

Identity 2.0

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Unmasking Identity Management Architecture (IMA)

Digital Identity



O'REILLY®

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Does Identity Matter?



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Does Identity Matter?



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identifiers

what's in a name?



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Samantha

Matsuhiro

Fred

Alice

George

Greta

Steve

Kristen

Cindy

Monty

Lynne

Betty

Tonya

Phil

Rumplestiltskin

3 Phillip Windleys

HowManyOfMe.com

How Many?

There are:
3
people with my name
in the U.S.A.

[How many have your name?](#)

3 Phillip Windleys

HowManyOfMe.com



There are:
3
people with my name
in the U.S.A.

[How many have your name?](#)

50,000 John Smiths

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Thursday, January 24, 13

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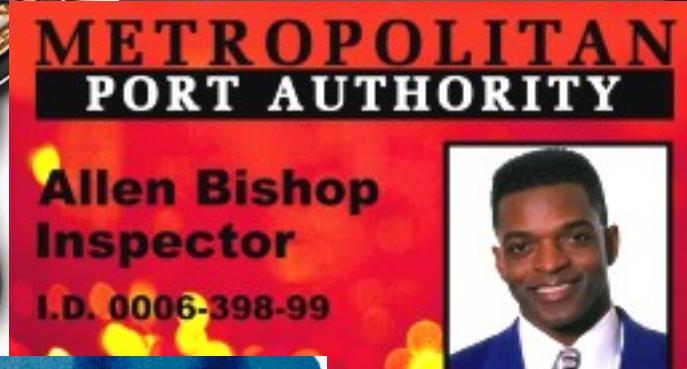
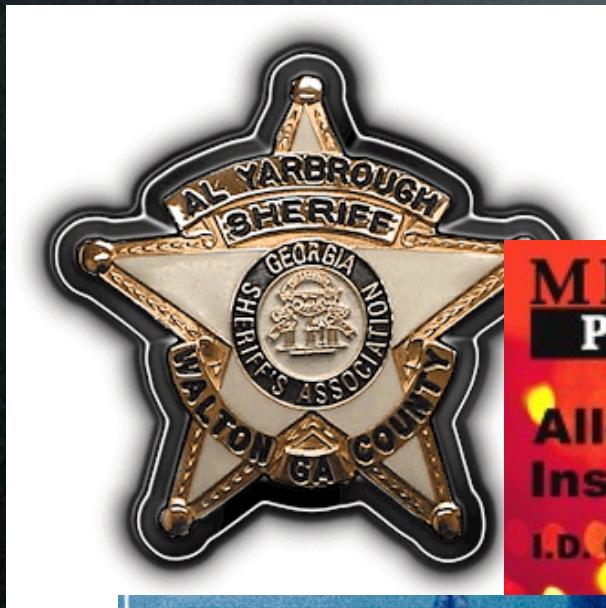
Thursday, January 24, 13

