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IBM Tivoli Training
IBM Tivoli Identity Manager 4.6
Overview

e business software

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Objectives

Upon completion of this presentation, you will be able to:

- Describe the features and functions of IBM Tivoli Identity Manager.
- Describe the components of the system architecture.
- Describe the deployment architecture and installation options.
- Identify the main components of the IBM Tivoli Identity Manager desktop.

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IBM Tivoli Identity Manager

- **Automates and centralizes access rights management and provisioning across multiple systems:**
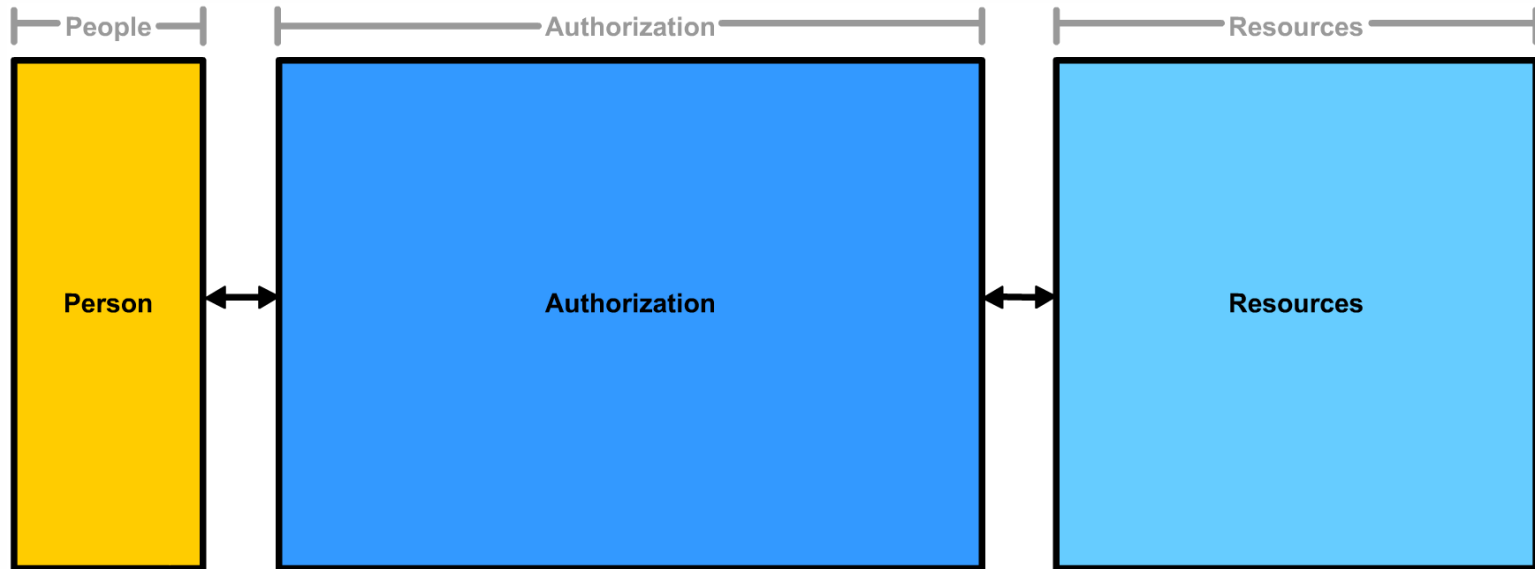 - Applications
  - Operating systems

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Features

- Central control of privileged data
- Role-based access control (RBAC)
- Automated provisioning of access rights
- Web-based system for easy privilege changes
- User self-service and self-registration
- Integrated workflow engine to authorize users and accounts
- Report generation

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Organizational Components

- **People**

- **Resources**
  - Applications
    - Databases
    - Network resources
    - e-mail
    - Custom
  - Operating systems
    - UNIX
    - Windows

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IBM Tivoli Identity Manager Dependencies

