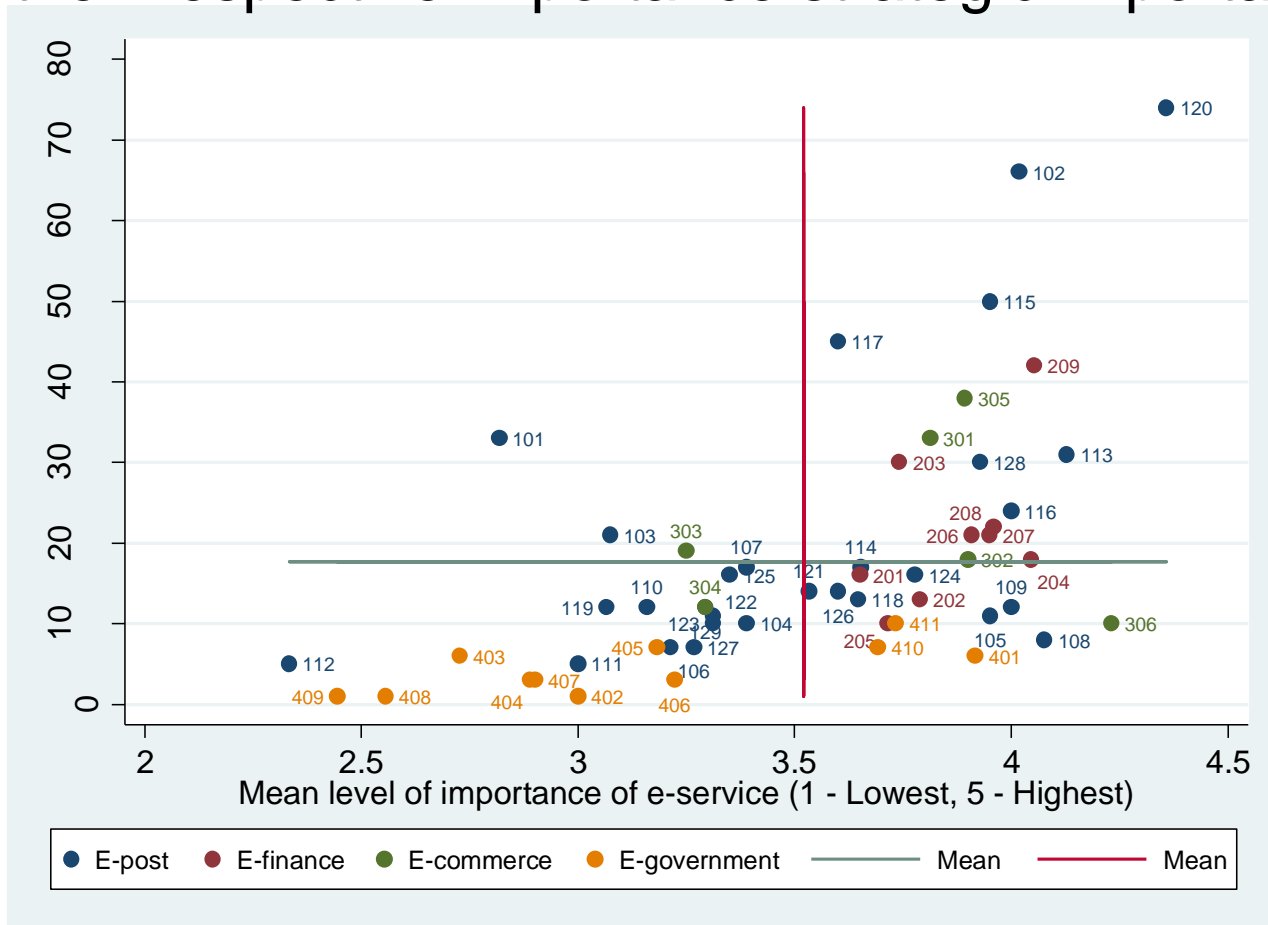


Postal e-services launched each year





Worldwide development of postal e-services versus the mean level of their respective importance strategic importance





- E-learning program
 - Developed first training course for TRAINPOST related to postal e-services
- Role of the post in the information society
 - Promote the role of the postal sector in key UN international events: WSIS, Broadband Commission
 - Publish ITU-UPU book on the use of ICTs in the postal sector « ICTs, new services and transformation of the Post »



E-services in the DPS 2013-2016?

