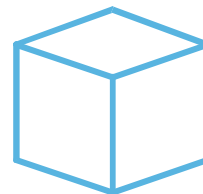


Identity Management

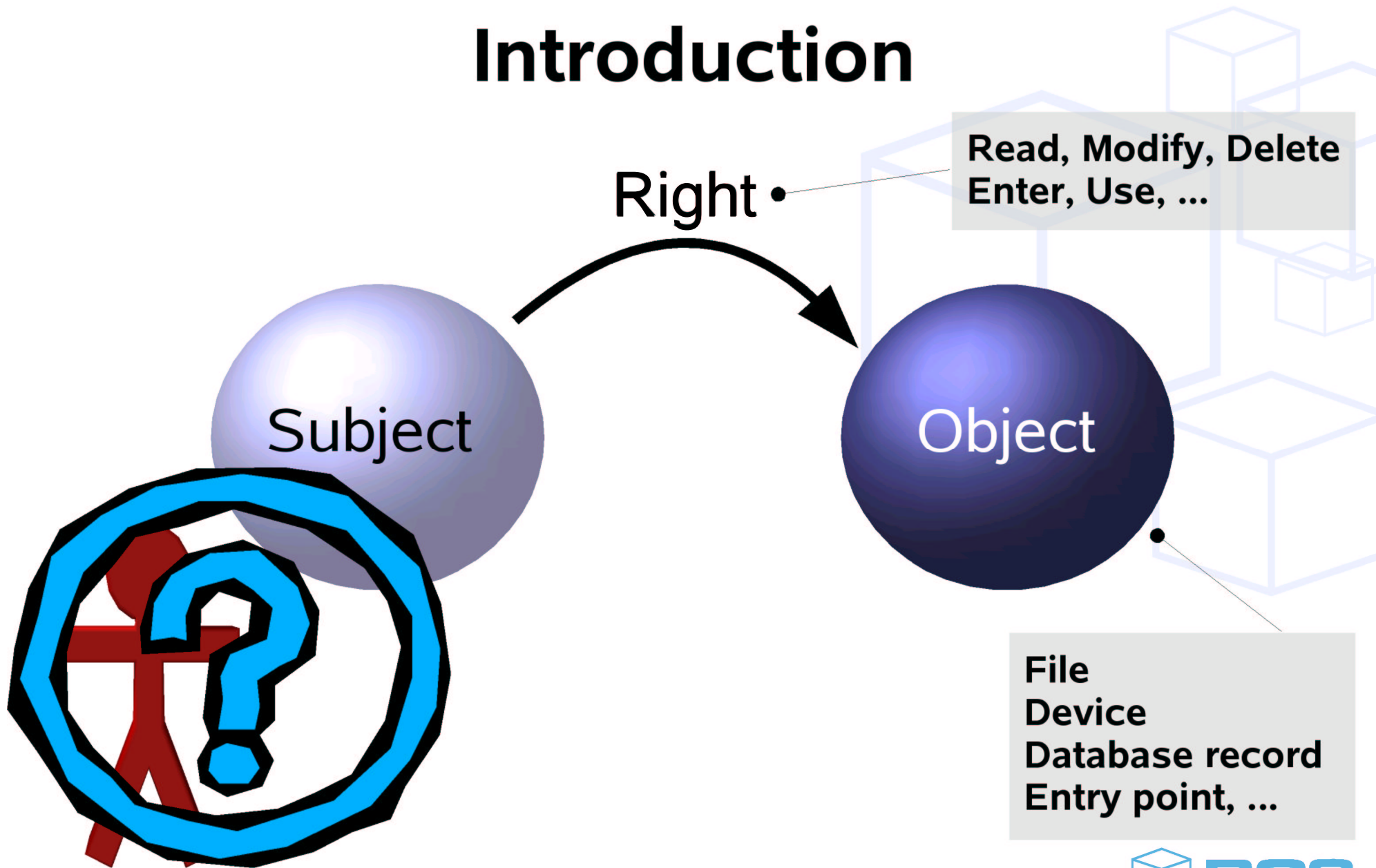
Ing. Radovan Semančík



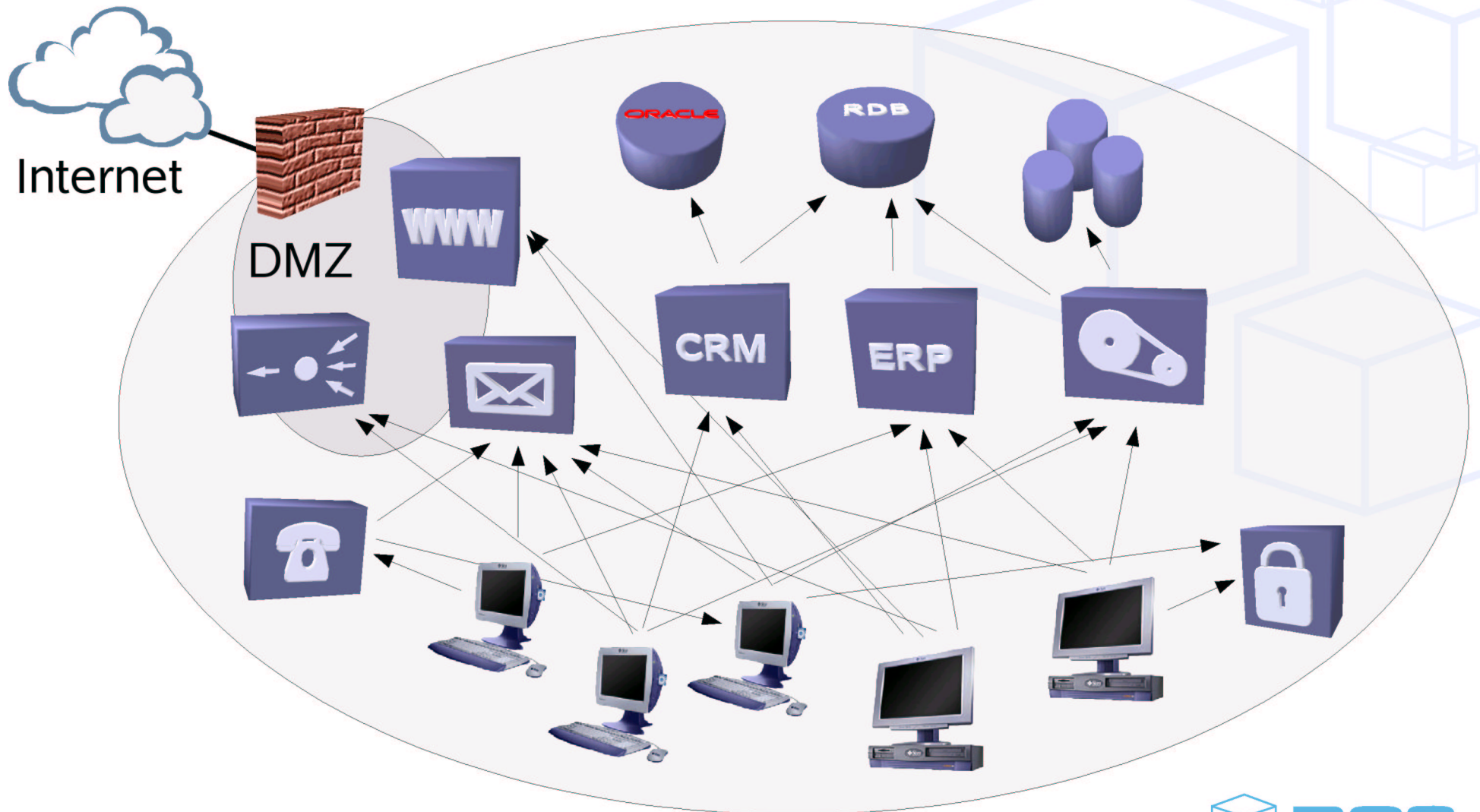
BGS

Business Global Systems

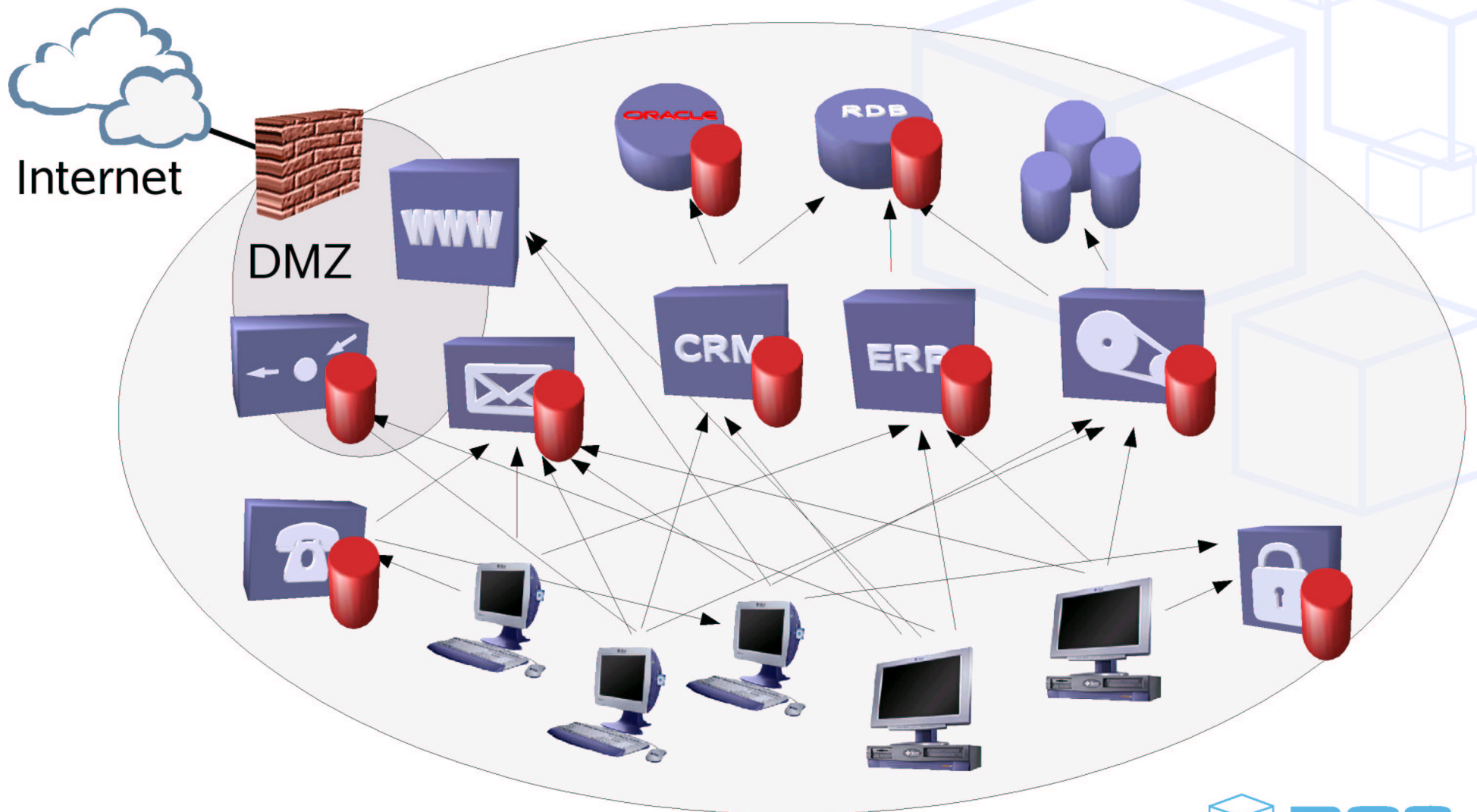
Introduction



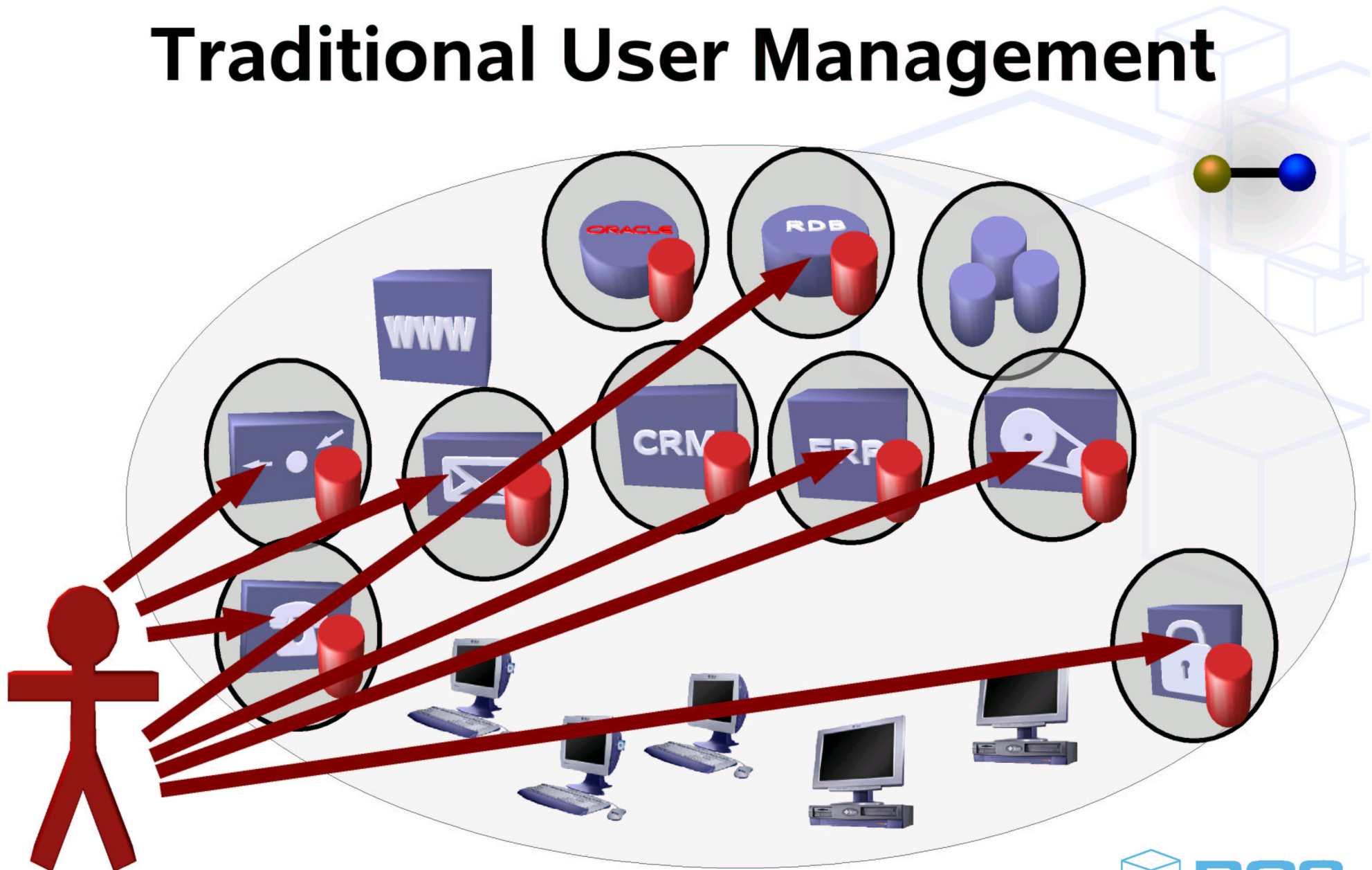
