



# Serviceverbund Kommunikation, Information, Medien – KIM

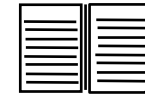


## Verwaltung

### LSF

- speter
- S. Peter
- 01/137246
- Student
- 3. Fachsemester

## Bibliothek







- 01/137246
- Struwel Peter
- speter@web.de
- Student

## Rechenzentrum



- struwwel.peter
- Struwwel Peter
- struwwel.peter@uni-konstanz.de
- 3677
- Student



-  **Inkonsistenzen**
-  **manuelle Datenpflege Pflege in jedem System**
-  **unterschiedliche Namenskonventionen**
-  **Single Sign On**



## Digitale Identität wird beschrieben durch Attribute

- Nutzerkennung
- Passwort
- Vorname
- Nachname
- Organisatorische Zugehörigkeit
- Telefonnummer



## Problem der „multiplen“ digitalen Identitäten

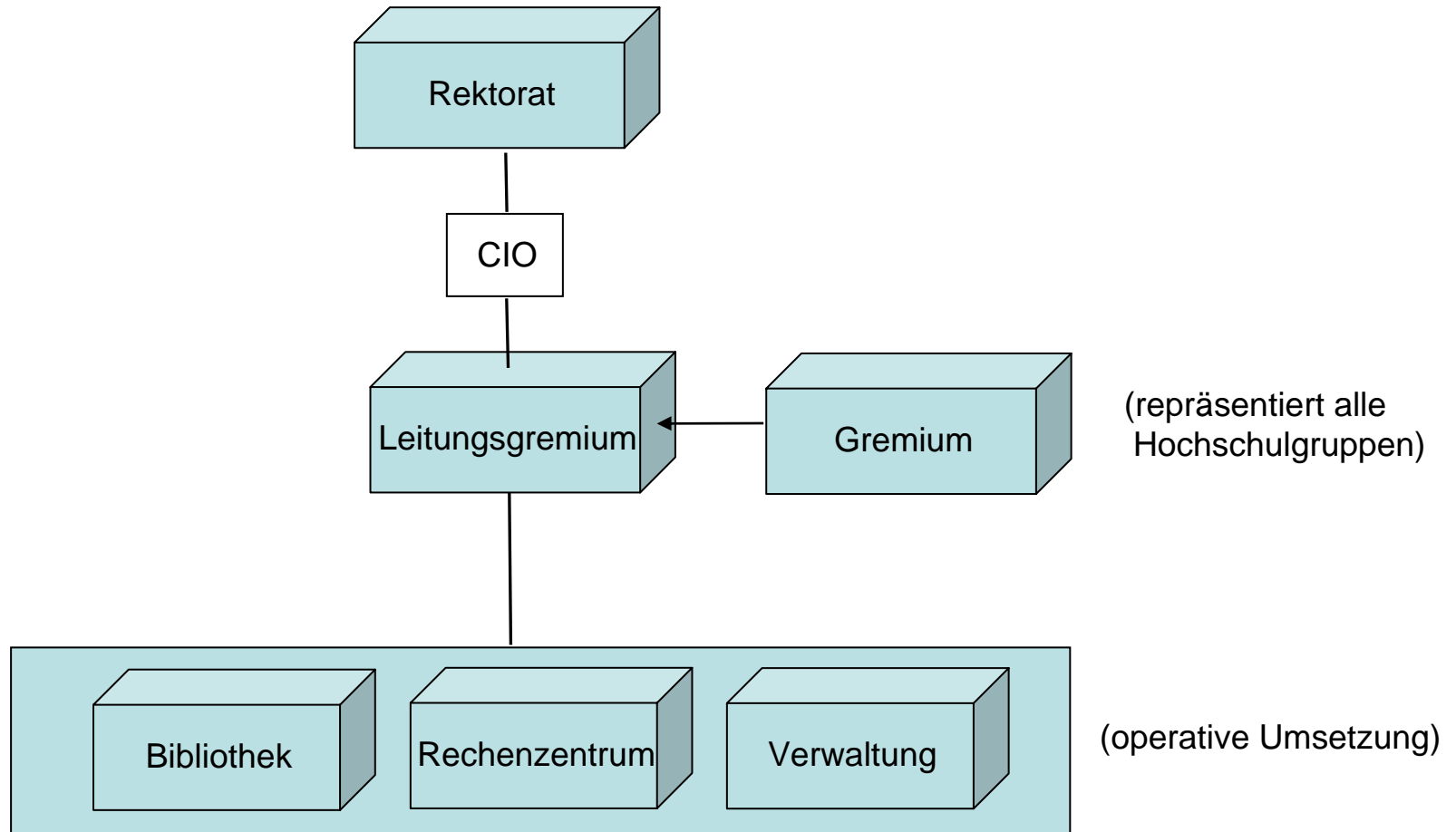




## **Digitale Identität wird benötigt für**

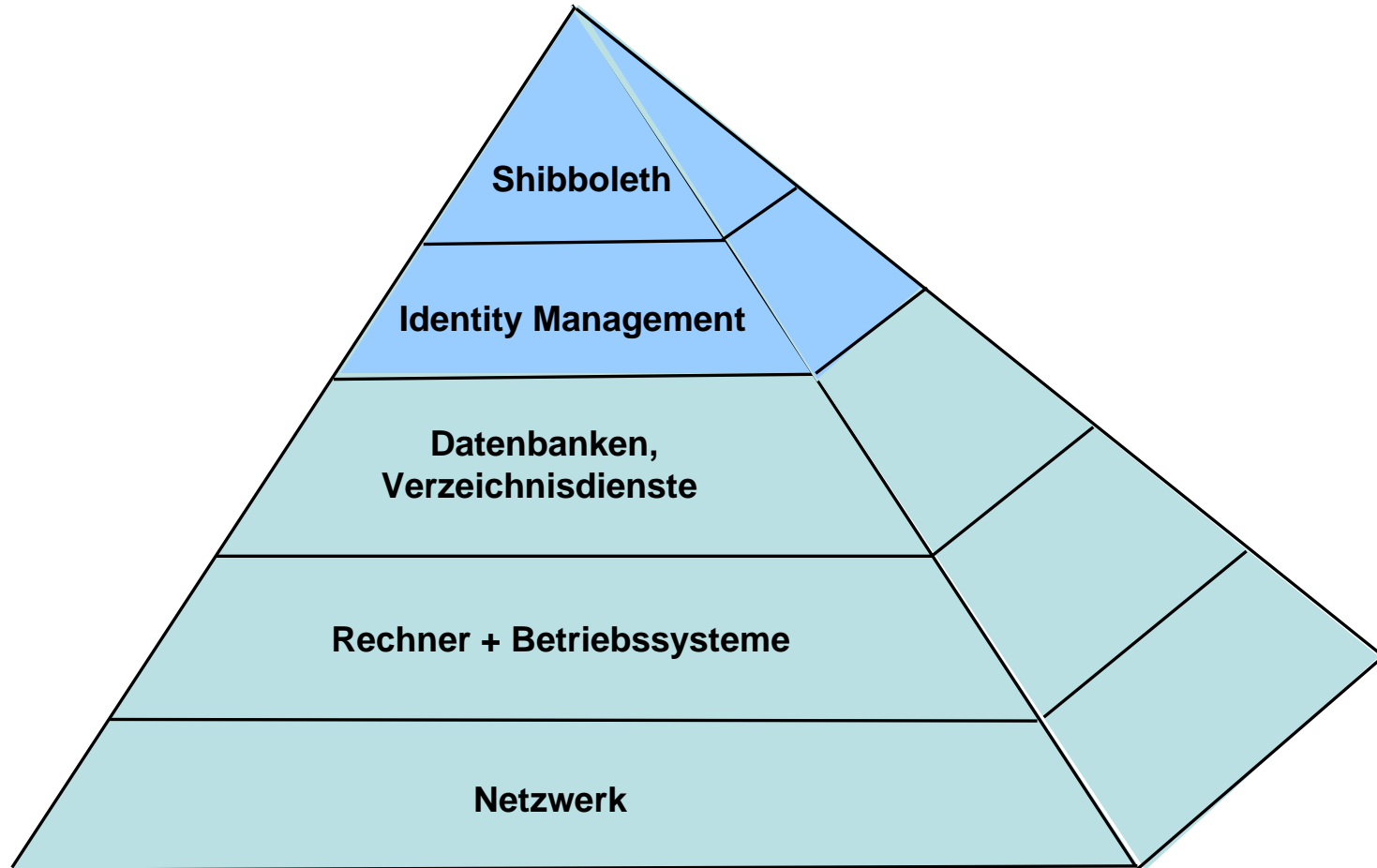
- Authentifizierung
- Autorisierung
- Personalisierung von Diensten

