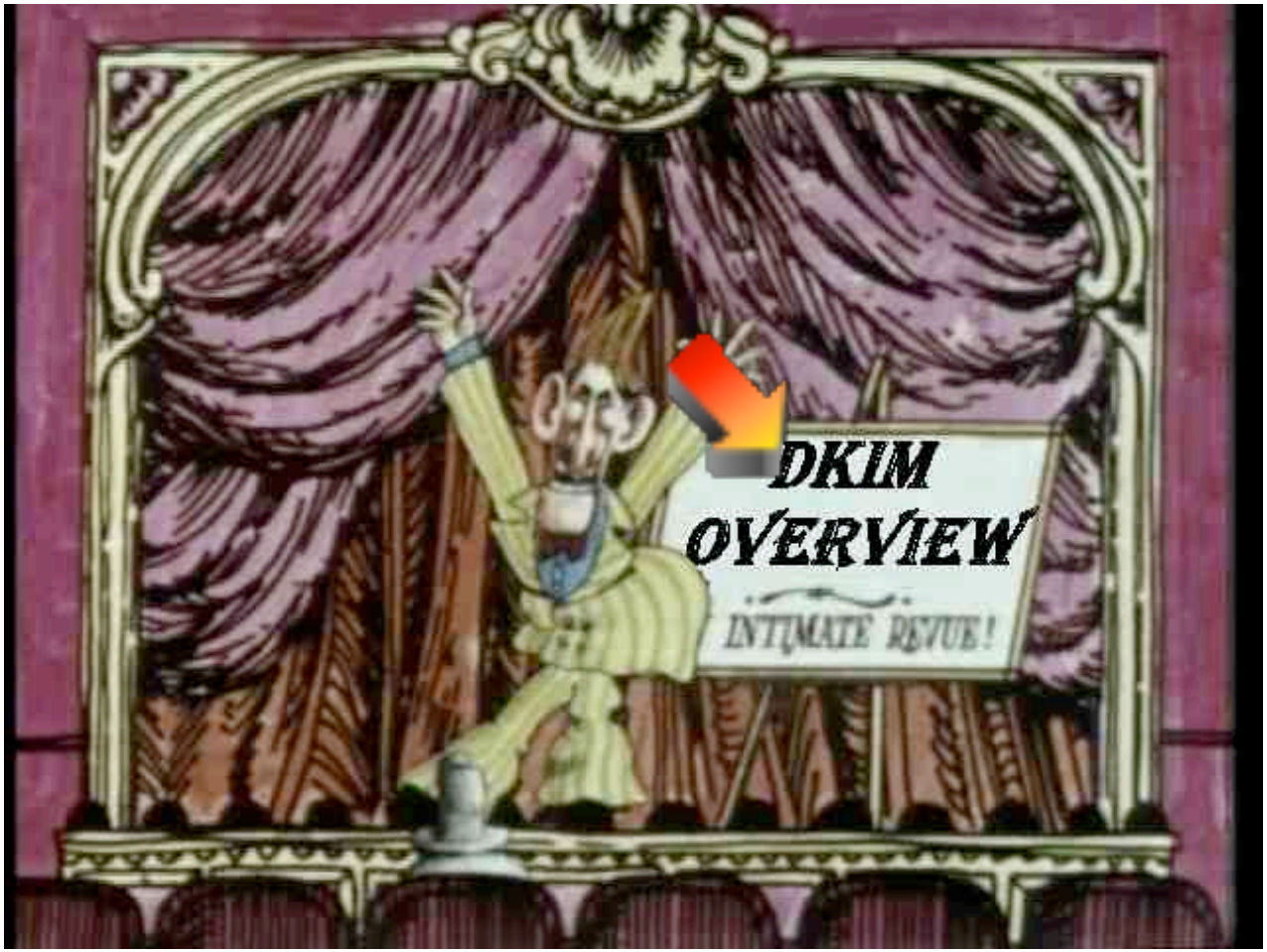
And now…

And now…

… for something …

… completely …

… different!



DKIM Overview Document

IETF 69

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This document provides

This document provides

- An overview of DKIM
  - System-level service design
  - Goals, constraints, etc.
- It describes
  - how it can fit into a messaging service
  - how it relates to other IETF message signature technologies
  - best implementation practices
  - best migration practices

Recent changes

Recent changes

- Reorganized, based on feed back from last IETF
  - DKIM Framework
    - Introduction, Goals, Function, Service Architecture
  - Deployment and Operation of DKIM Base
    - Development, Email Infrastructure Agents, Filtering, DNS Server, Deployment, On-going Operations, Example Uses
- ONLY A FEW COMMENTS

We've been striking a balance …

- It's too %^&*& big!

vs.

- But what about describing …

- Had a significant diet
  - 42 pages -> 32 pages
    - Framework: 12 pages
    - Deployment/Operations: 14 pages
  - Reorganized to better present material

We've been striking a balance …

- We can use some of this stuff *now!*

vs.