Enterprise Network



User Databases



Traditional User Management

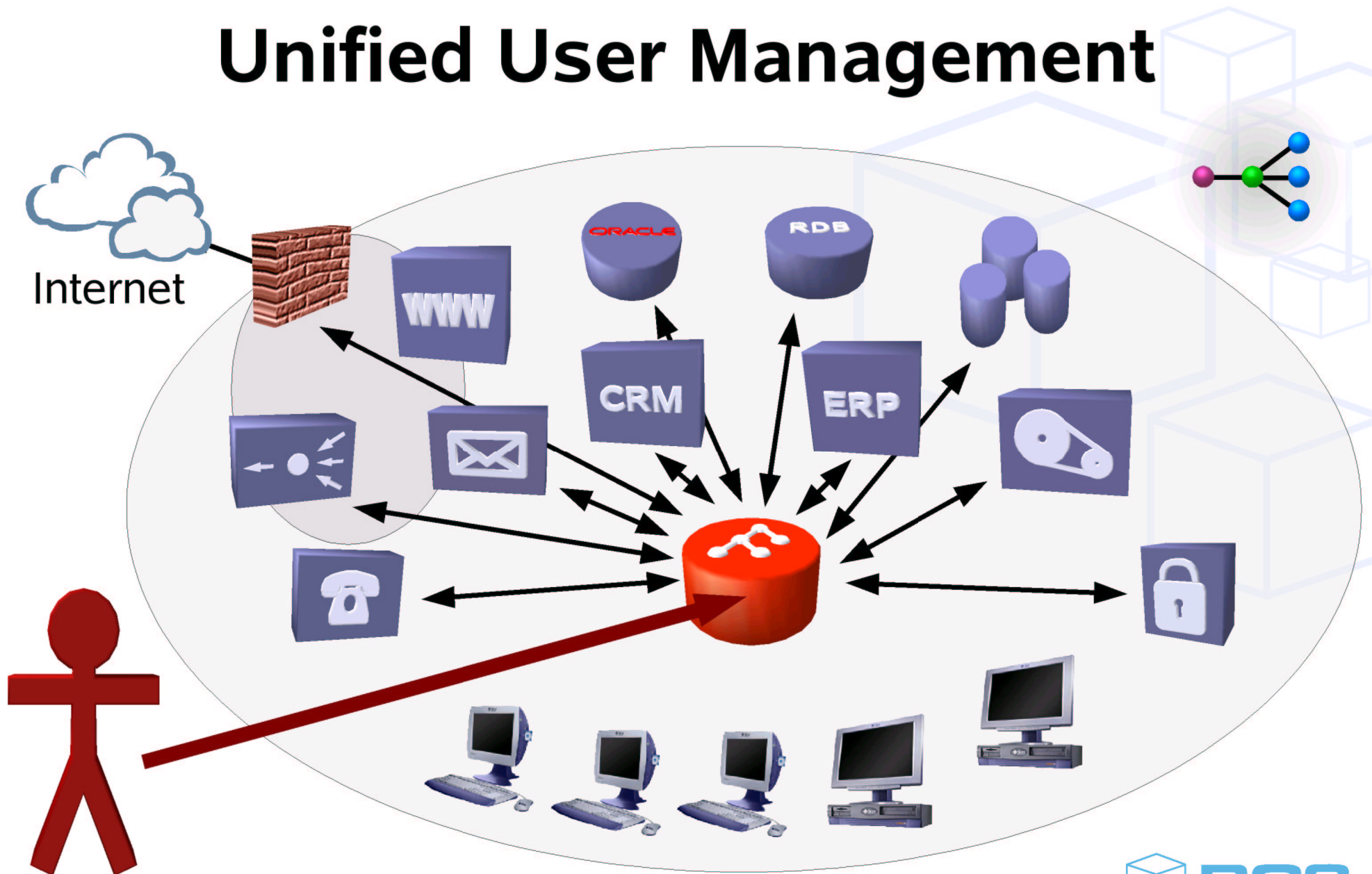


Identity Management

User Management Problems

- Many user database instances
 - Inconsistency (semancik, rsemancik, rse, semancikr)
 - Low interoperability (SQL, Files, GDBM, ...)