## Organisatorische Voraussetzungen





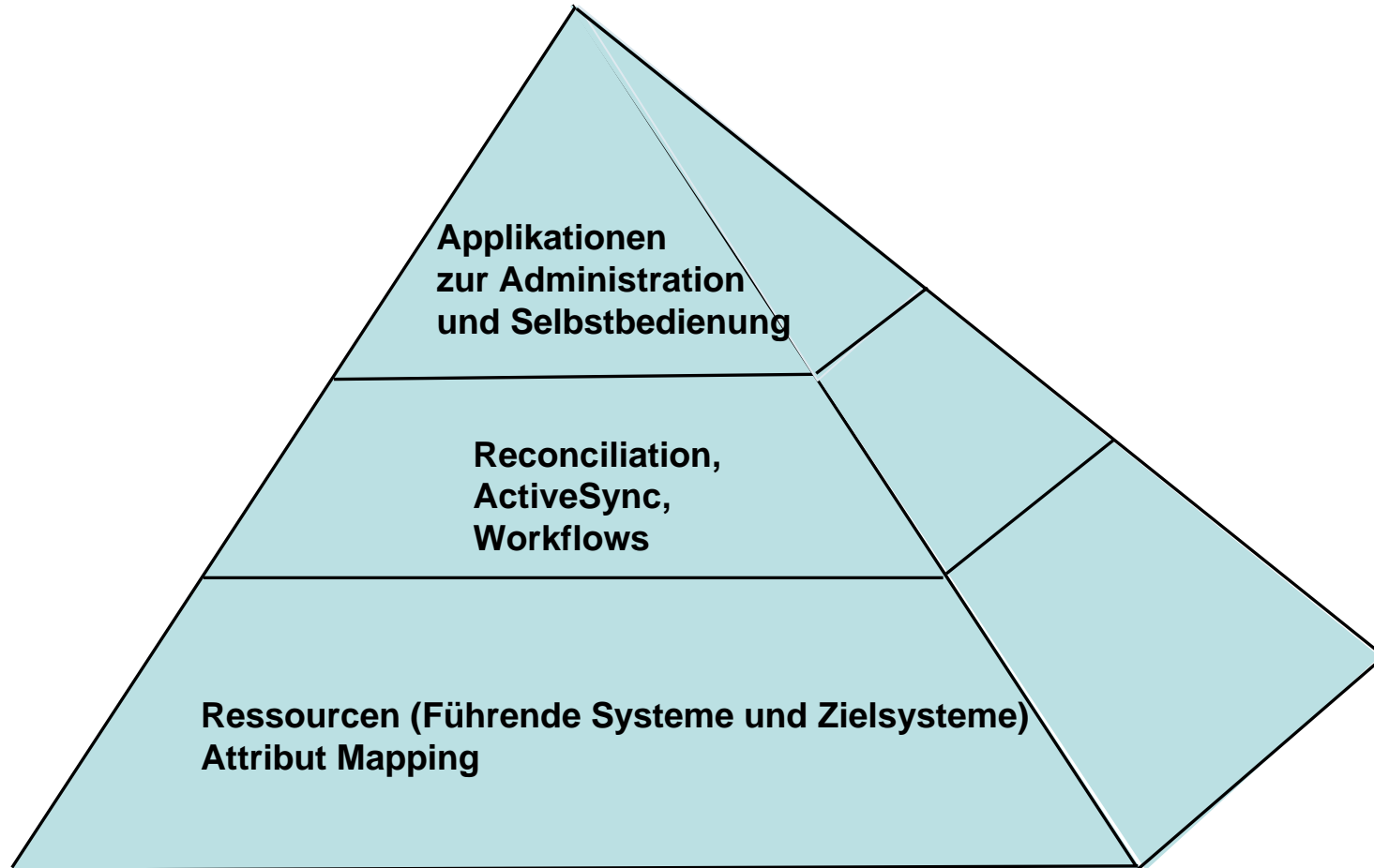
## IT-Infrastruktur





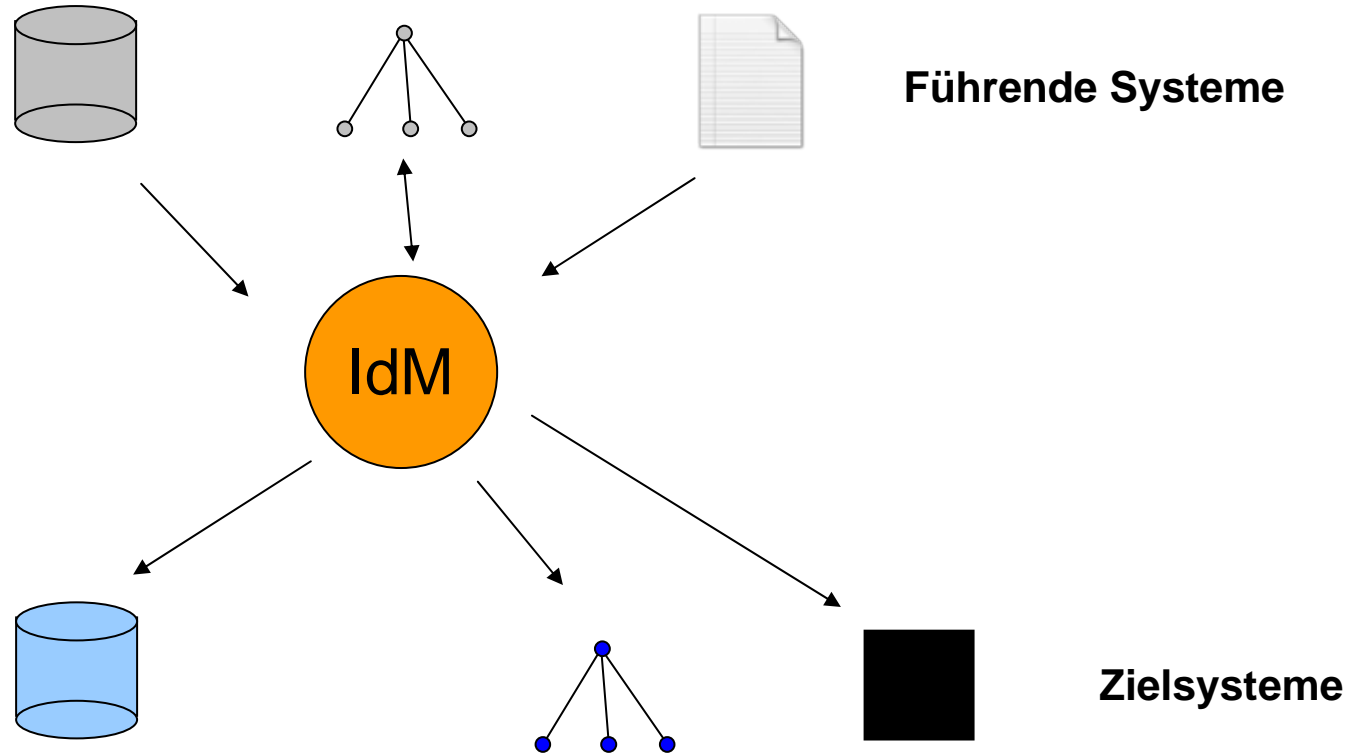


# Identity Management



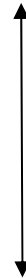
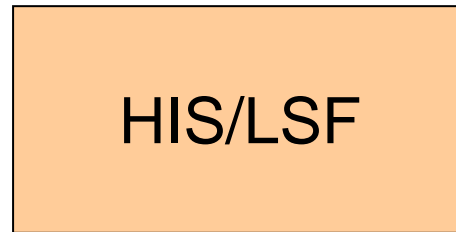