Draft Doha Postal Strategy – Overview

Mission: The mission of the Union is to stimulate the lasting development of efficient and accessible universal postal services of quality in order to facilitate communication between the inhabitants of the world by: ... (see vertical columns below)

Vision: "The postal sector – an essential component of the global economy"

Interconnection		Development		Governance						
... – guaranteeing the free circulation of postal items over a single postal territory	Goal 1 Improve the interoperability of the international postal networks <i>Programme 1.1</i> Enhance QoS, reliability and efficiency of the postal networks <i>Programme 1.2</i> Increase postal integrity and security <i>Programme 1.3</i> Develop adequate standards and regulations <i>Programme 1.4</i> Stimulate the use of ICT to improve access and performance <i>Programme 1.5</i> Promote addressing in national postal systems	... – encouraging the adoption of fair common standards and the use of technology	Goal 2 Provide technical knowledge and expertise related to the postal sector <i>Programme 2.1</i> Increase awareness of the role of the postal sector <i>Programme 2.2</i> Develop statistical and analytical/cost accounting procedures <i>Programme 2.3</i> Provide market and sectoral research in response to customer needs <i>Programme 2.4</i> Strengthen members' capacity to implement and manage their universal service <i>Programme 2.5</i> Provide information and expertise to foster cooperation among stakeholders	... – ensuring cooperation and interaction among stakeholders	Goal 3 Promote innovative products and services (developing the 3-D network) <i>Programme 3.1</i> Modernize and diversify postal products and services <i>Programme 3.2</i> Stimulate market growth through the use of new technologies <i>Programme 3.3</i> Continue development of postal networks along three dimensions <i>Programme 3.4</i> Facilitate international e-commerce	... – promoting effective technical cooperation	Goal 4 Foster sustainable development of the postal sector <i>Programme 4.1</i> Improve remuneration systems between postal operators <i>Programme 4.2</i> Promote environmental awareness and social responsibility <i>Programme 4.3</i> Strengthen the UPU's capacity to respond appropriately to changing needs in the market <i>Programme 4.4</i> Stimulate the inclusion of all segments of the population through greater access to postal services	... – ensuring the satisfaction of customers' changing needs		
	Physical		Electronic		Financial					
	Global strategy implemented regionally									
	Supported by the Programme and Budget for 2013, 2014, 2015 and 2016									



What are possible scenarios
of e-services on the .post
platform?



International Registered Mail

It is a digital format of the secure and verifiable registered letter. International service provided by UPU to the UPU members, i.e. governments and designated postal organizations (DOs), as well as to other inter-governmental organizations.

Specifications

- ▶ Authentication
- ▶ Signed messages
- ▶ Encrypted transmission
- ▶ Confirmation of reception