 - Delete user / revoke rights problem
- Access Rights Management
 - What access rights does user 'foo' have?
 - Rights profiles & roles – limited
- High TCO
 - High administration level (admin for each DB)
 - High operational overhead (add user, delete user)

Unified User Management



Identity Management



LDAP Diectory Service

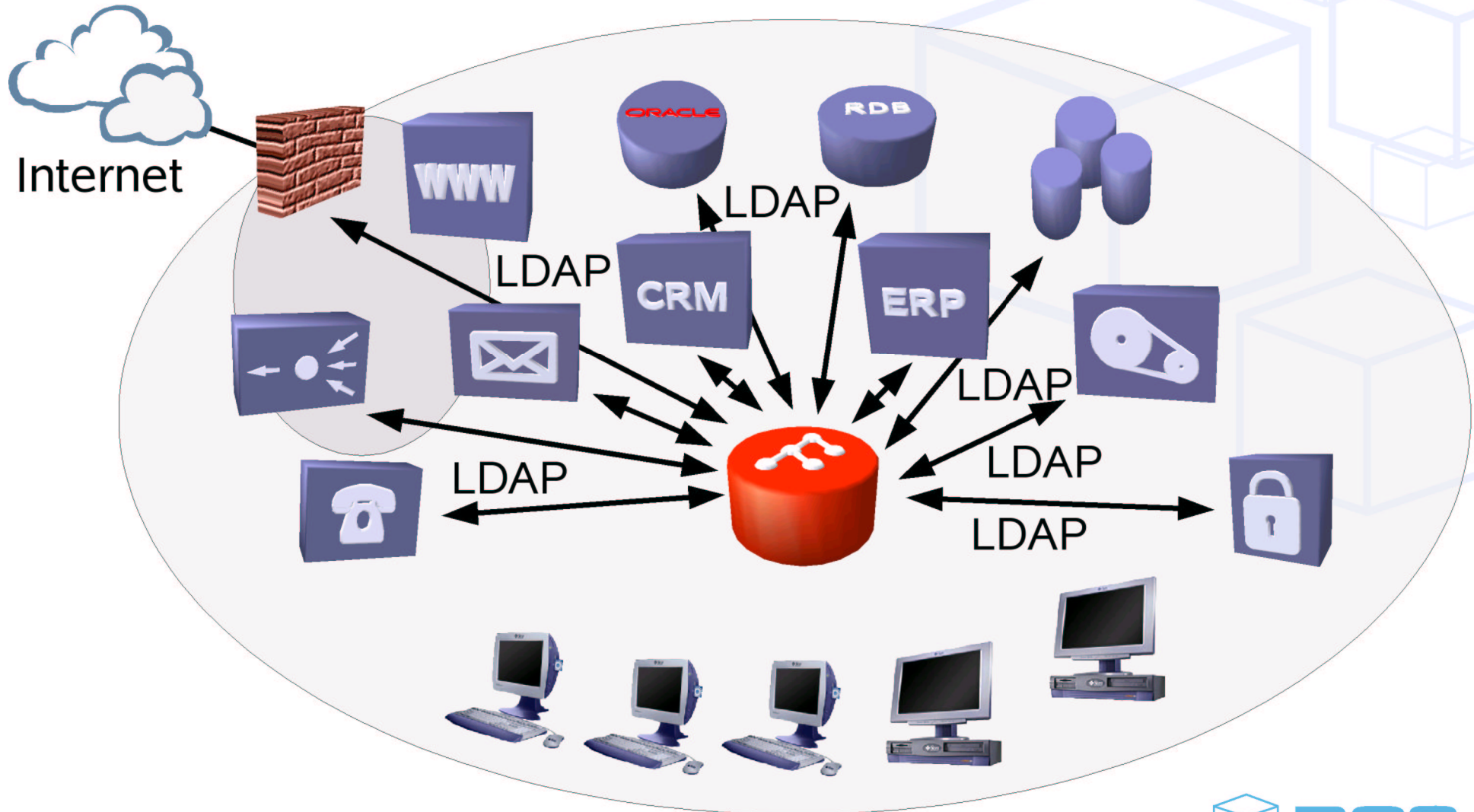
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cn=Radovan Semančík
sn=Semančík
title=Senior Project Manager
telephoneNumber=+421 2 49100100
preferredLanguage=en
mail=semancik@bgs.sk
bgsRole=projectManager
bgsRole=divisionManager
jpegPhoto=

