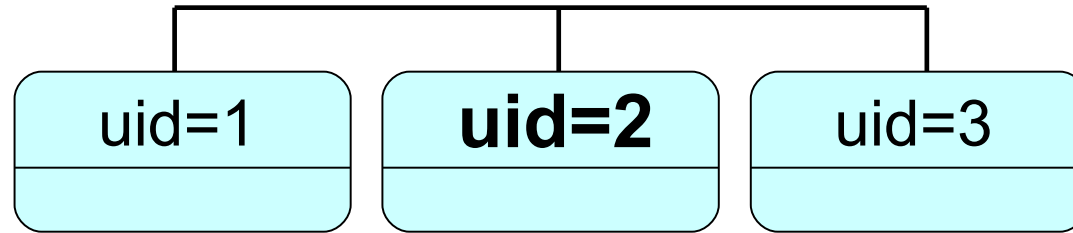


# **Your Identity Session: Future Directions in Identity Lifecycle Management**

**Mark Wahl, CISA  
Informed Control Inc.**



# Traditional Identity Lifecycle



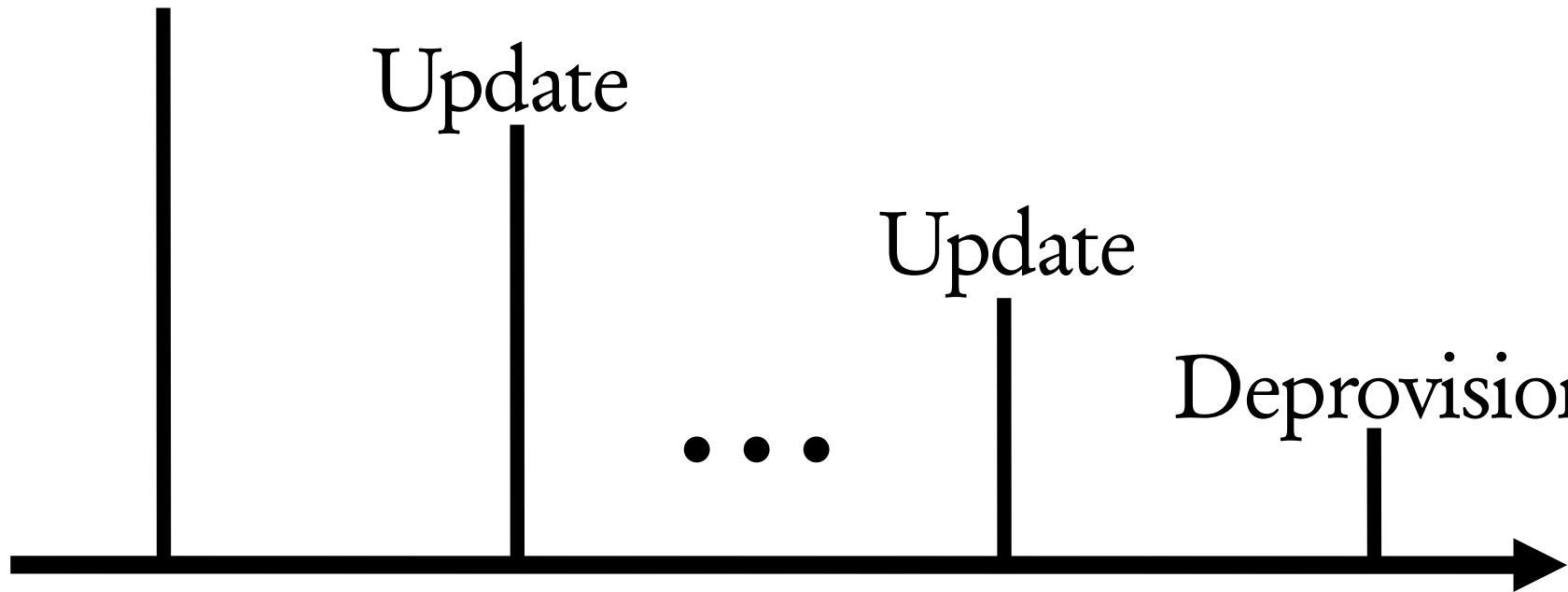