<http://www.windley.com/essays>

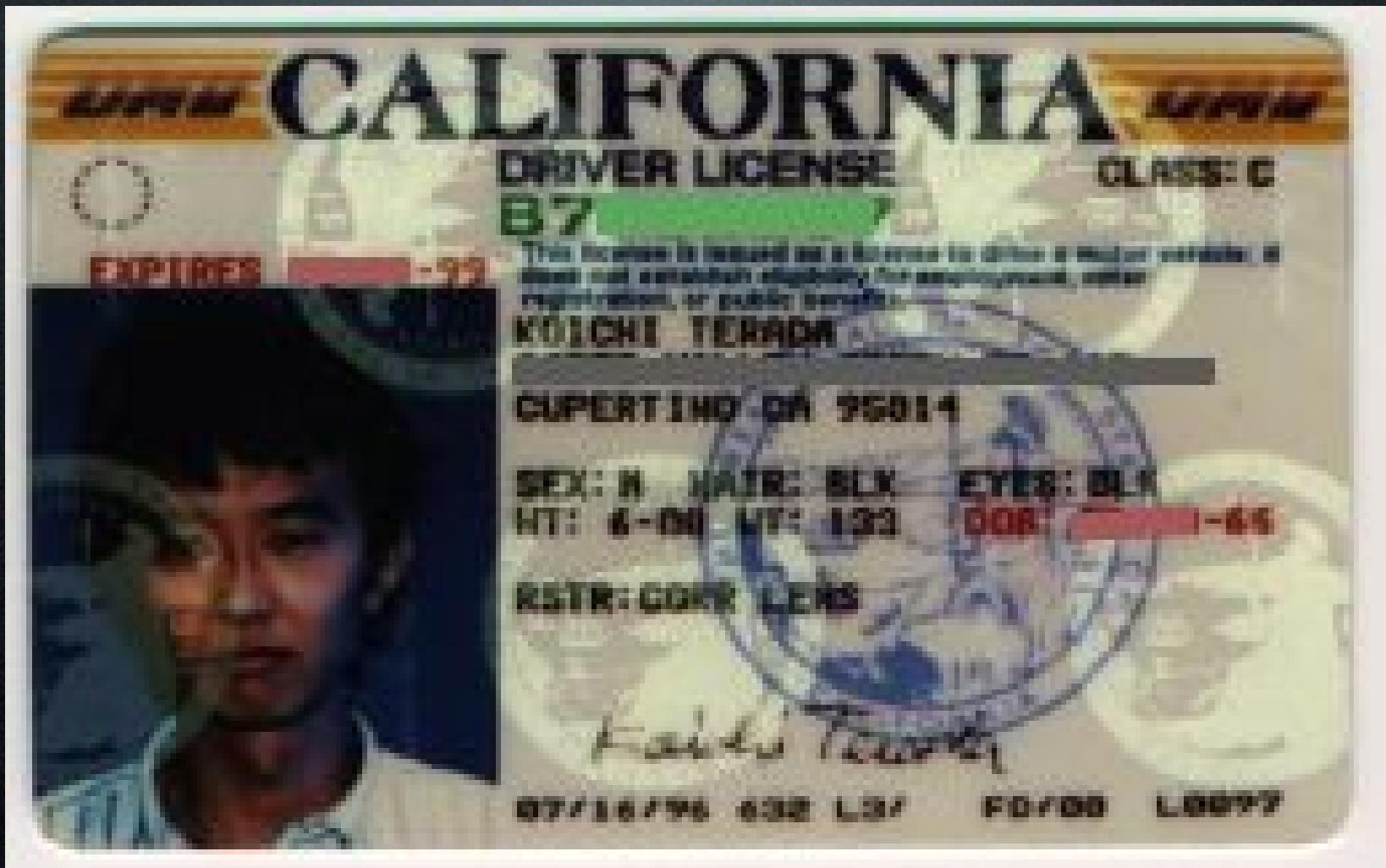
xri://windley

credentials

One of these things is not like the others!

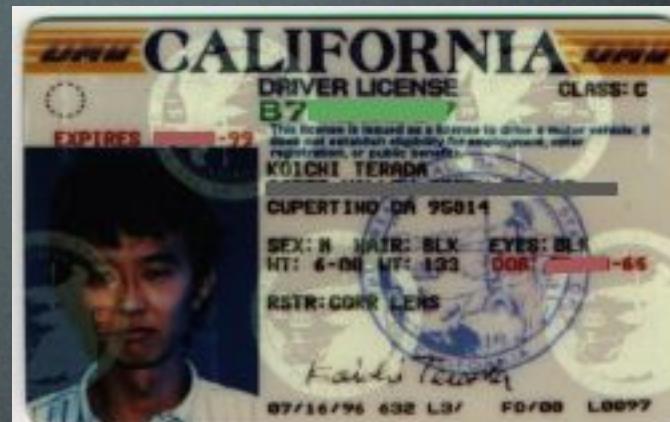


Credentials & Identity



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Buying Beer



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Credential Context



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Credential Context



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Credential Context



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Token Use Case

The screenshot shows the Boeing Employee Portal homepage. At the top, there are links for 'Portal Settings', 'Help', 'Feedback', and 'Logout'. The main header says 'Welcome MSBO Login/1812' and 'Wednesday March 06, 2002'. Below the header, there's a search bar labeled 'Portal Document Search' and a 'Search Options' dropdown. The main content area features a large image of an airplane in flight, with the text 'Boeing News Now' and a 'News Clips' section. On the left, there's a sidebar with sections for 'My Pages', 'Communities', 'Documents', and 'Recent Activity'. It also includes a search bar for 'Boeing News Now' and a 'Boeing News Now' section with a link to 'Advanced Boeing News Search'. Further down, there are sections for 'My Publications' (with news items like 'Boeing Delays First Launch of its Future Satellite'), 'My Favorites' (with links to 'Boeing Training', 'Business Travel', 'Careers', 'Community Web', etc.), and 'Exchange 2000 Inbox' (listing contacts like 'Ross, Thomas J.' and 'Lundin, Katrina L.' and appointments like 'IP spoofing setup on EPT' and 'All printing problem - tpe').