Use cases

- ▶ Governments
- ▶ Postal operators
- ▶ International Organizations

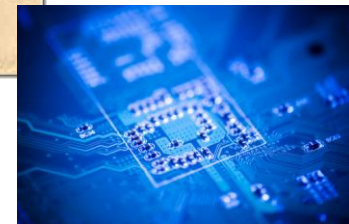


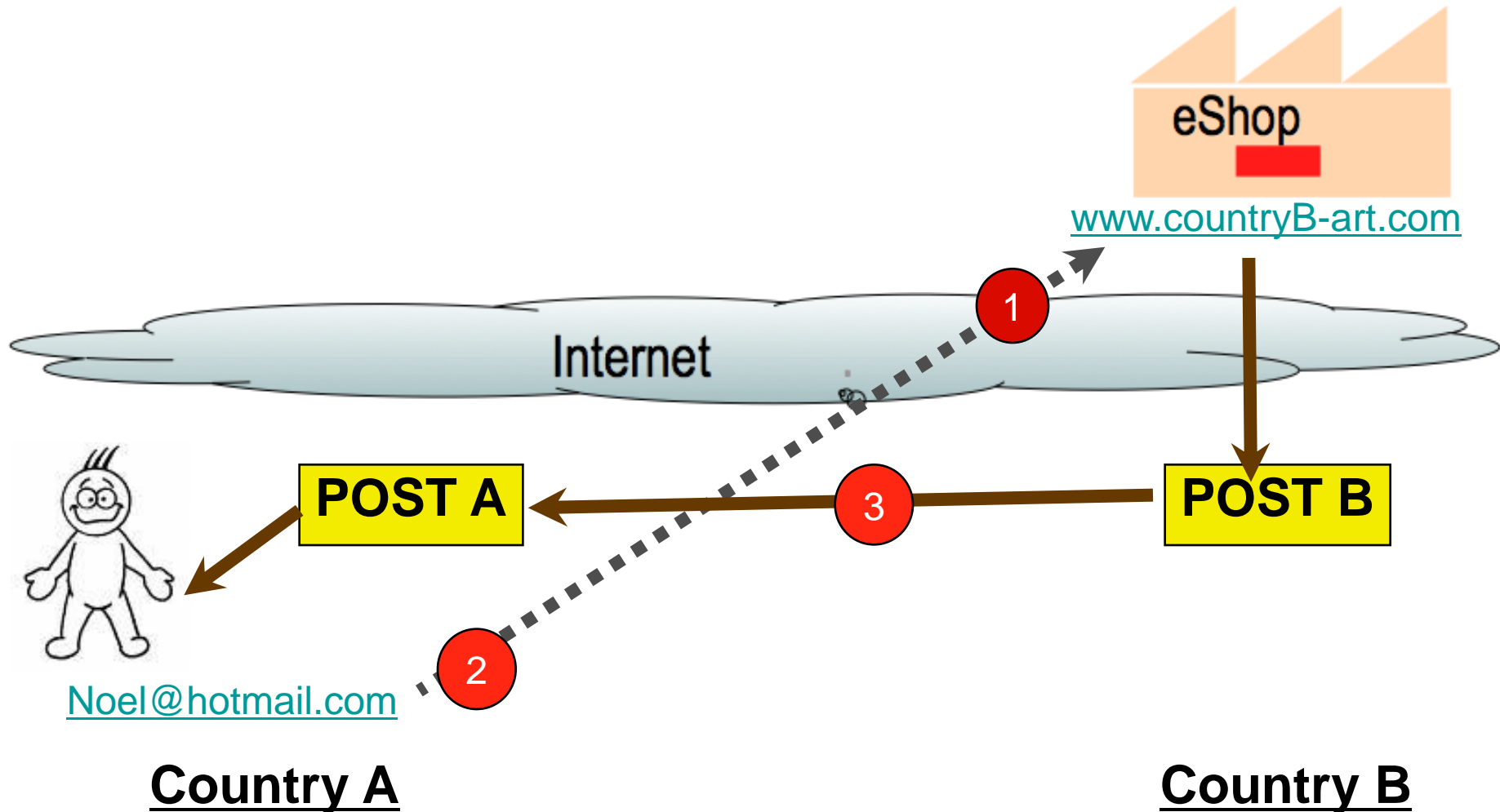