Provision

Update

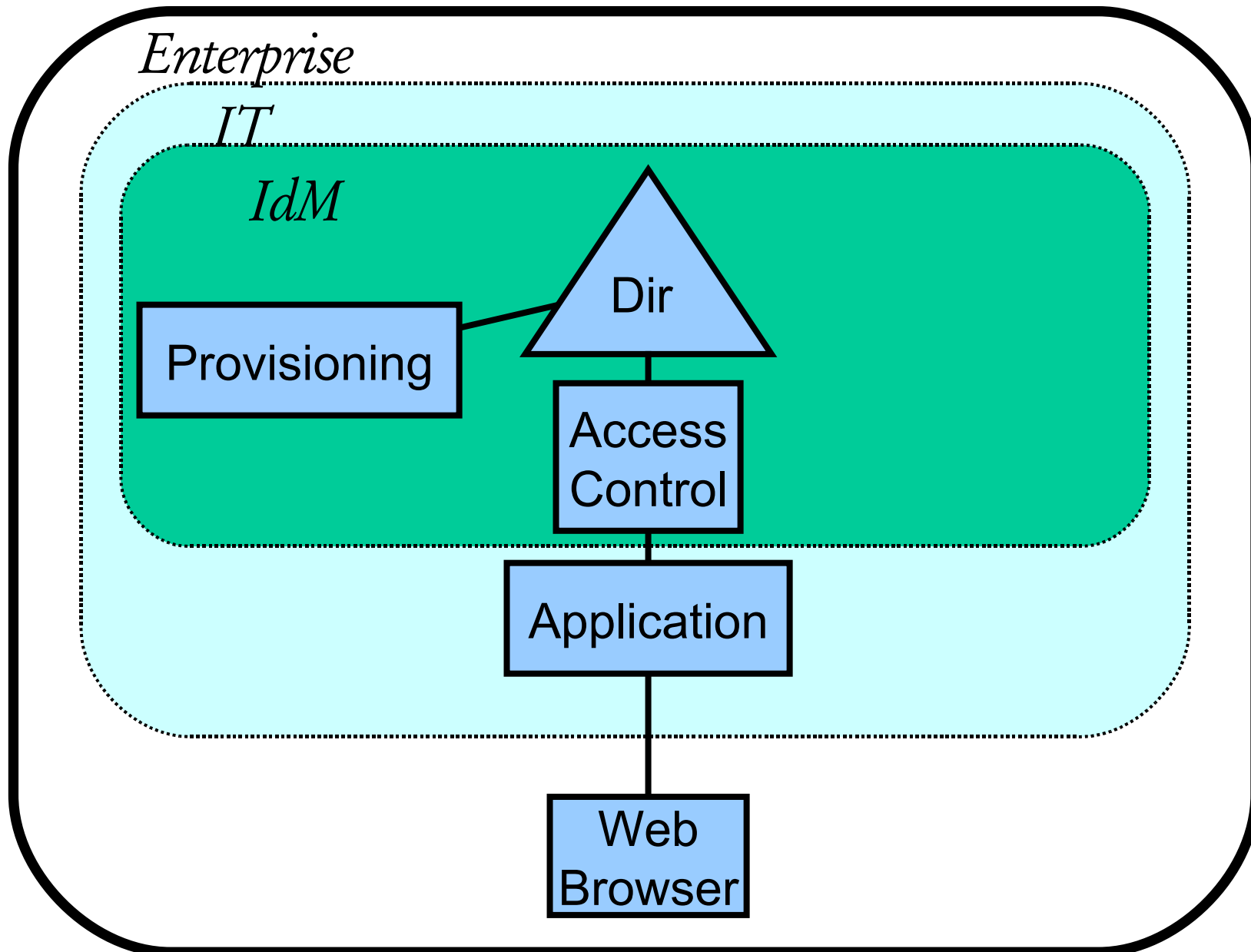
Update

Deprovision

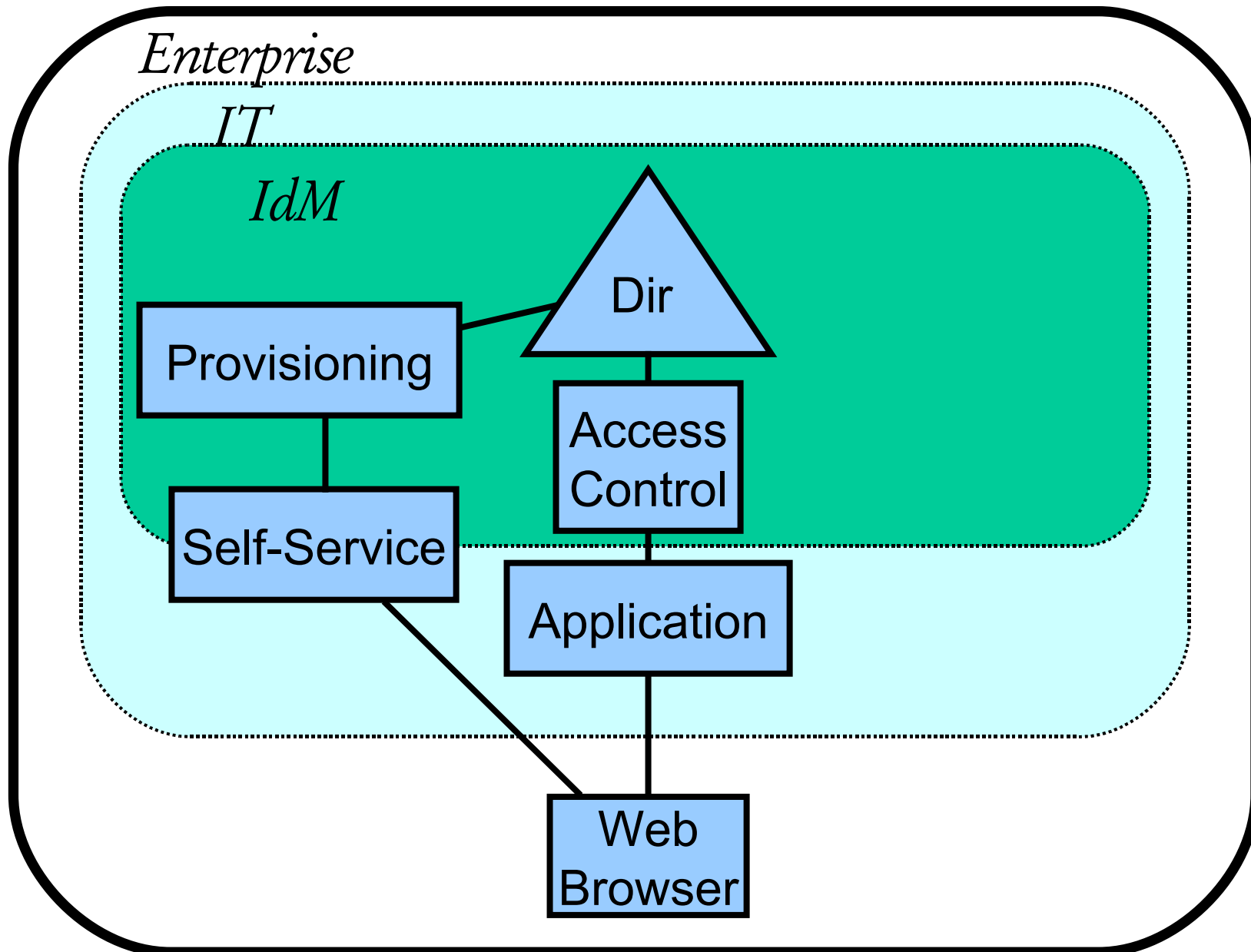
...



