

# Thoughts on Trust Infrastructure, User Interface, and Legal Issues

Stephen Schultze and Thomas Lowenthal

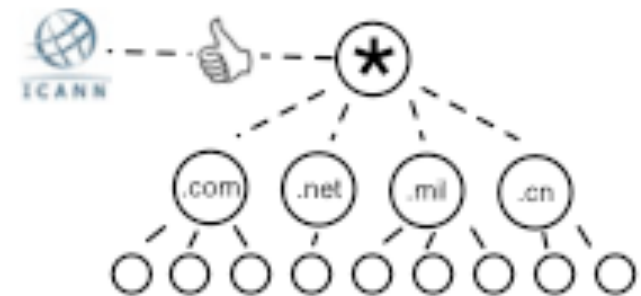
*Center for Information Technology Policy*

*at Princeton University*

The W3C “Identity in the Browser” Workshop

May 24-25, 2011

# Trust Infrastructure



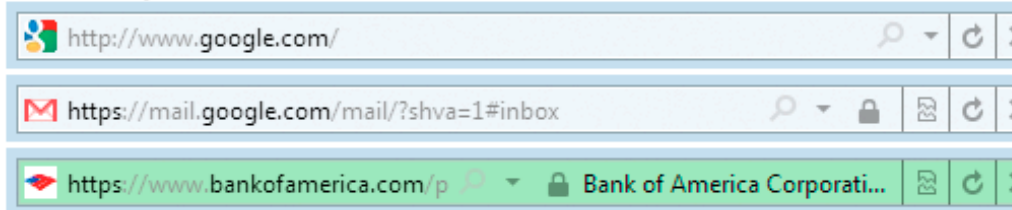
*delegated*

and

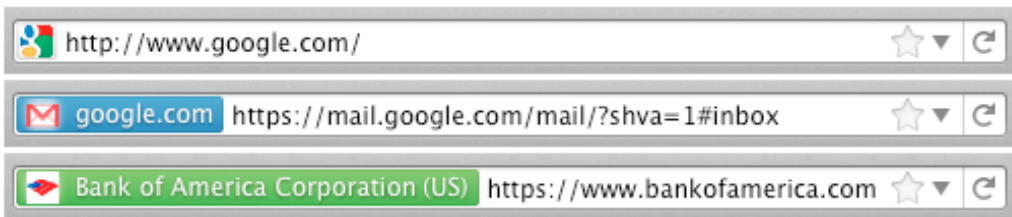
*hierarchical*

# User Interface

## Internet Explorer 9



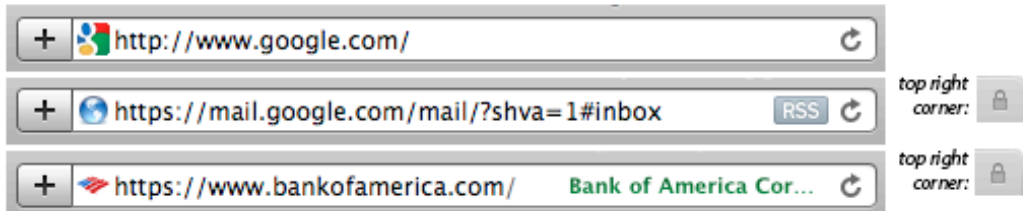
## Firefox 4



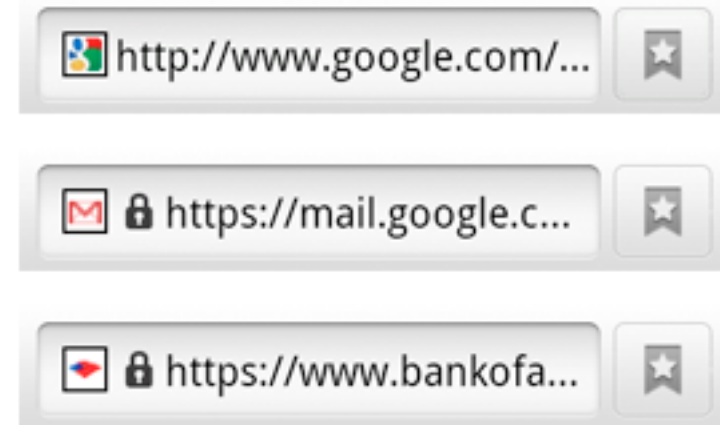
## Chrome 8



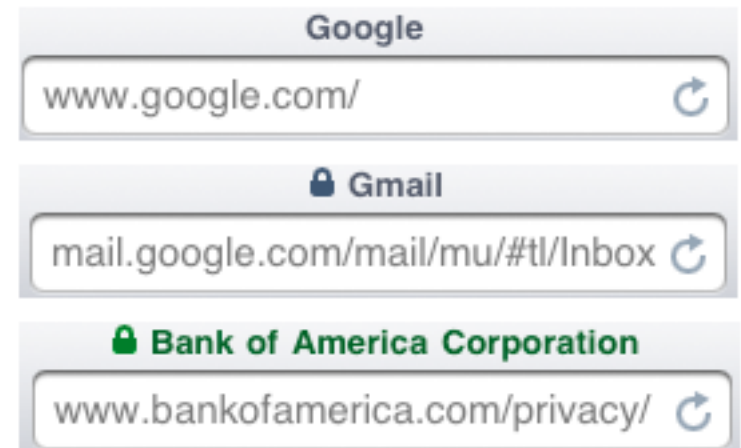
## Safari 4



## Android Browser 2.2



## Mobile Safari (iPad, iPhone - iOS 4.2)



*consistency*

# Legal Issues

## **“Warranties and Limitations on Warranties**

In no event does [the CA] ... make any representations, or provide any warranties ... to any ... Subscribers, Relying Parties, or any other persons, entities, or organizations with respect to ... the reliability of any cryptographic techniques or methods used in conducting any act, transaction, or process involving or utilizing [a] Certificate”

<http://www.entrust.net/CPS/pdf/SSL-CPS-English-160810-v2-4.pdf>

*clear assurances*

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