# Web Authentication with Selective Delegation using SRP

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# credentials vs. relationships

# delegation

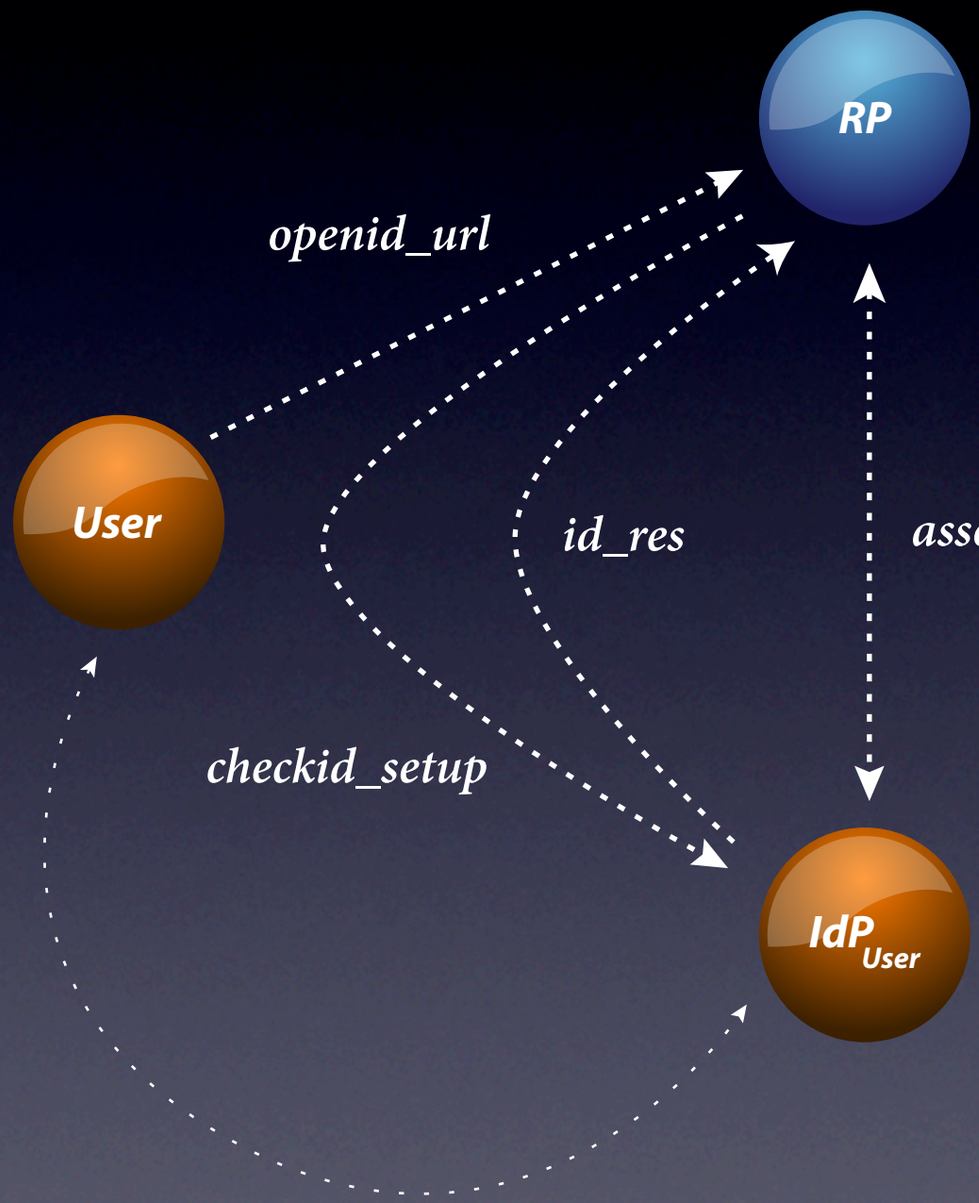