## Datenflüsse

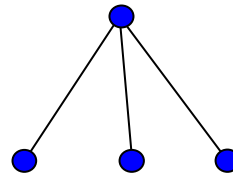




Web Applikation



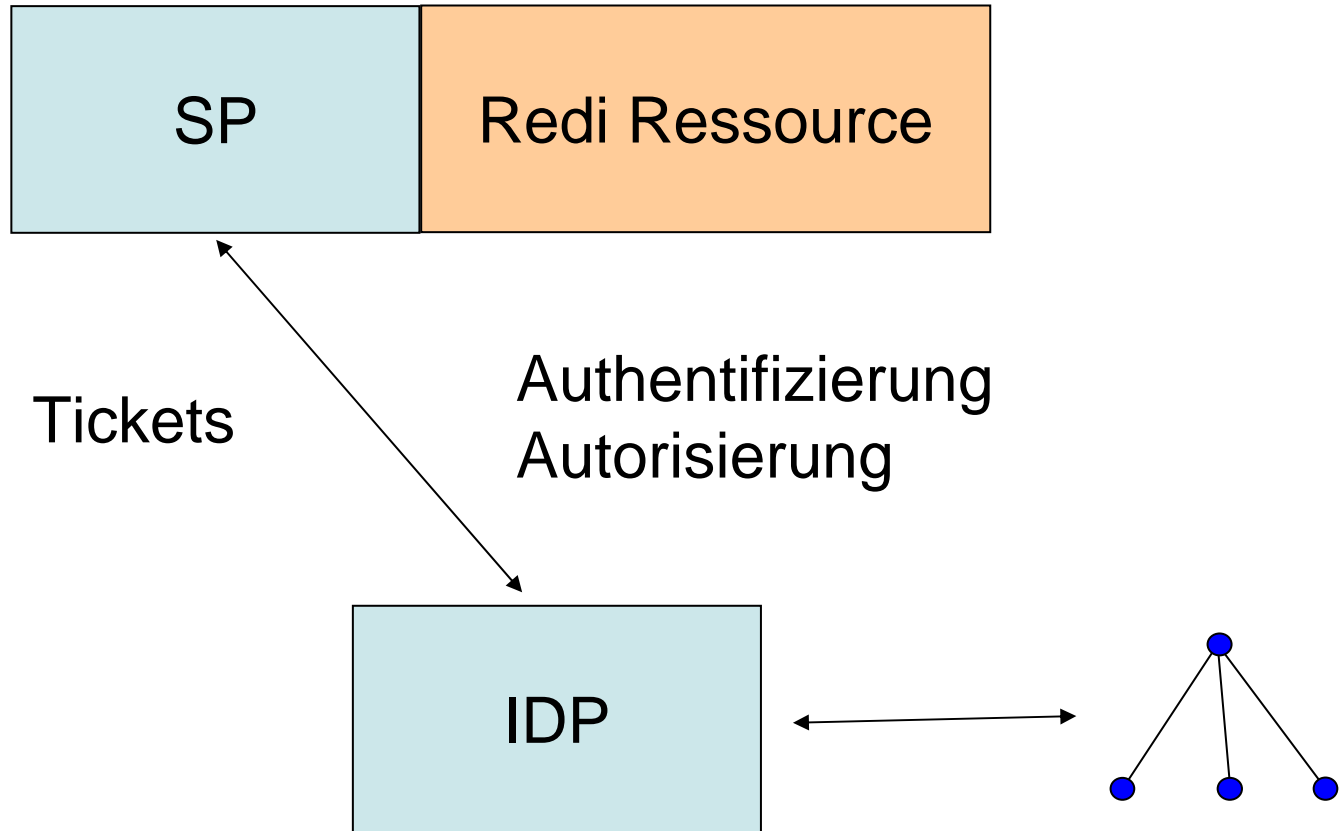
Authentifizierung  
Autorisierung



LDAP

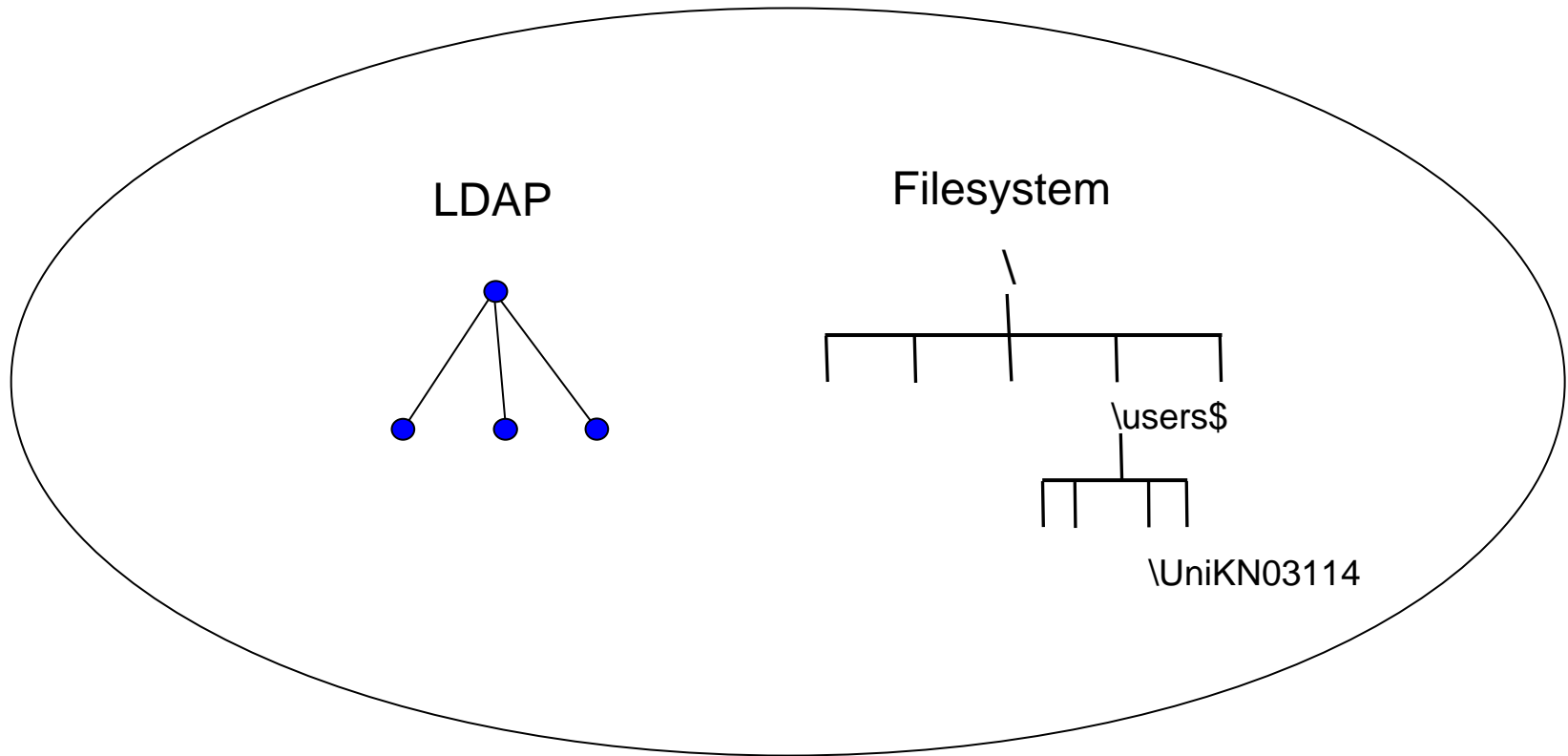


# Web Applikation „shibbolethisiert“





# Terminal Server



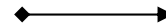


## Attribut Mapping

### Führendes System

### IDM

accountid@HIS



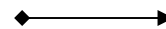
accountid

Vorname



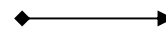
firstname

Nachname



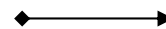
lastname

Vorname+“ “+Nachname



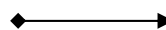
fullname

Institut



organization

Email



email



## Attribut Mapping

### IDM

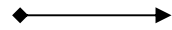
### Zielsystem (LDAP)