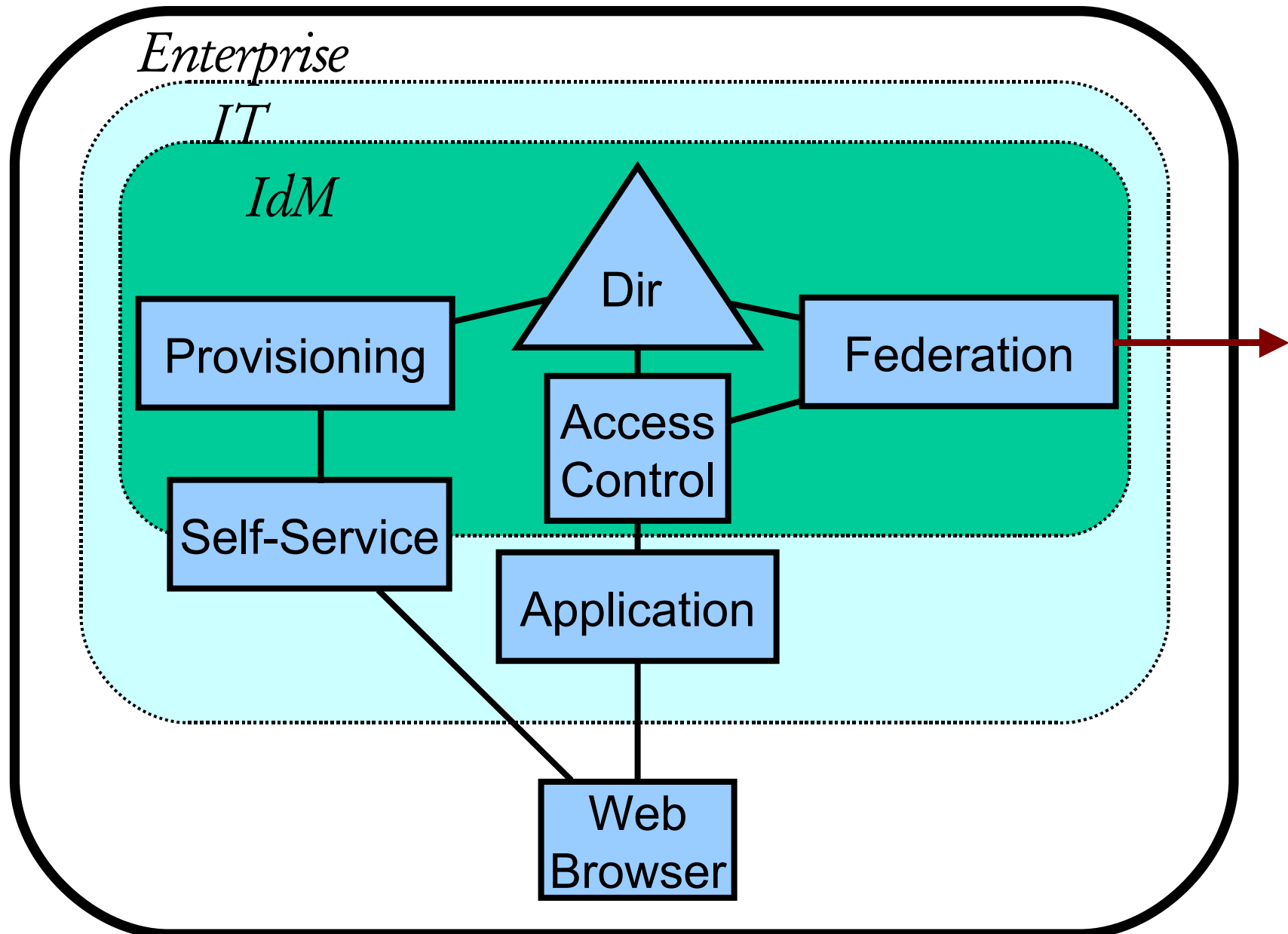
# Traditional Identity Management



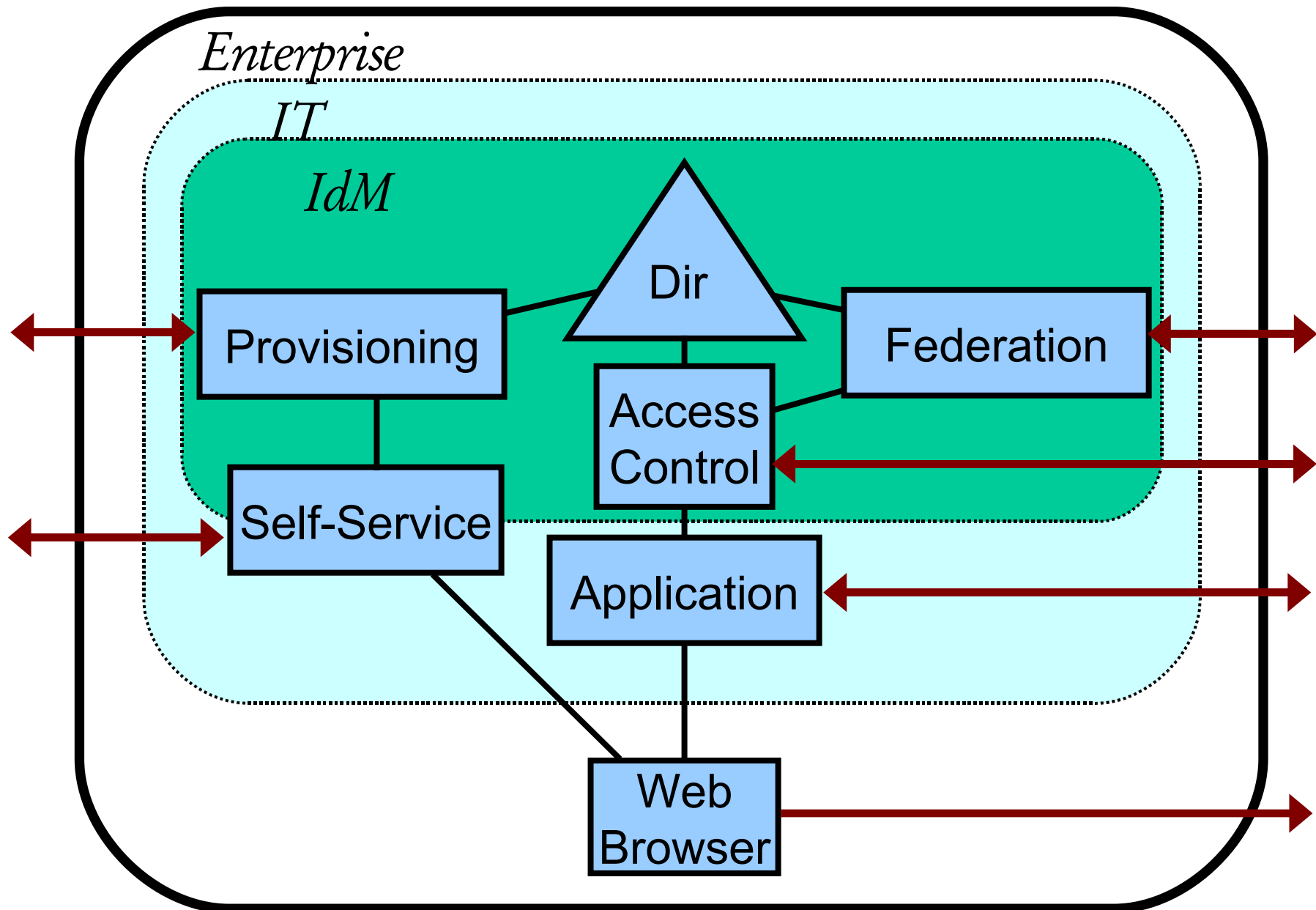
# Traditional Identity Management



# Traditional Identity Management



# Identity Crossing the Firewall



# Identity Crossing the Firewall

## Some of the Benefits for the User

- Synchronize address books
- Perform (limited) self-service post-employment
- Improved experience at partner web sites