# selective delegation

# authorized impersonation

# new identity systems

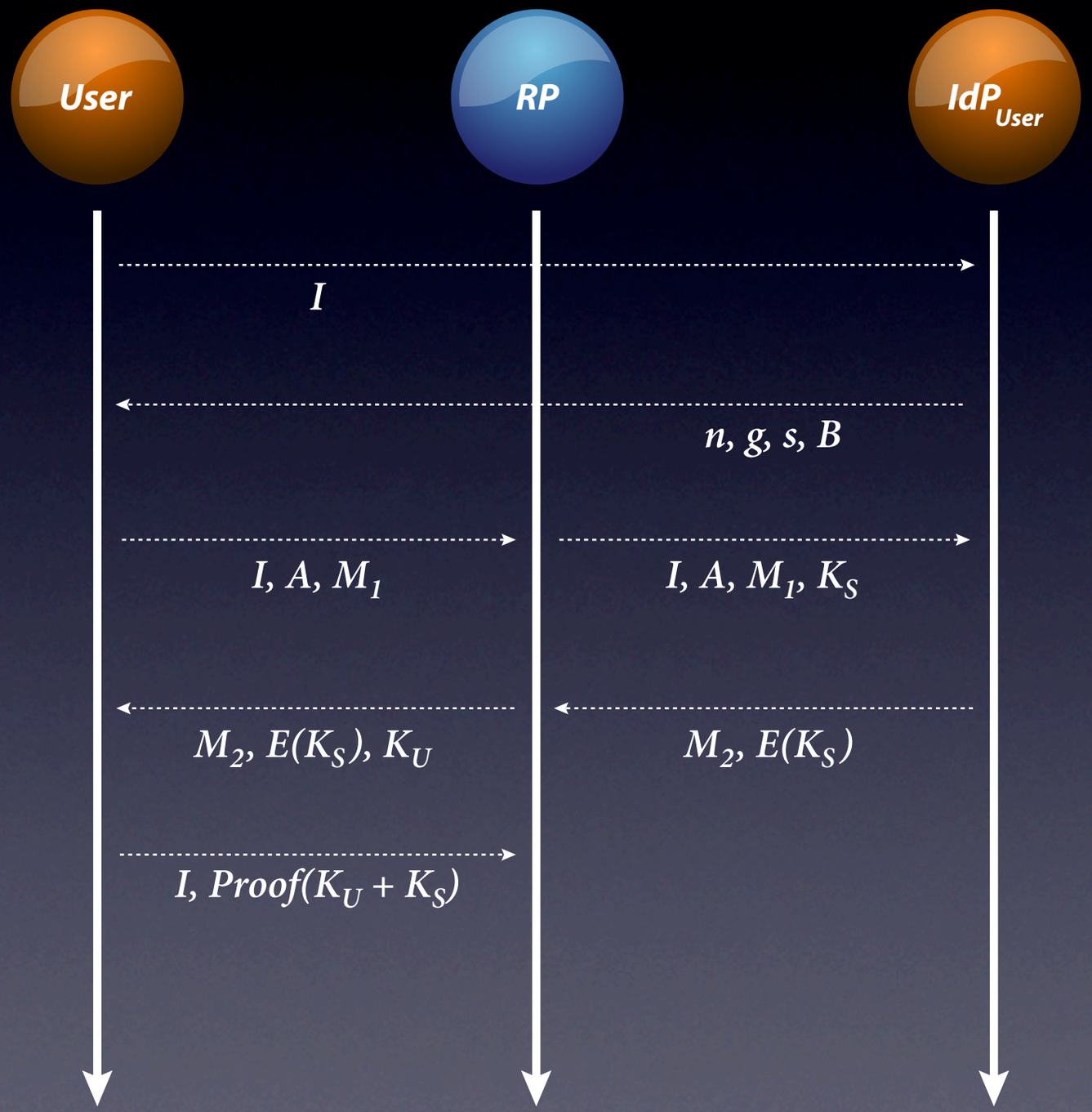
# OpenID

# OpenID


RP
openid_url
User
id_res
associate
checkid_setup
IdP User
authentication (out of scope)