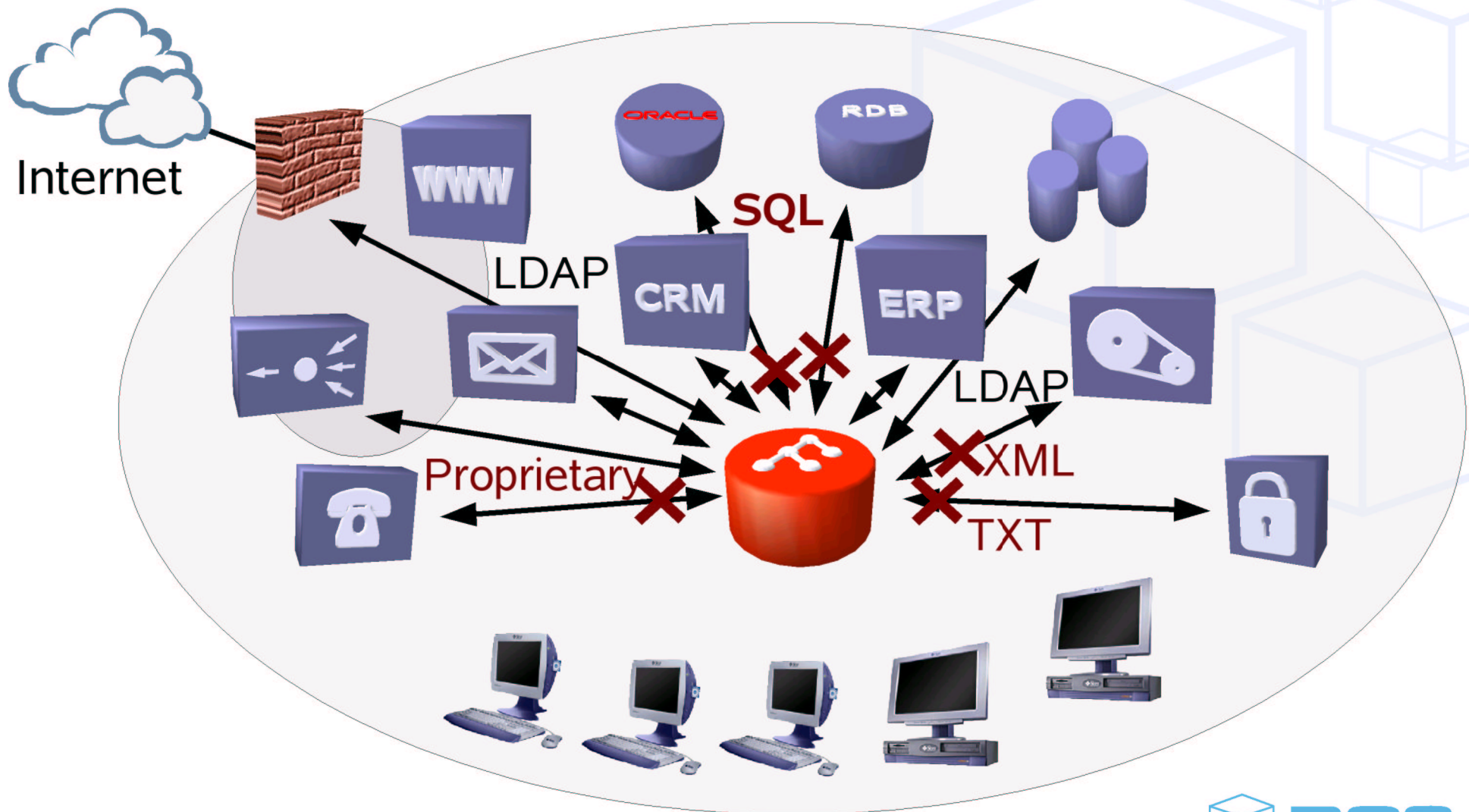


RFC 1778
RFC 2849
RFC 2830
RFC 3112
RFC 3377
...