People — Authorization — Resources

| Person | ↔ | Authorization | ↔ | Resources |

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Users and Resources

- **A typical organization has users a large number of users with differing roles.**
- **Users need access to different sets of resources.**
- **Users come from several sources**
  - Employees and contractors who are managed by human resources
  - Customers
  - Users from other organizations
  - Special cases
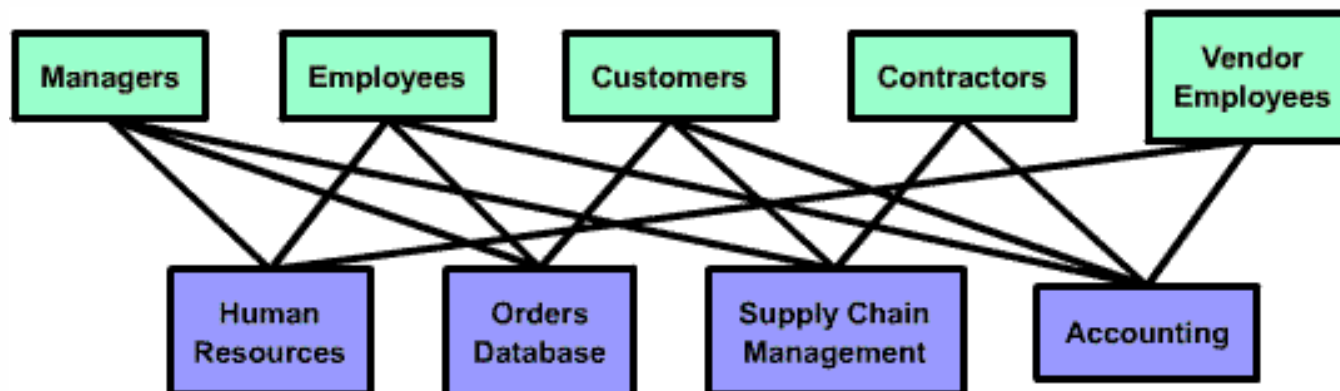
Accounts

- People use accounts to access services
- Roles determine which services a user needs

Users:	Roles:	HTTP:	FTP:	E-mail:
Alice	Employee	X	X	X
Bill		X	X	X
Carol		X	X	X
Danny		X	X	X
Eve	Information	X	X	
Fred	Provider	X	X	
Gina		X	X	
Homer	Customer	X		
Isabella		X		
Jack		X		

Accounts

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Organizations and Roles

- ITIM also keeps track of organizations, organizational units, locations and business partners.
- Each entity can have its own users and roles

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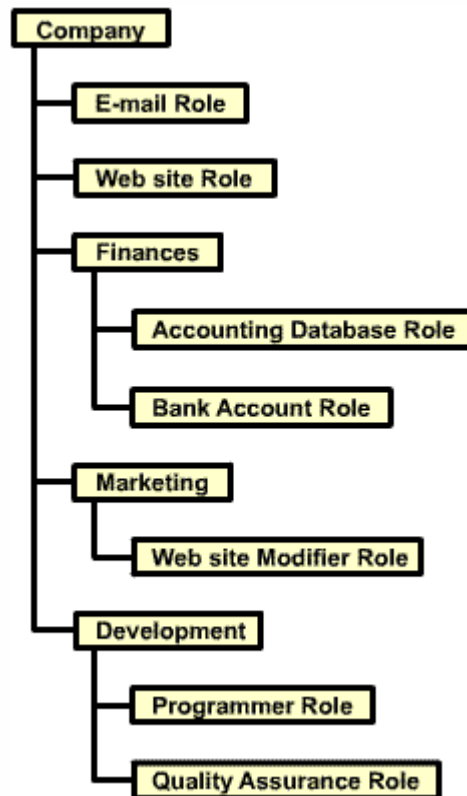
Policies