Linking 401K site
to employee
portals



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Scenario 0: Password Sharing

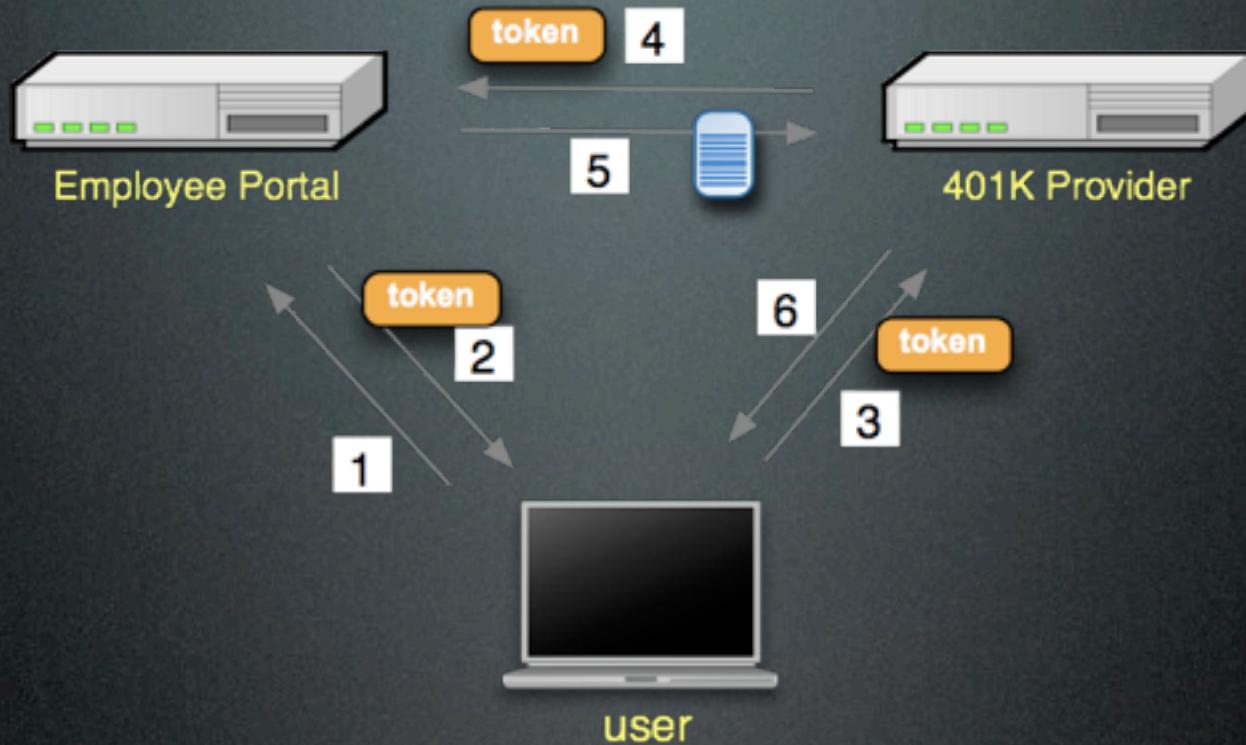
- Give your login credentials to one site so they can impersonate you at another
- Mint is a classic example

Roles

1. Identity issuer
2. Relying party

Roles

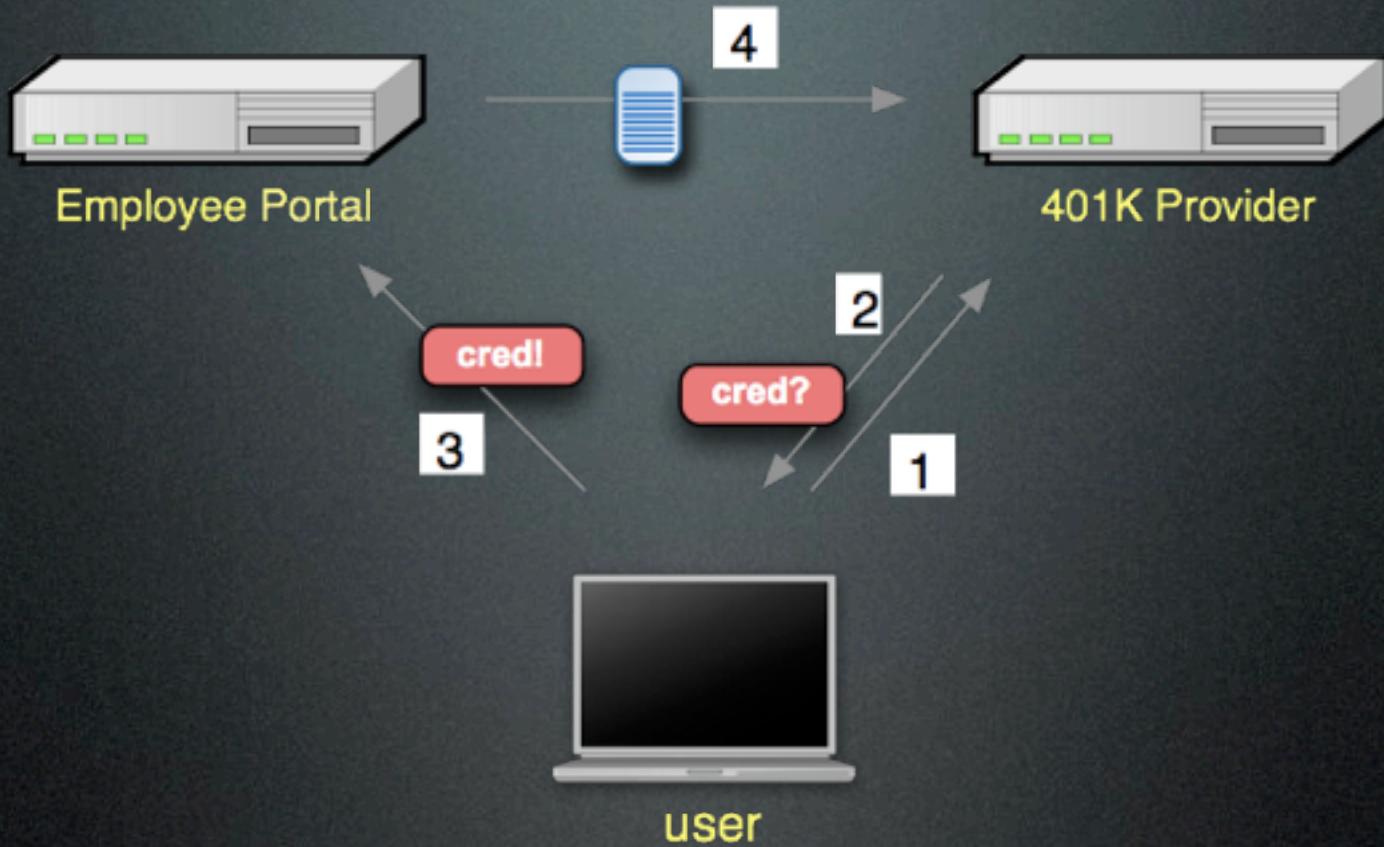
1. Identity issuer
2. Relying party
3. User



