

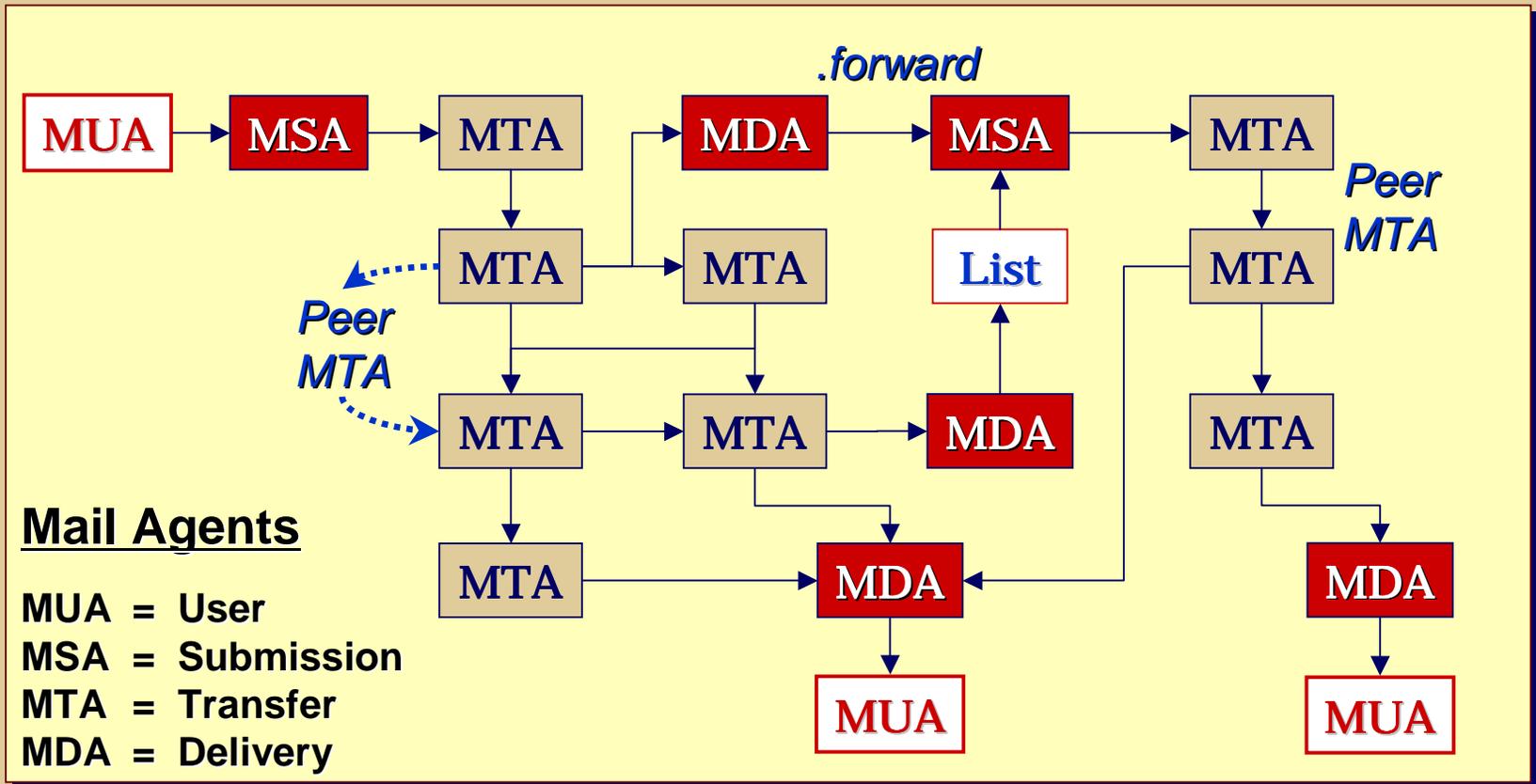
# Modest Proposals for Layered Email Authentication

***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*

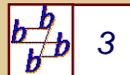


*Relay*



*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.)...*