Integrity

Non-repudiability

Confidentiality

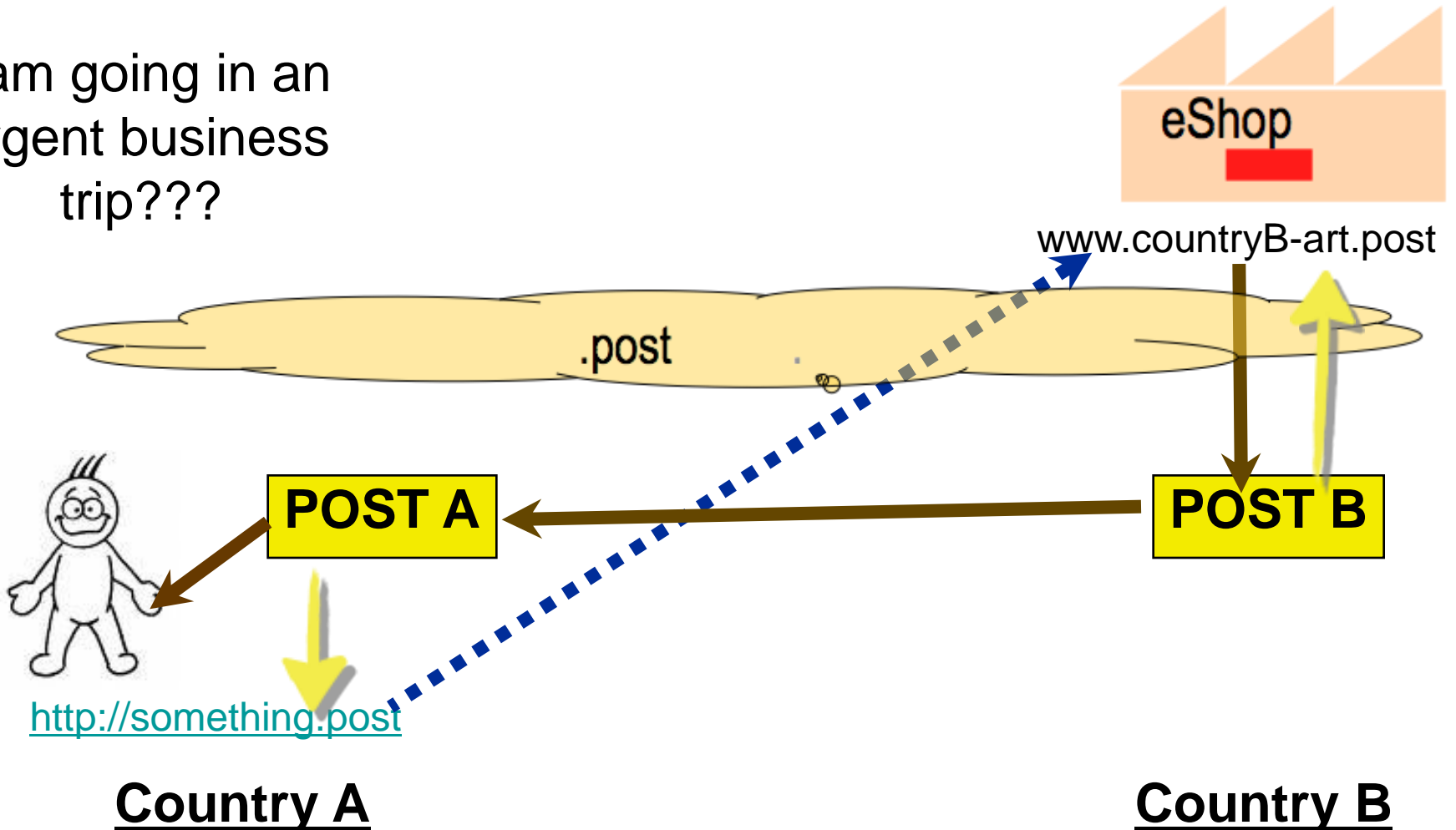
Authentication





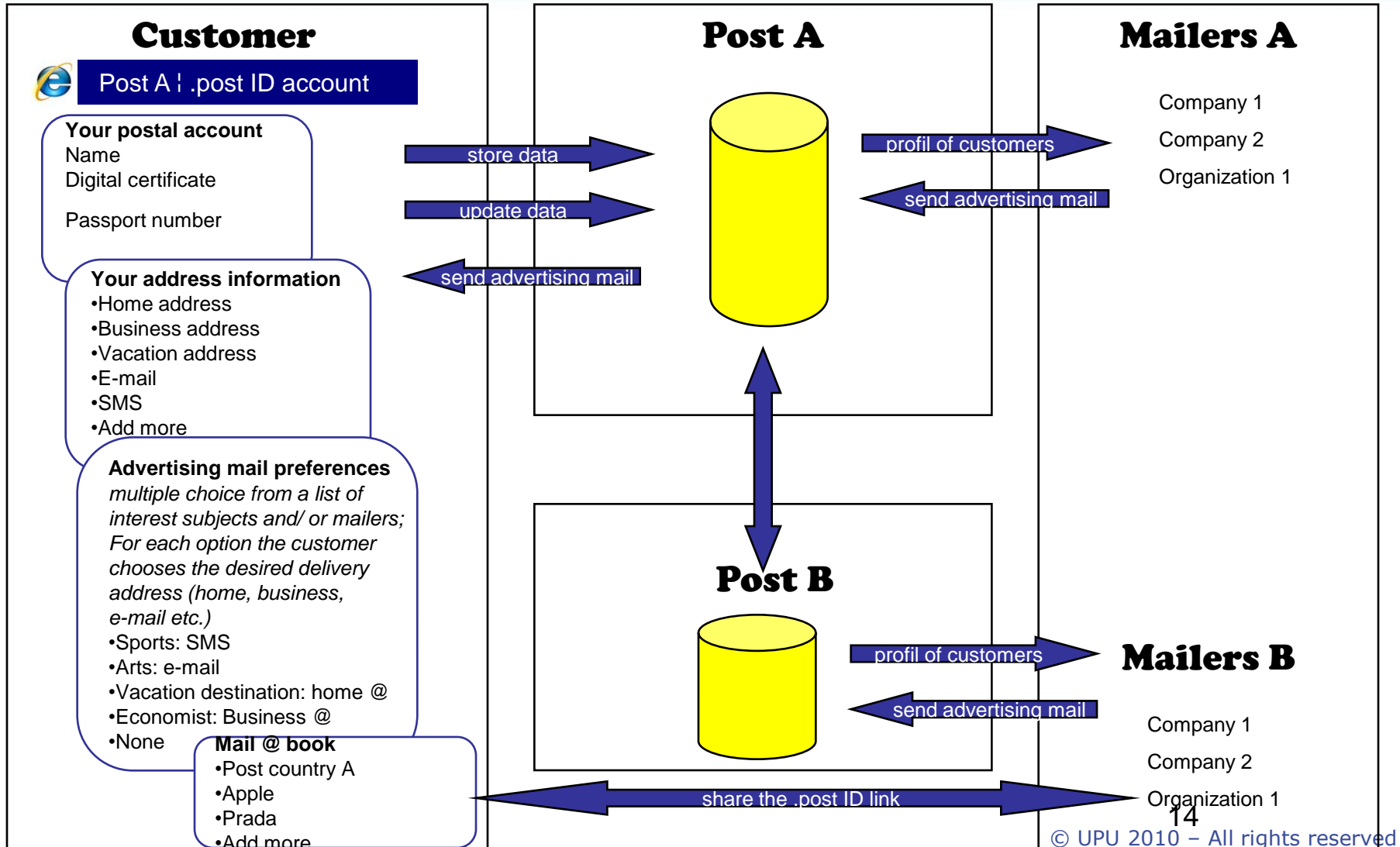


I am going in an urgent business trip???



Country A

Country B





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Questions?