accountid



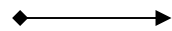
cn=accountid,dc=unikn@openldap

firstname



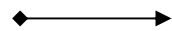
givenname

lastname



sn

fullname



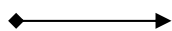
displayname

organization



ou

email



mail

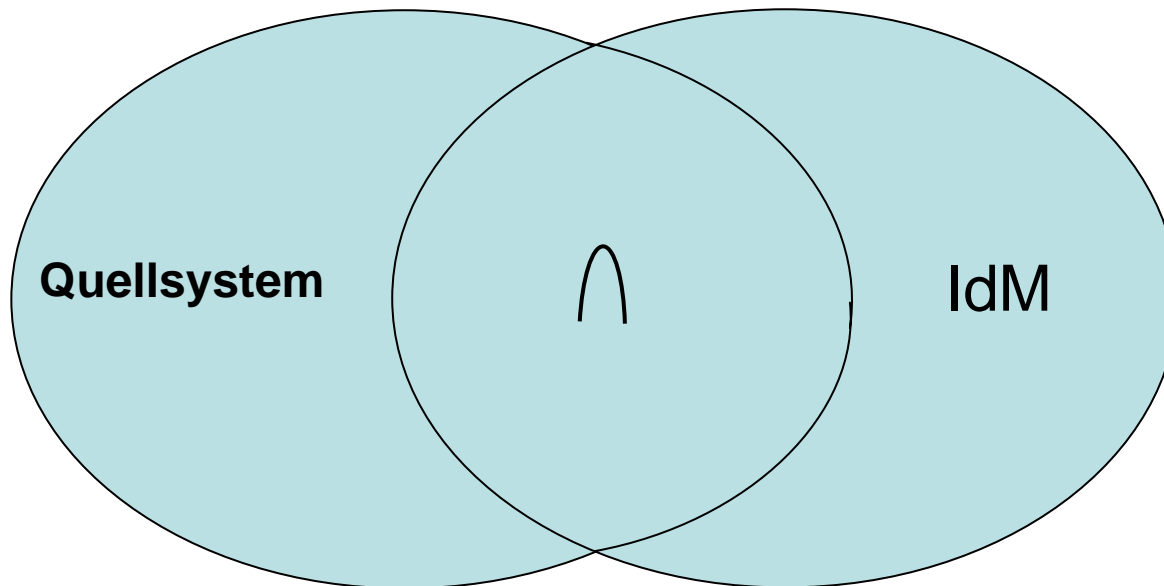


# Synchronisationsmechanismen



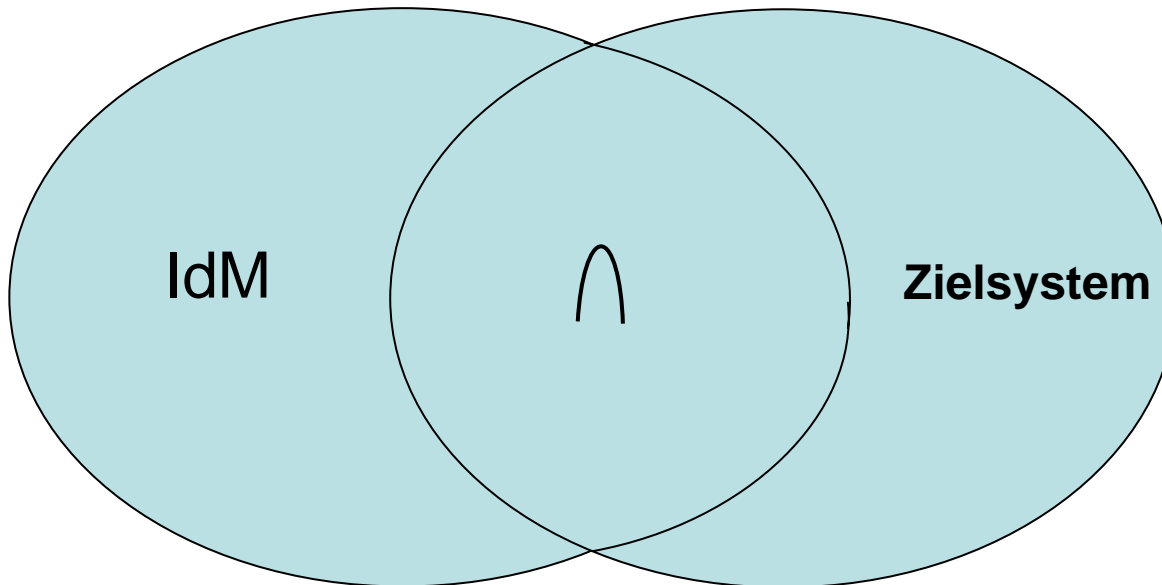


## Reconciliation (Batch Jobs)





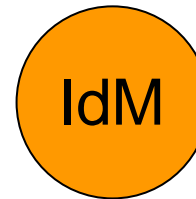
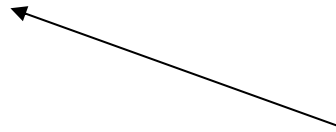
## Reconciliation (Batch Jobs)





## Active Sync

Führendes System





## Portale und IdM

- Know-How von Portalsoftware vorhanden
- Investitionen sind bereits getätigt

**Mailweiterleitung**

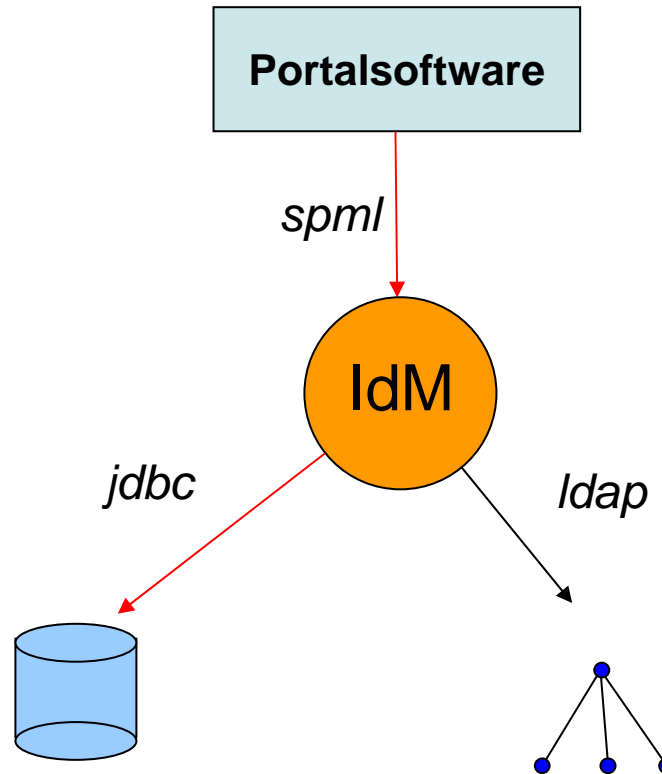
Weiterleitung nach:

