

IDENTITY AS A PLATFORM SERVICE

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IDENTITY IN THE BROWSER

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PLATFORMS HELP IDENTITY MANAGEMENT

The platform is in a position to improve browser identity because it has information that cannot be shared with applications:

- List of identities
- Cached credentials
- security policy
- Channel bindings

NO SINGLE MECHANISM WILL WIN

- We will not settle on a single mechanism for conveying identity
- Enterprise, consumer portals, government all have different requirements
- The platform can make mechanisms available so applications need not support everything

BEST PRACTICES BEYOND THE WEB

- Platform provides security services; applications may pick up and use new mechanisms without any code changes
- Example: IETF's Common Authentication Technology supports OpenID, OAuth, SAML, Kerberos and public-key
- Moonshot: new mechanism taking advantage of platform to drive federation
- Application is in control of how much mechanism knowledge it needs

APPLICATION AND PLATFORM TOGETHER

- Platform provides mechanisms and identities to application
- Application can supplement these possibly even adding new mechanisms
- Application can feed in credentials and identities it knows about
- Application controls the UI

RECOMMENDATIONS

- Provide platform extensions for identity management
- Provide web application libraries to facilitate identity management with or without these extensions
- Where present take advantage of platform security beyond the browser