- It can all wait until later

- Now or later?
  - Base too low level for managers
    - Various conferences discussing message authentication keep mentioning overview as the place to go to for information
    - Recent FTC meeting example
  - *Drat* – SSP isn't done yet
    - But the requirements are!

We've been striking a balance …

- The current Overview draft does *not* cover SSP well
  - It can't
- But we *can* build on requirements as much as possible
- Based on comments
  - Can do better
  - Need to discuss role of SSP in a signing service, but not details

Issues …

Issues …

- Notice the dichotomy:
  - ***how it*** can fit into a messaging service
  - ***how it*** relates to other IETF message signature technologies

  vs.

  - best implementation ***practices***
  - best migration ***practices***

Issues …

- Normative language
  - Appropriate for ***practices*** but not ***framework***
- Informational, Standards Track, or Best Current Practices?

- Practices section based on experiences seen with domain keys, dkim-allman deployments, experience with DNS, etc.

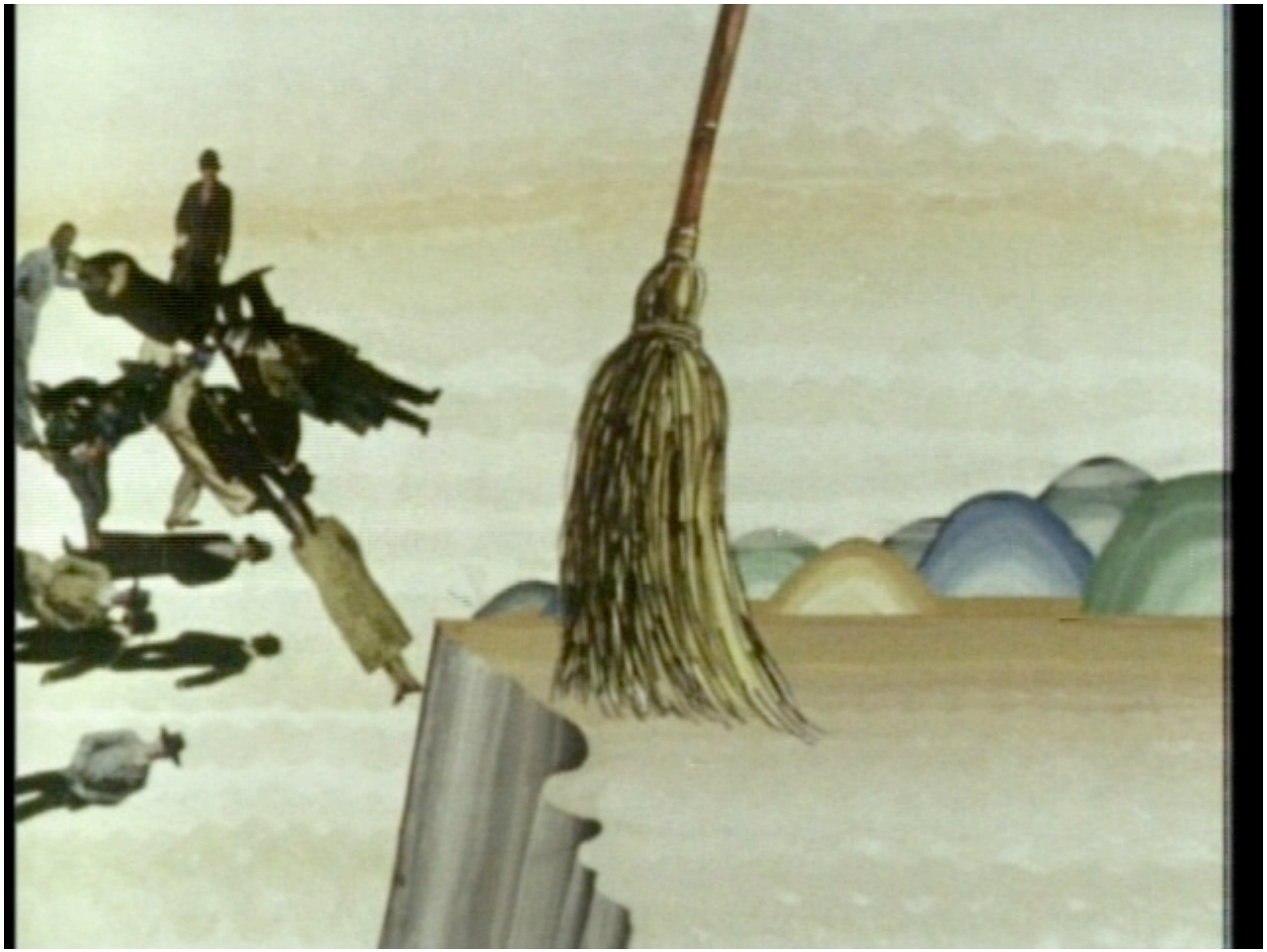
Big Issue

- Eyeballs
  - How do we get more people reviewing the document?

Plans …

Plans …

- One more rev
- Then WG LC
- BCP status?

- After SSP design is finished
  - Update as appropriate
  - And reissue

Bye