# SSRP

# SSRP Authentication



# adding selective delegation

# SimpleAuth

I discoverable identifiers

P advertised permissions lists

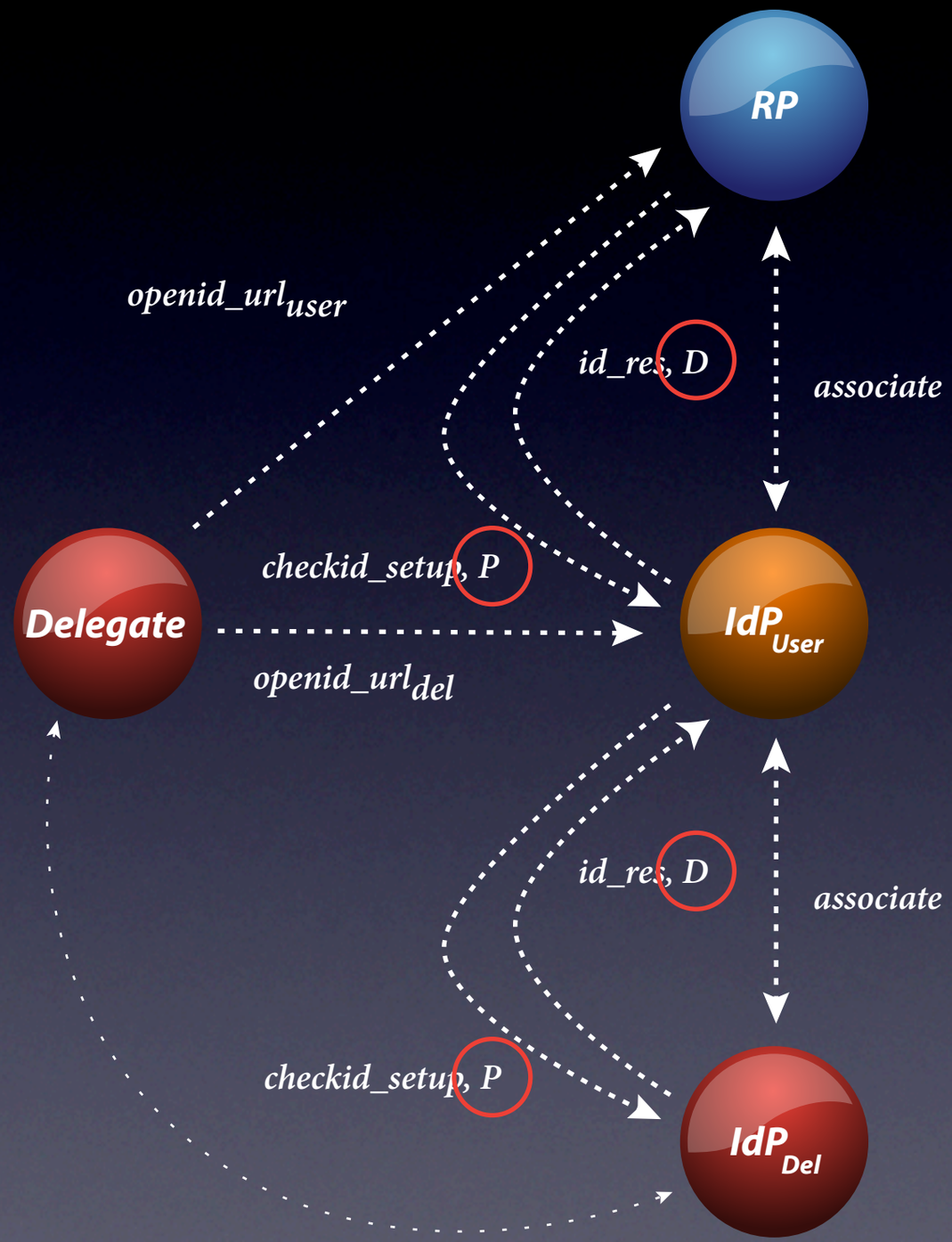
D delegation lists

minimal client-side secrets