Mailkopien aufbewahren  Keine Kopie

**Passwortänderung**

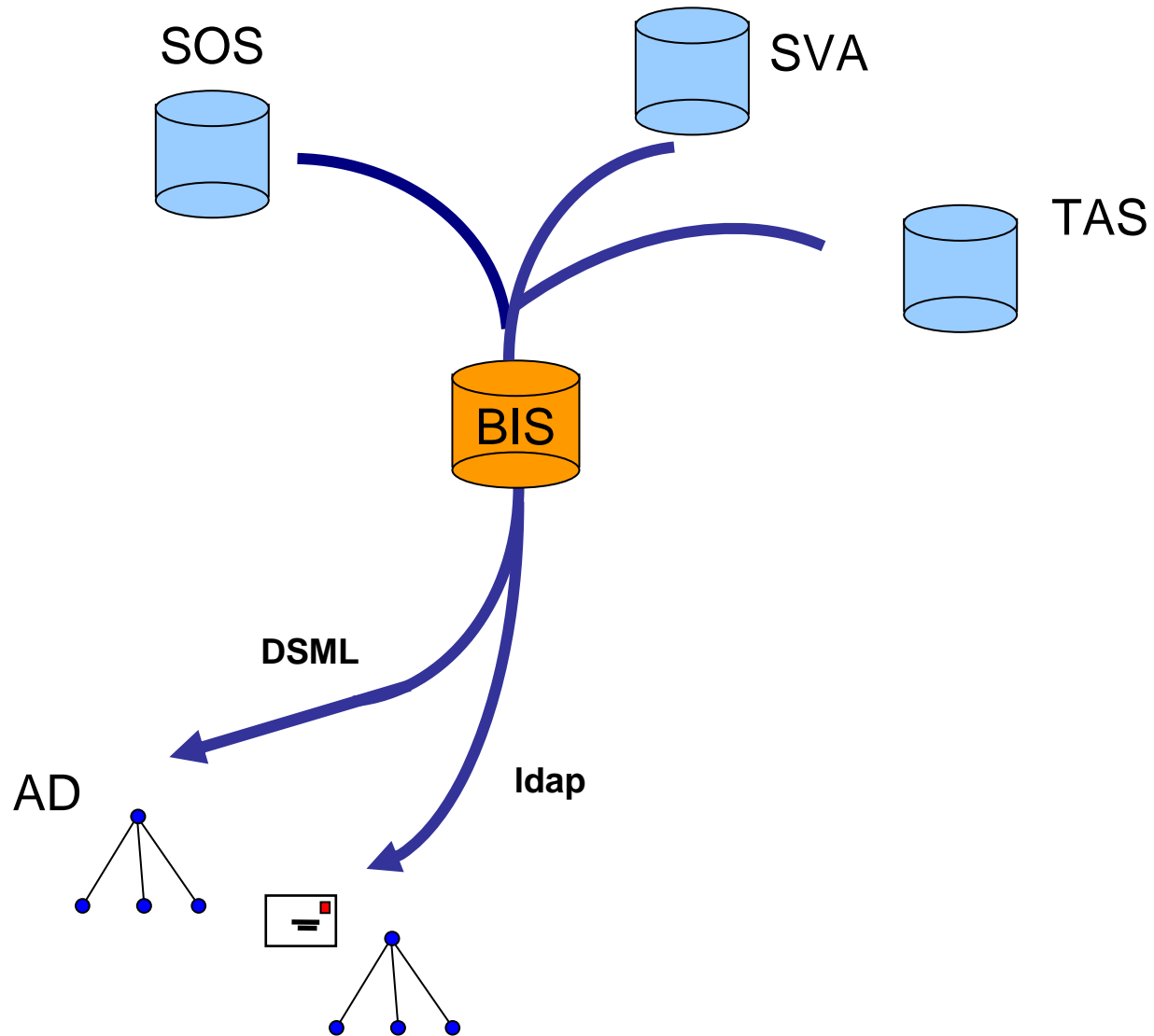
Neues Passwort bestätigen:

Altes Passwort eingeben:





# Uni KN









# BIS das „legacy“ IdM der Uni Konstanz

- Übernahme der Daten aus HIS mithilfe von Batch-Jobs (scp, sqlload, plsqli)
- rollenbasierte Administrations-Masken (plsqli)
- Selfservice-Masken für Urlaubsbenachrichtigung, Passwort-Änderung, etc. (früher plsqli inzwischen JSF)





-  **15000 Zeilen Code**
-  **Abhängigkeit von einer Person**
-  **veraltet ca. 10 Jahre**
-  **Zeitaufwand**



## Fazit

**Anzahl Zeilen Code im IDM**

**<**

**10% Anzahl Zeilen Code von BIS**

Skripte auf Windowsseite nicht eingerechnet