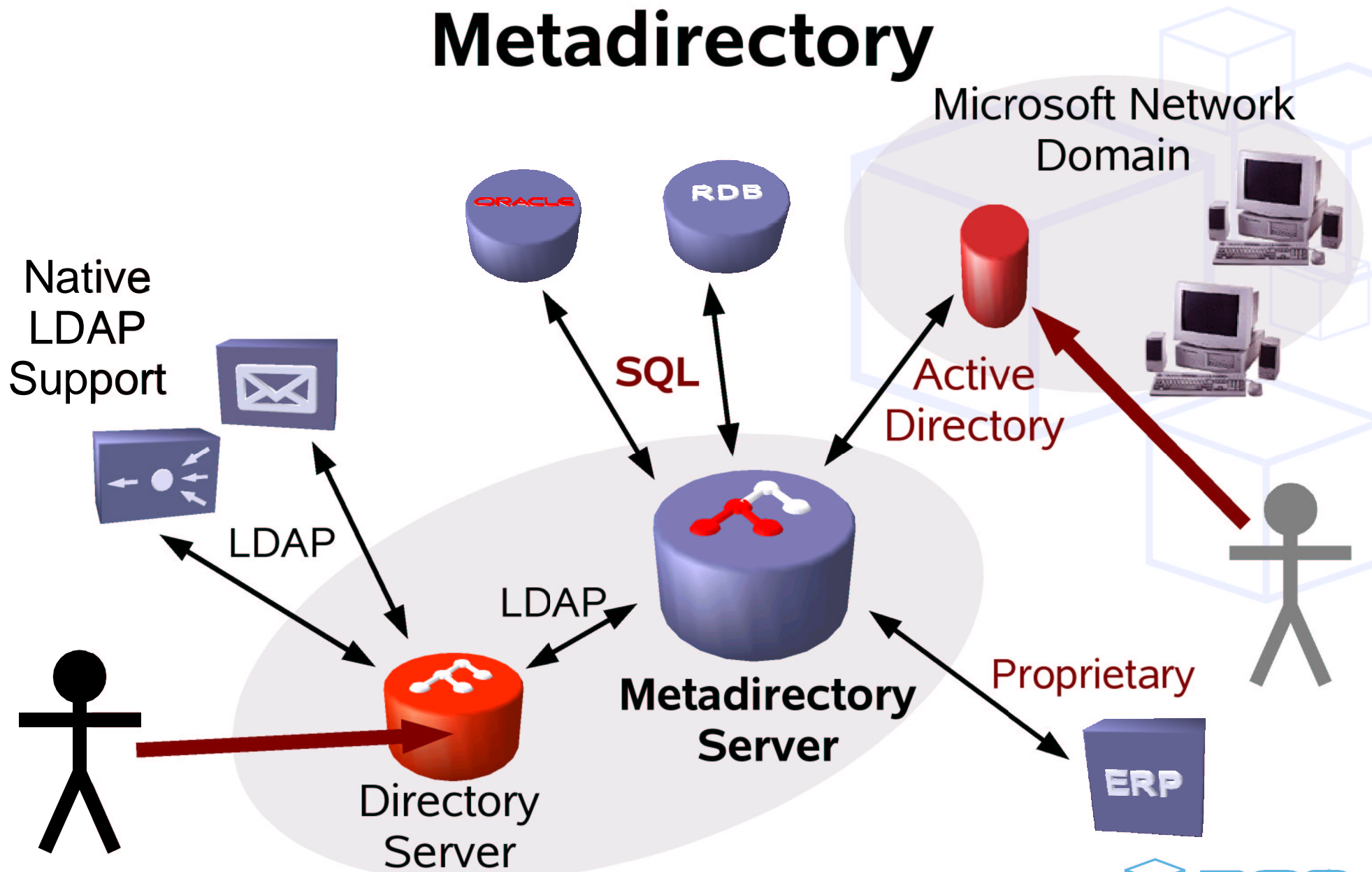
(Ideal) Unified User Management



Real Situation



Metadirectory

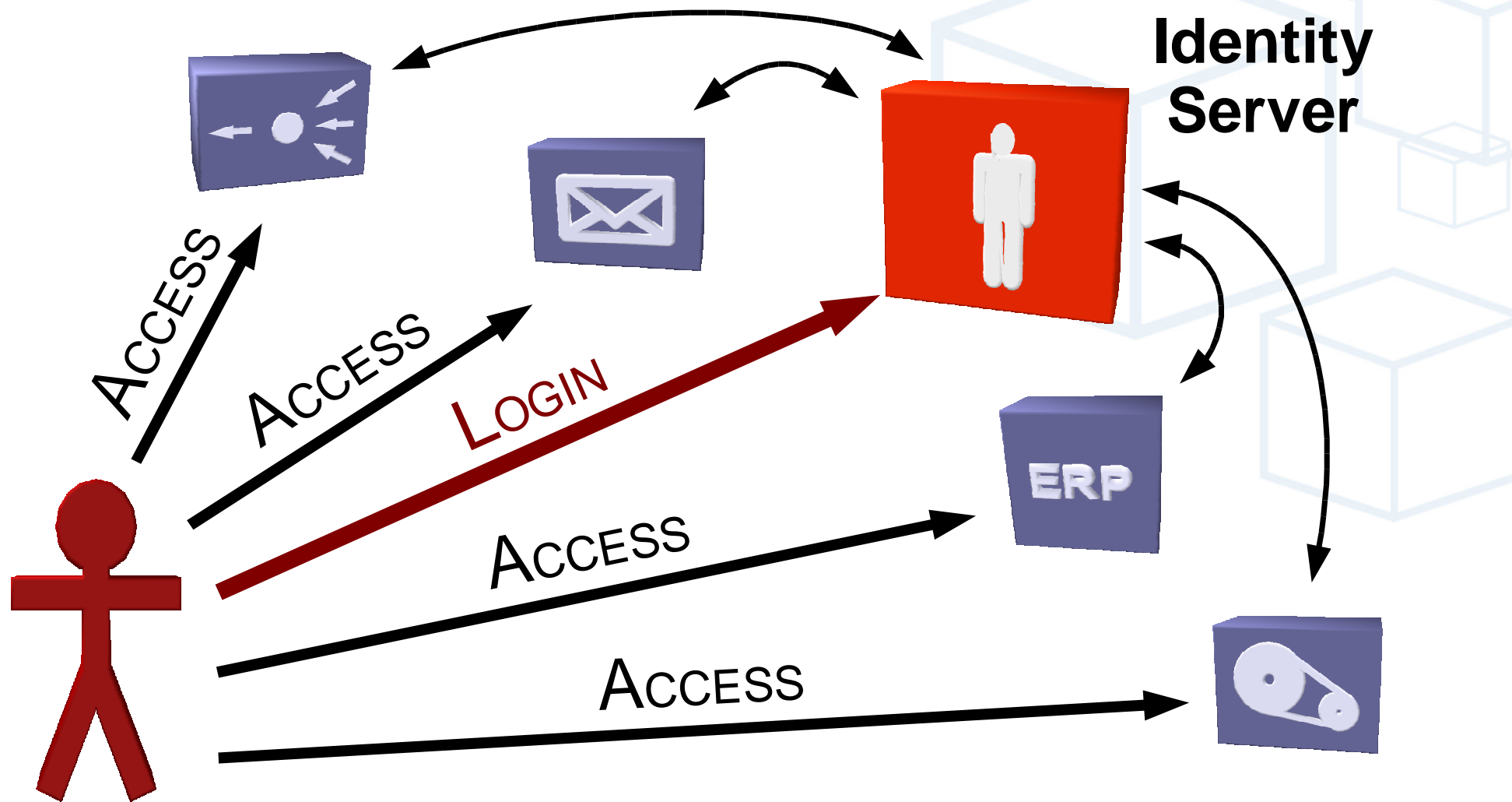


Unified User Management

- User information stored in unified directory
 - Consistency, Simplified User Management
 - Universal, extenzible
- Standard distributed directory
 - Standard protocol: LDAP
 - Replication and delegation support
- Metadirectory
 - Support for heterogenous and legacy environments