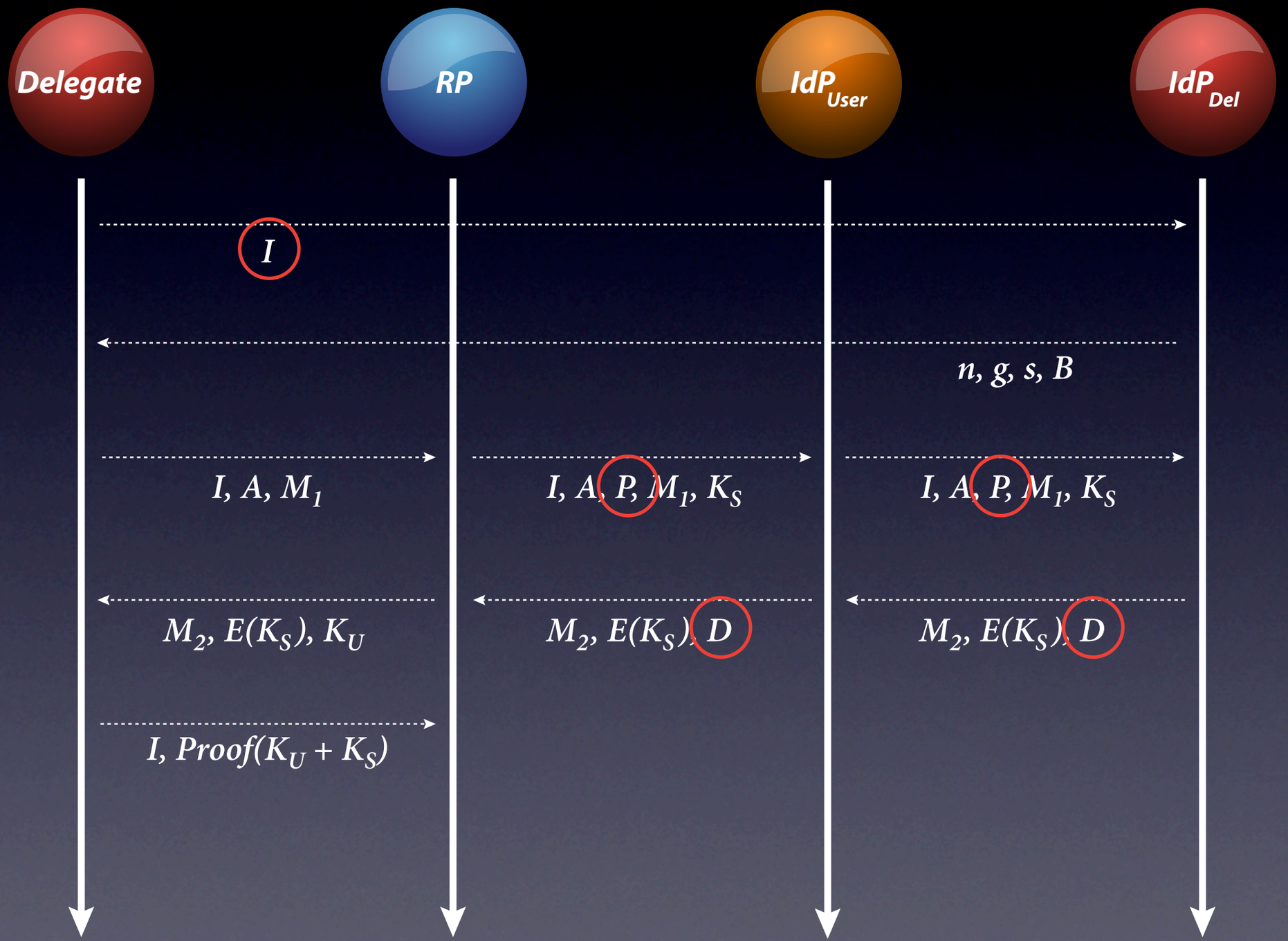
site-specific delegation models

policy enforcement

# OpenID + SimpleAuth

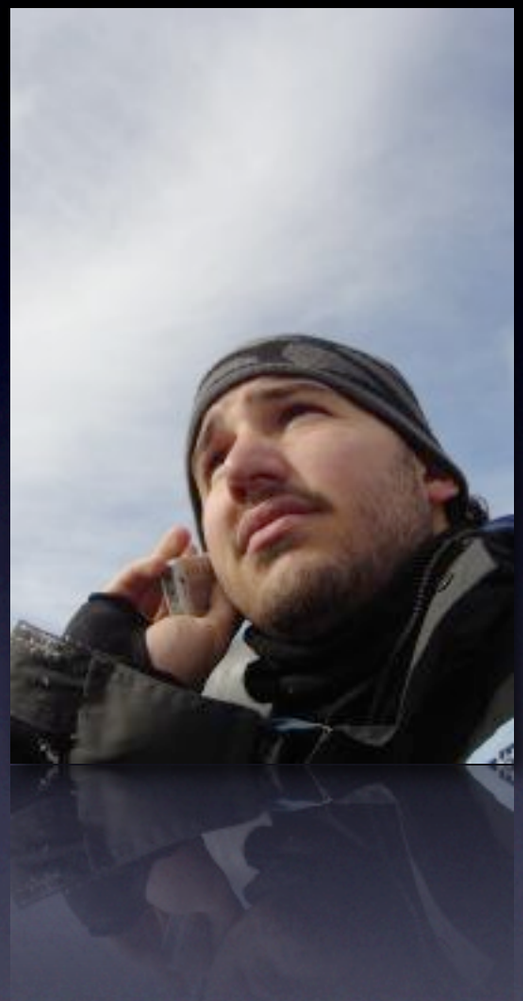


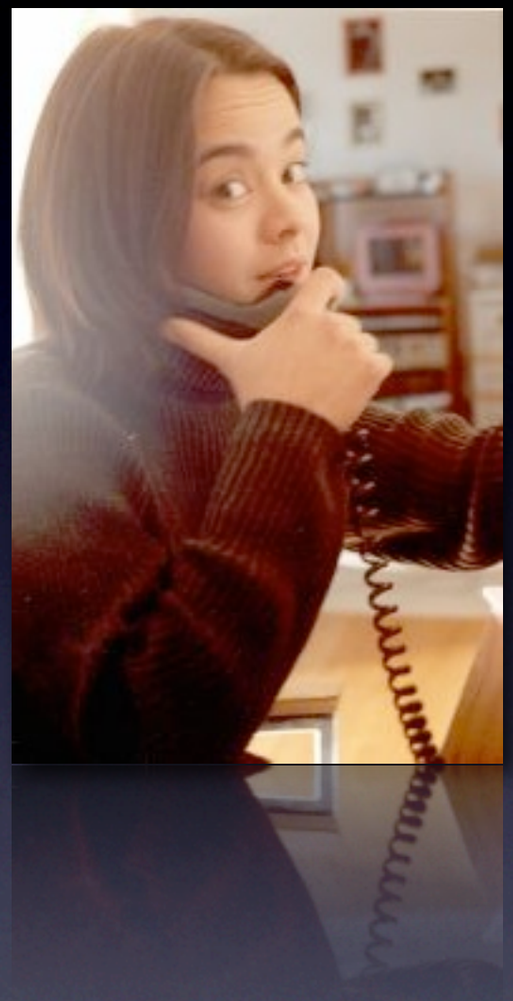
# SSRP + SimpleAuth



# use cases