scenario one

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- ID issuer and relying party have prior arrangement
- User is only involved peripherally and because of policy



scenario two

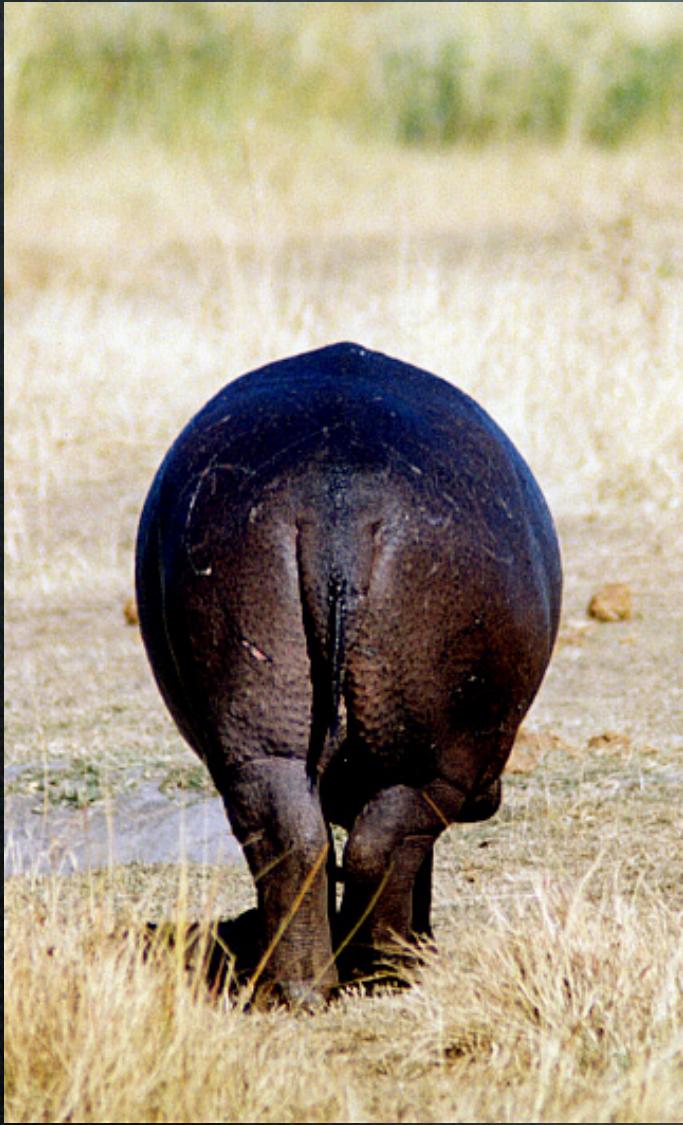
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- ID issuer and relying party need no prior agreement
- User involved structurally

Some Identity Technologies

- OpenID
- OAuth (1.0a, 2.0)
- OpenID Connect

OAuth



The End

Contact Information

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Questions?