Simplified Sign-On

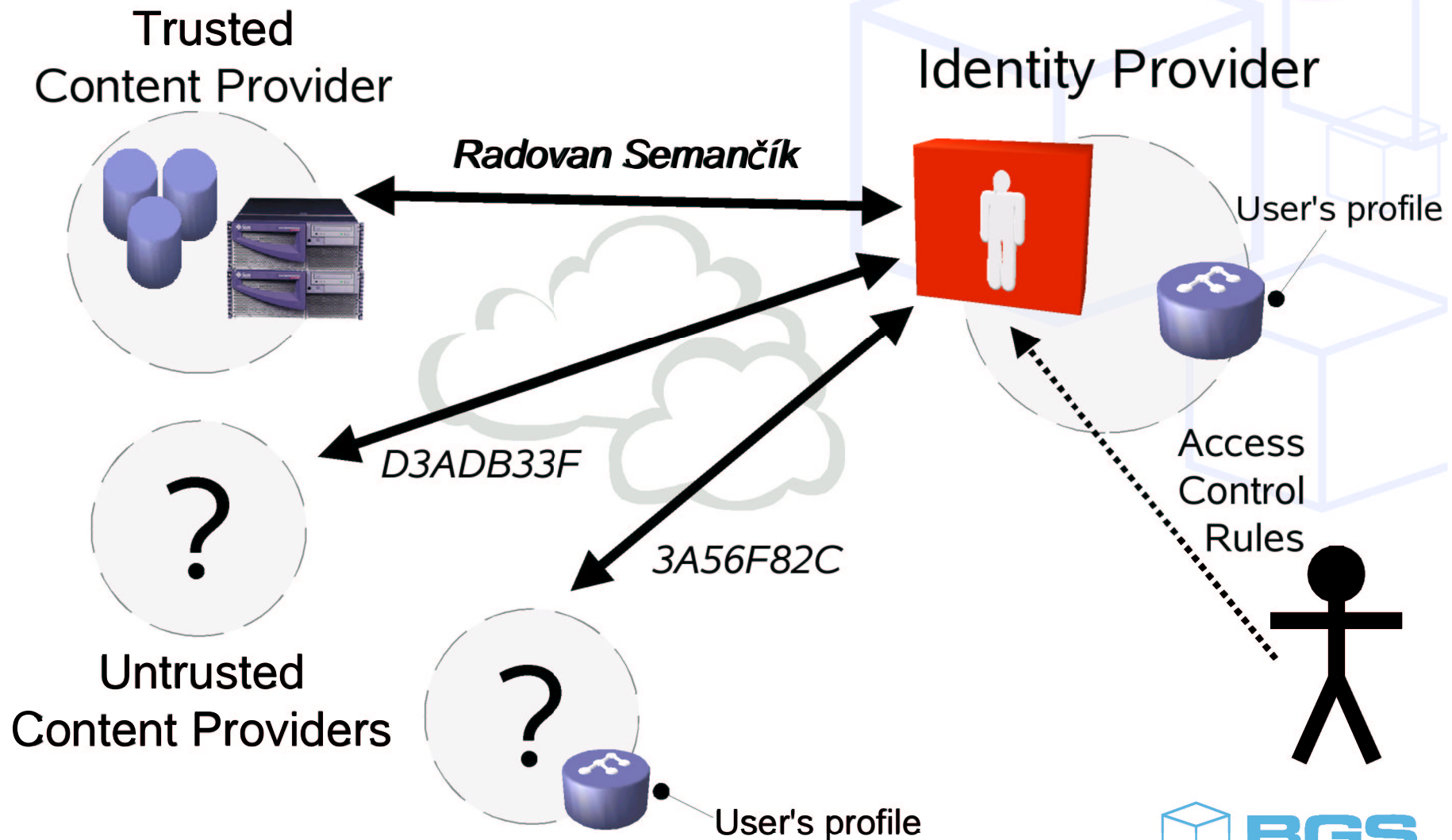


LIBERTY ALLIANCE

- Develop specifications that enable service providers to protect consumer privacy
- Provide an open single sign-on specification that includes federated authentication from multiple providers operating independently
- Enable commercial and non-commercial organizations to control, maintain and enhance relationships
- Create a network identity infrastructure that supports all current and emerging network access devices



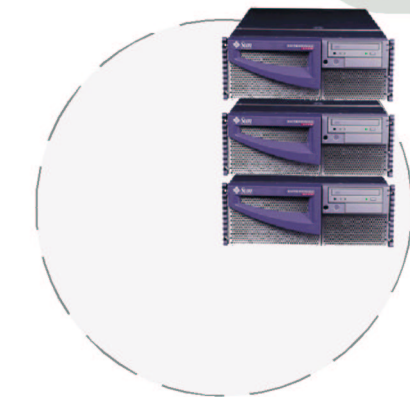