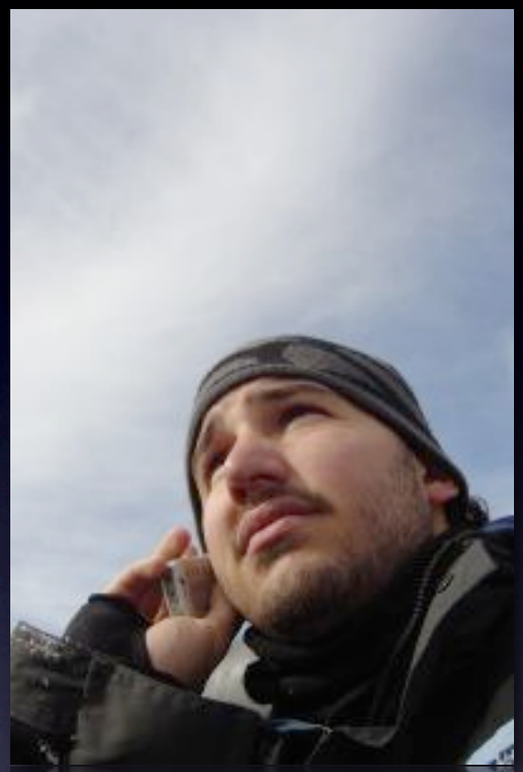
user-to-user

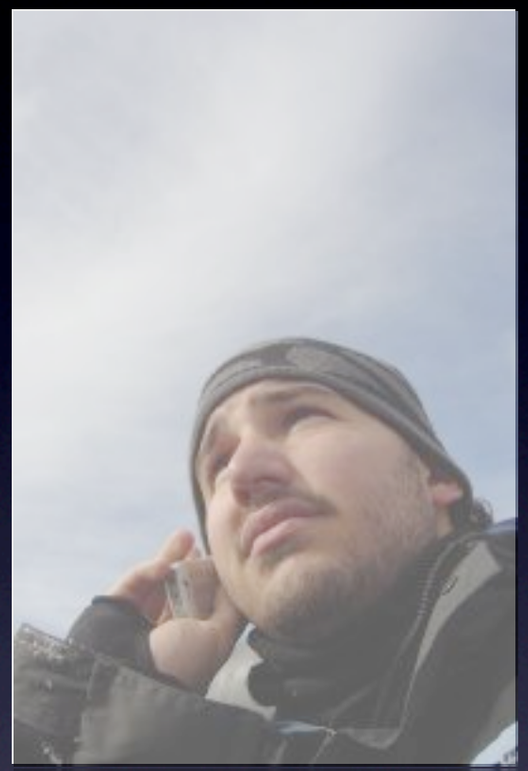


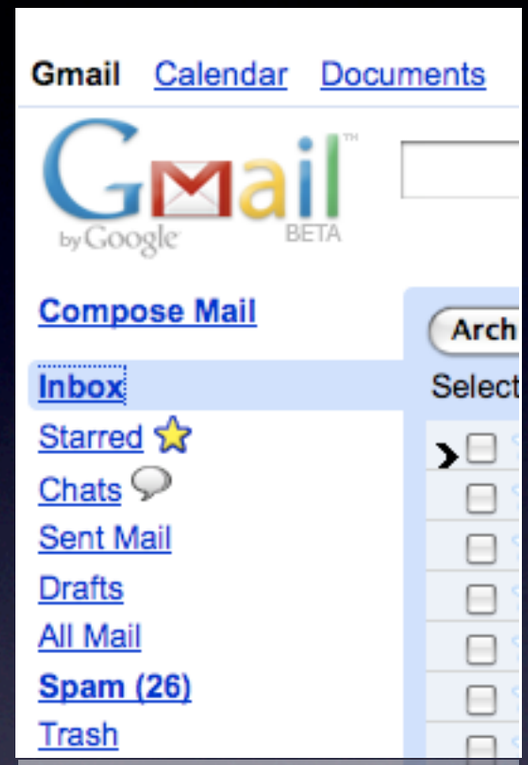


Bob selectively delegates bank account access to his secretary so she can verify and reimburse his travel expenses