- Identity Policies
- Provisioning Policies
- Service Selection Policies
- Password Policies

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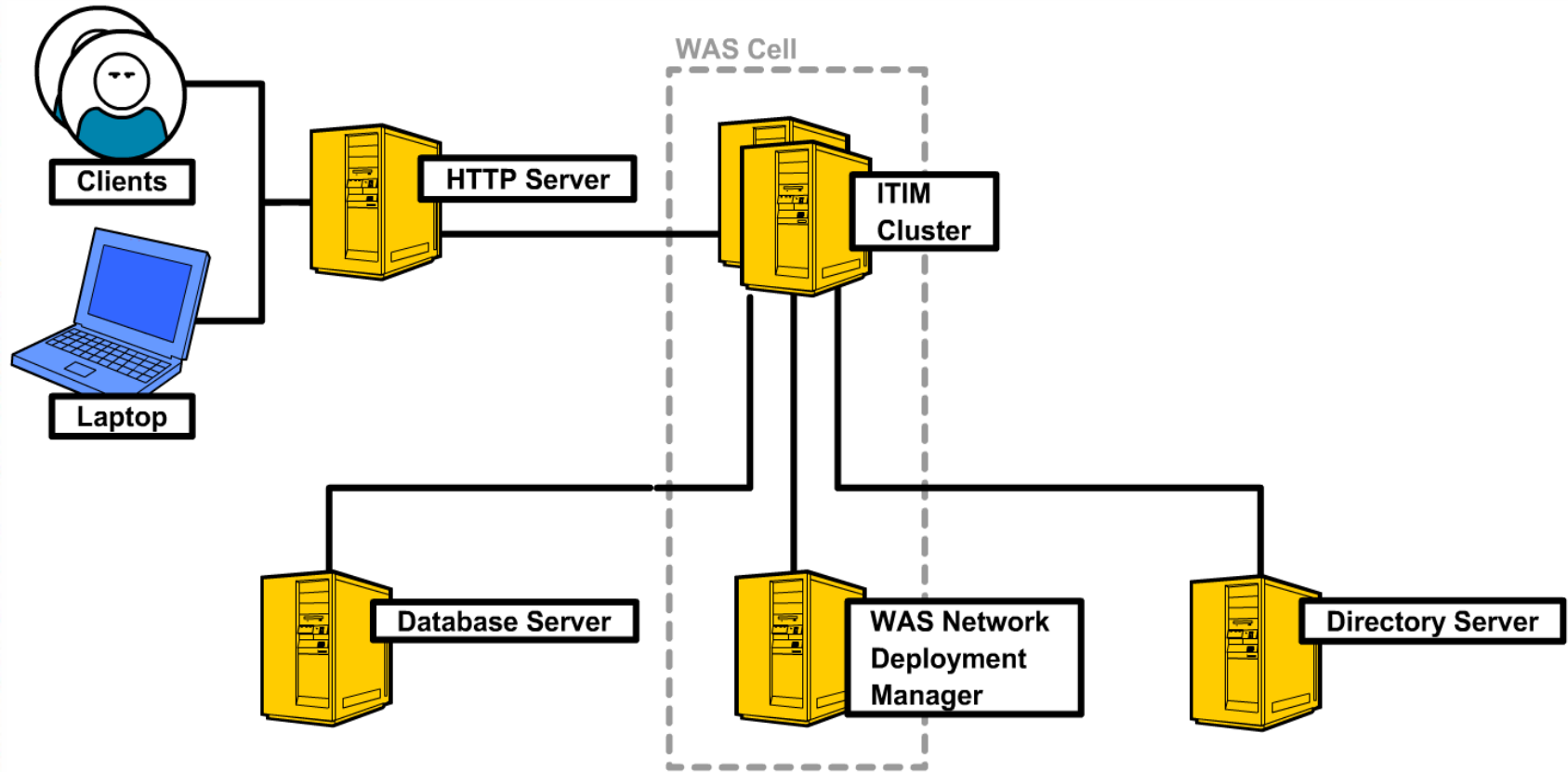# System Architecture Components

