

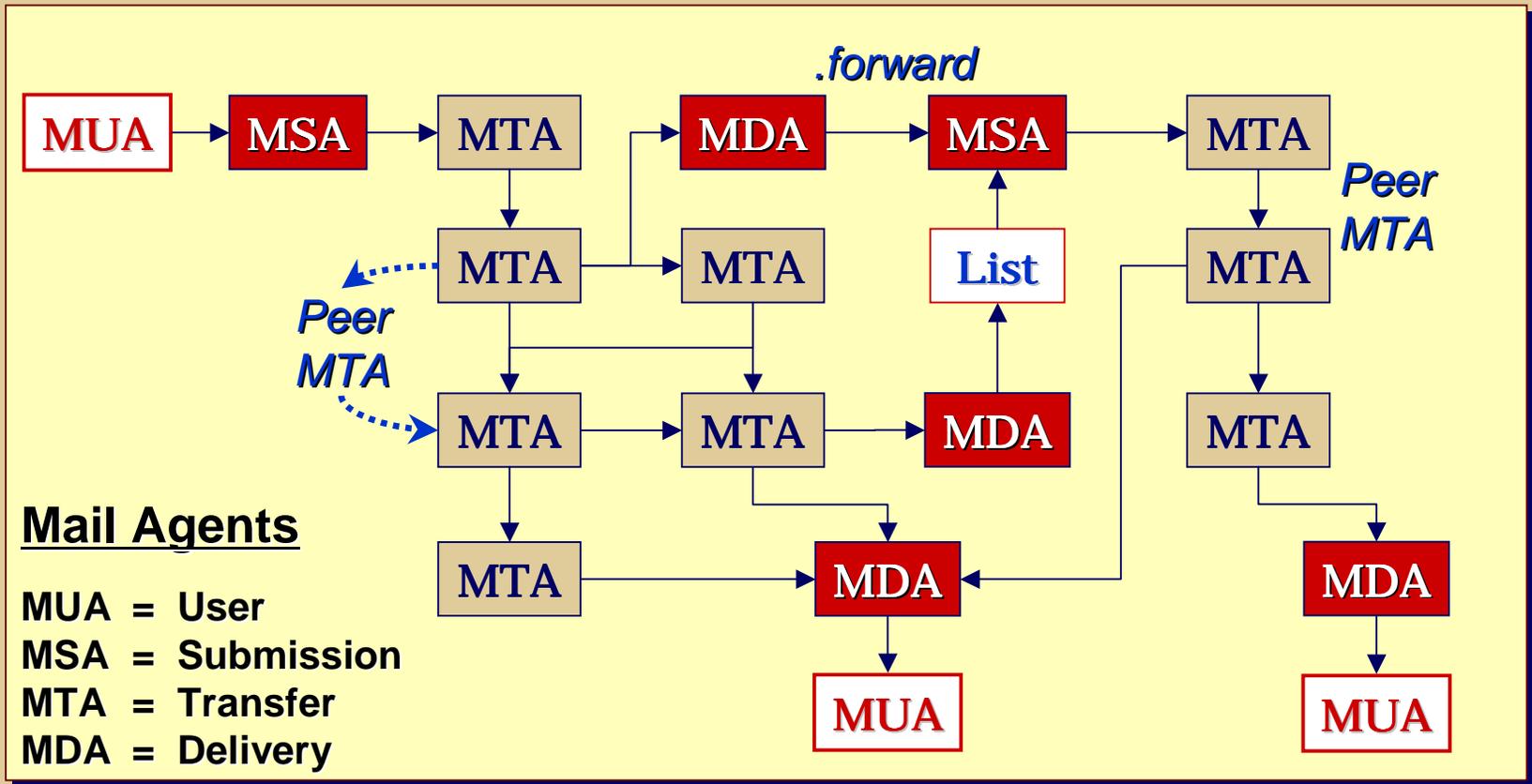
Modest Proposals for Layered Email Authentication

APCAUCE/APRICOT – Kyoto 2005

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Email is... Complicated!



Email Actors/Participants



Originator

- ❖ Which actor/participant is being evaluated?
- ❖ Which actor/participant is vouching for them?



Recipient



Sender



Relay

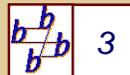


Relay



Delivery Agent

Bounce



What we will cover

Challenge

- ⊗ **Different email actors**
 - ✘ Each might create problems
 - ✘ Each might prevent problems
- ⊗ **Goal**
 - ✘ **Identify** actors
 - ✘ **Evaluate** their legitimacy
 - ✘ **Decide** whether to trust their message traffic

Proposals

- ⊗ **Path Registration**
Meng Wong
 - ✘ SPF
 - ✘ Sender-ID
- ⊗ **Crypto Message Authentication**
Jim Fenton
 - ✘ Identified Internet Mail (IIM)
 - ✘ DomainKeys
- ⊗ **Handling Service Support**
Dave Crocker
 - ✘ Certified Server Validation (CSV)
 - ✘ Bounce Address Tag Validation (BATV)

Universal spam solution rebuttal

Checkbox form-letter for responding to spam solutions proposals.

See:

<<http://craphound.com/spamsolutions.txt>>

Your post advocates a

technical legislative market-based vigilante

approach to fighting spam.

Your idea will not work. Here is why it won't work.

(One or more of the following may apply to your particular idea, and it may have other flaws which used to vary from state to state before a bad federal law was passed.)...