# self-delegation

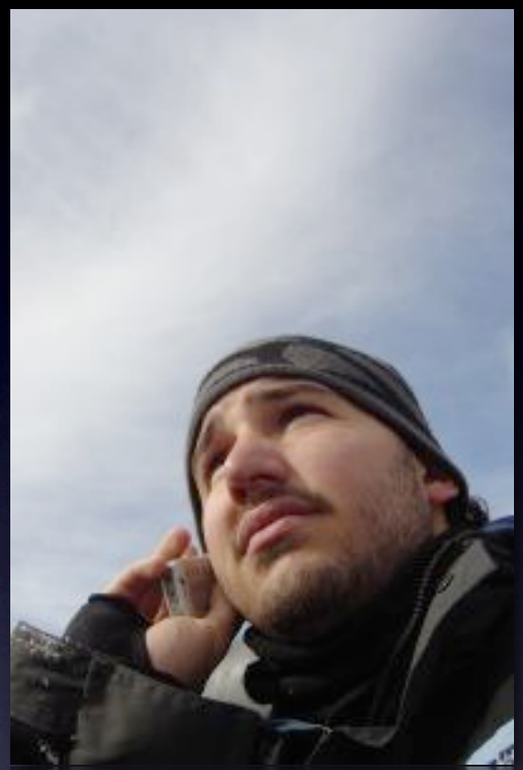


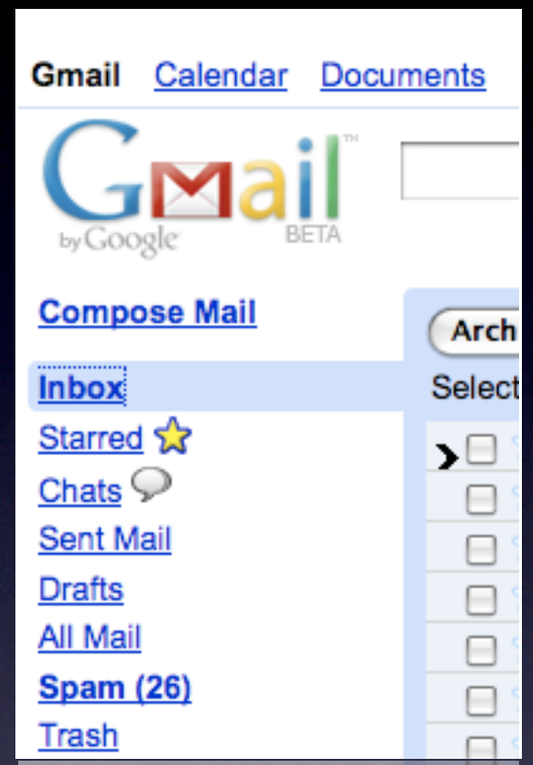





Bob delegates to a prearranged temporary pseudonym
so he can safely access his email from a cybercafe