# Identity Crossing the Firewall

## Control Implications

- Increased exposure to data loss or corruption
- Dependencies on third-party services and networks
- Revised lifecycle event and attribute definitions
- Some identity-related activity is not visible



# Moving Identity Closer to the User

## IdM Functions Migrating to the Desktop

- Autofill of password fields
- Identity selectors
- Firefox extensions

# Moving Identity Closer to the User

## Browser/Desktop Capabilities

- Provide a consistent authentication process
- Provide personal profile attribute management
- Receive real-time updates and notifications
- Maintain identity sessions across sites

# Moving Identity Closer to the User

## Control Implications

- Confidentiality, Integrity and Availability of desktop-maintained identity services
- Auditability of decisions made on the desktop
- Reliance by applications on self-asserted attributes

# Interpersonal Identity in the Enterprise

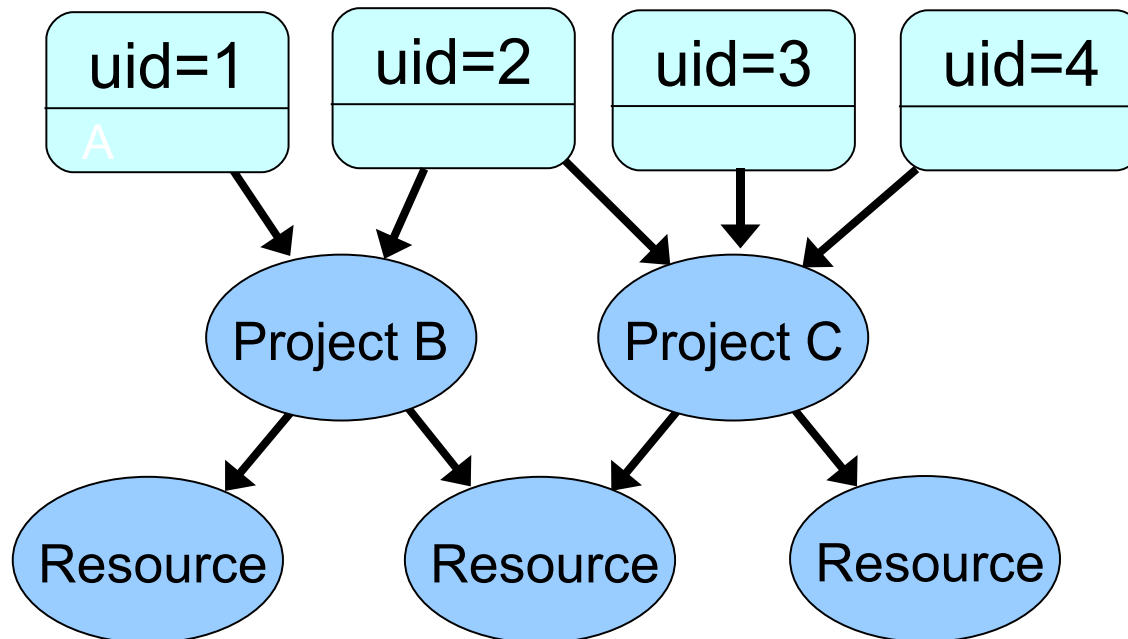
## Maintain Identity for the User Community

- In support of group dynamics
  - Participant roles
  - Data access rights
- In support of discovery
  - Reputations
  - Portfolios
  - Organizational structures

# Interpersonal Identity in the Enterprise

## Project Lifecycle Provisioning

- User-defined and self-provisioned projects
- Identity sessions encompass shared state
- Completed projects archived to user portfolios



# Interpersonal Identity in the Enterprise

## Control Implications

- New models of delegation and fine-grain controls
- Membership and access checks decentralized
- Increased volume of identity lifecycle attributes

# Conclusions

## Trends

- More identity services traverse the firewall
  - IdM moves closer to the desktop
  - Enterprise IdM incorporates interpersonal identity
- 
- For more information  
<http://www.informed-control.com/2/resources/bg.shtml>