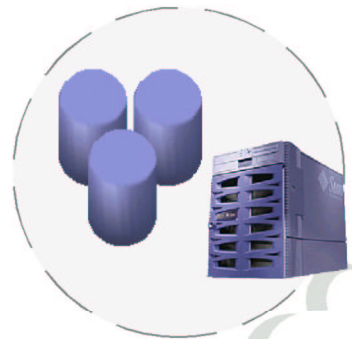
Identity Provisioning



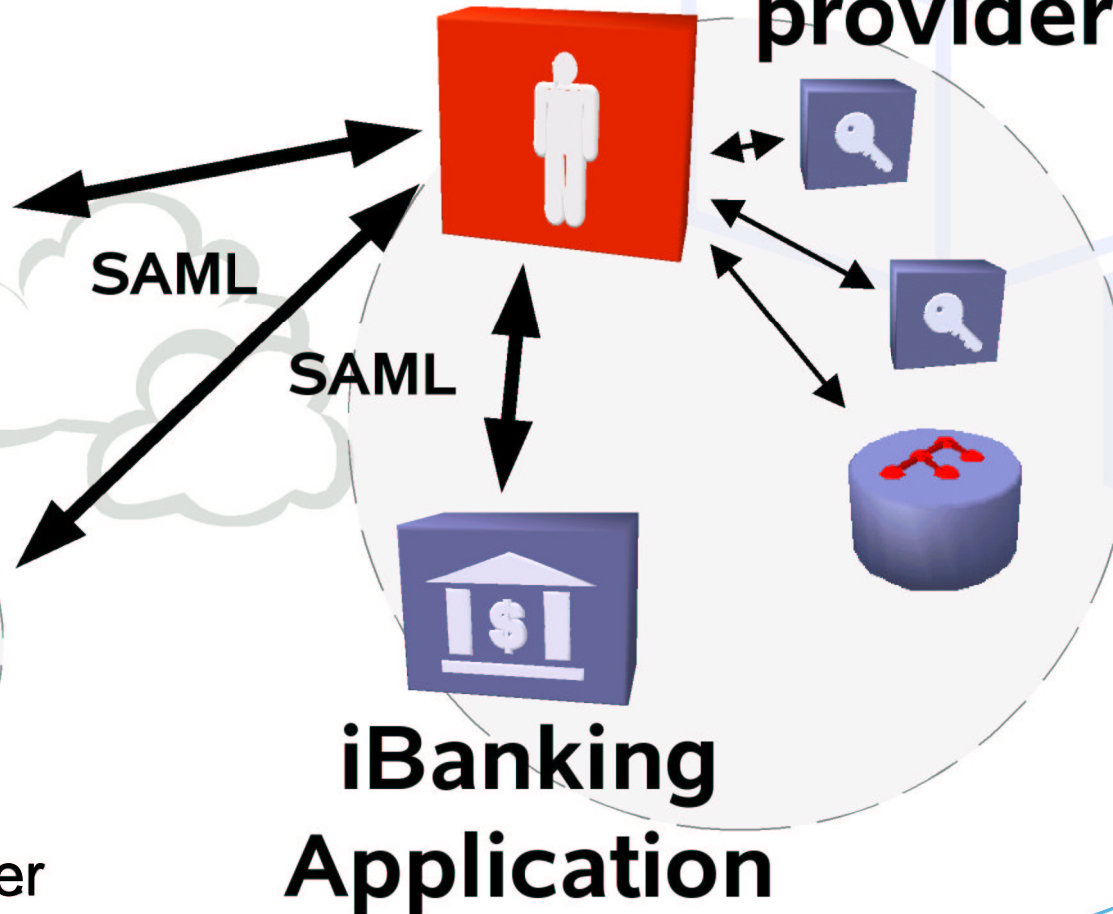
Identity Provisioning Case Study

iBanking

Content provider



Content provider



What To Do

1 Unified User Management

- Directory (LDAP), Metadirectory

2 Build Better Policy

- Directory, Roles, Authentication server, ...

3 Single Sign-On

- Identity Server
- Modify applications – agents

4 Digital Identity

- Federate, Redesign systems, Web services



Questions?



Thank you ...

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