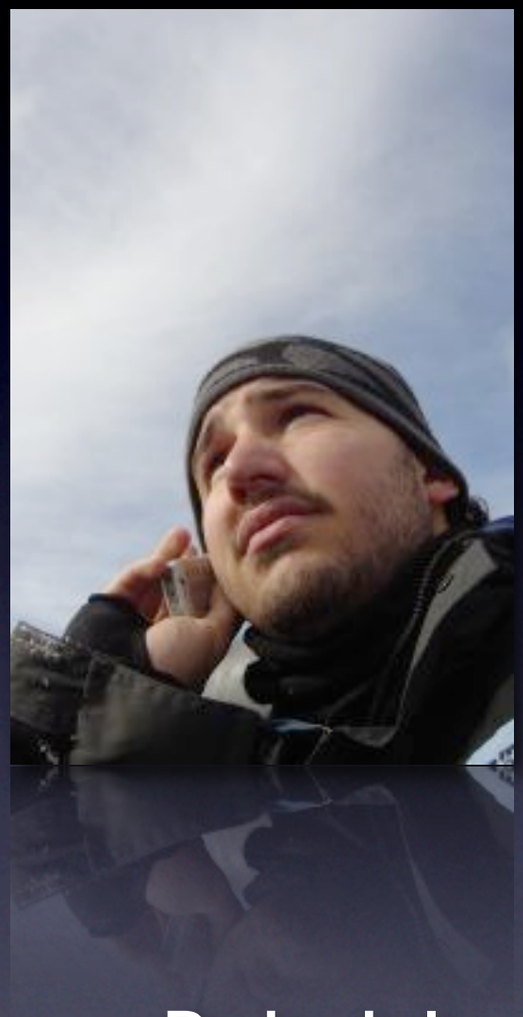
# mashups






Bob delegates one-time, read only access to a mashup so it can import his email contacts

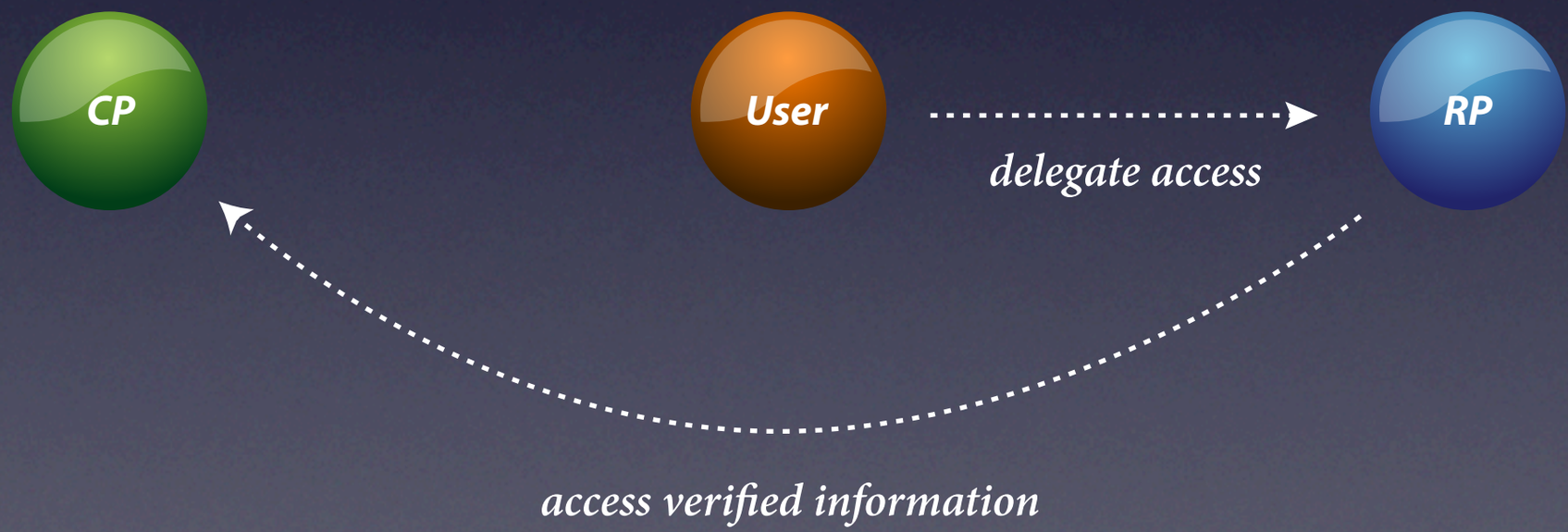
# attribute verification



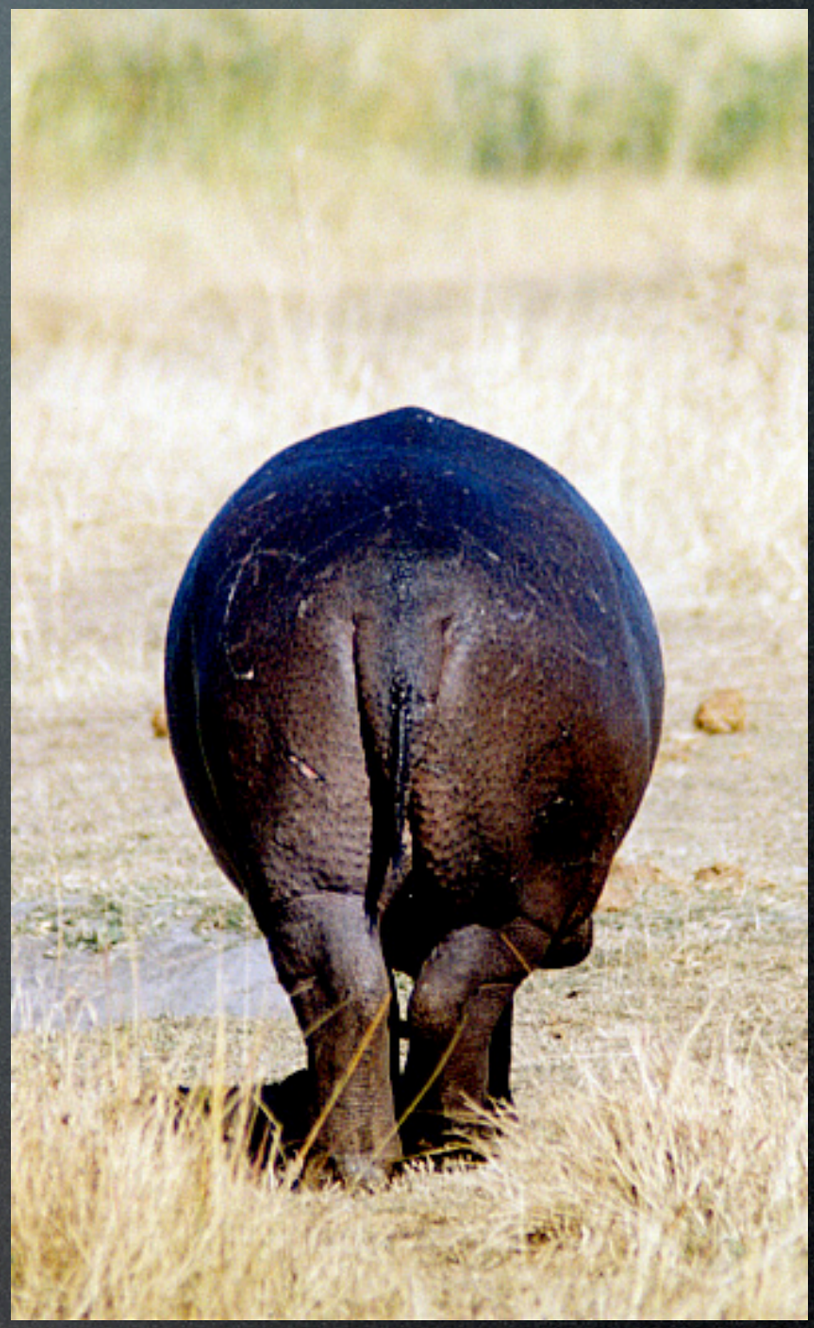
Bob delegates one-time access to his university's status verification page so he can get an educational discount

# Credential-based Verification

# BackFlip



# The End!

# Questions?

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