IBM Tivoli Identity Manager Server

Directory Server

Database Server

Web Server
Application Server
IBM Tivoli Identity Manager Server

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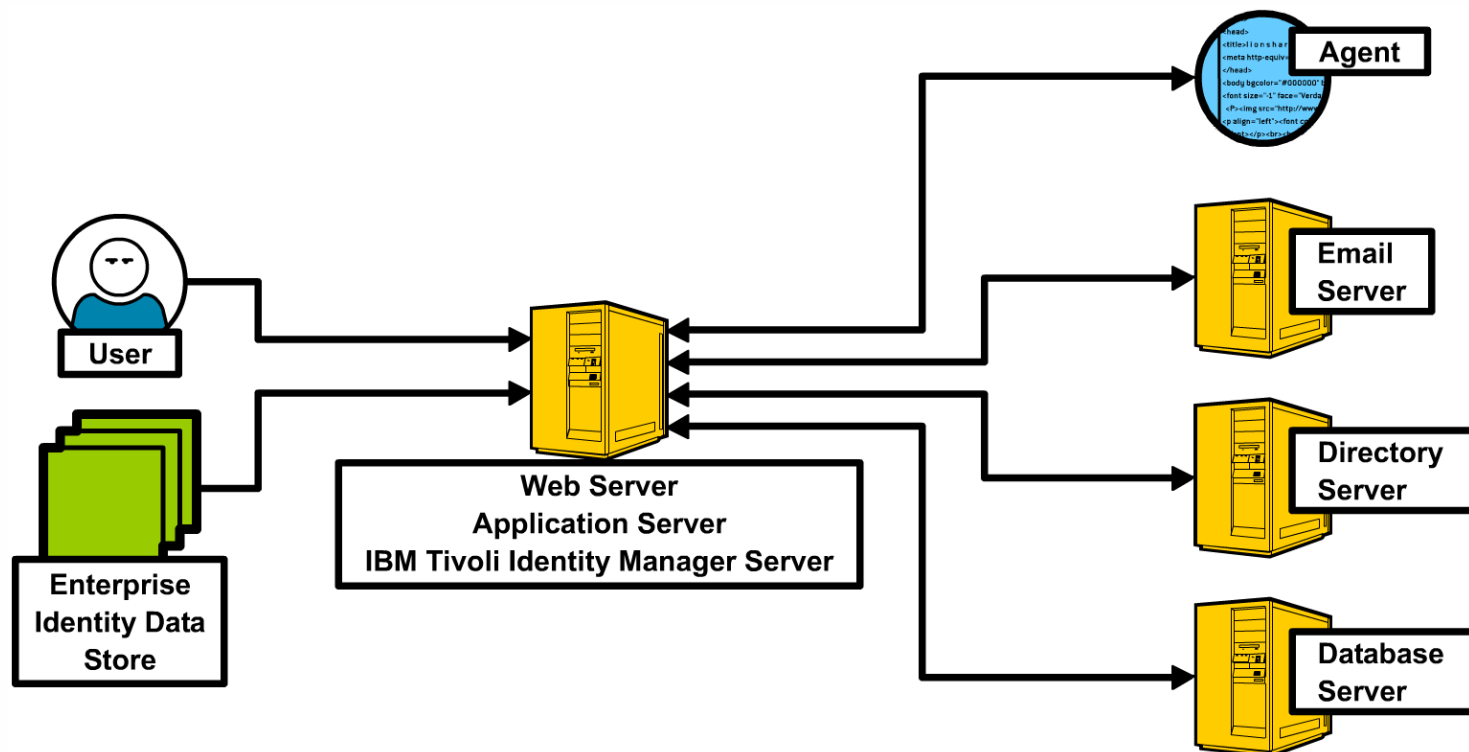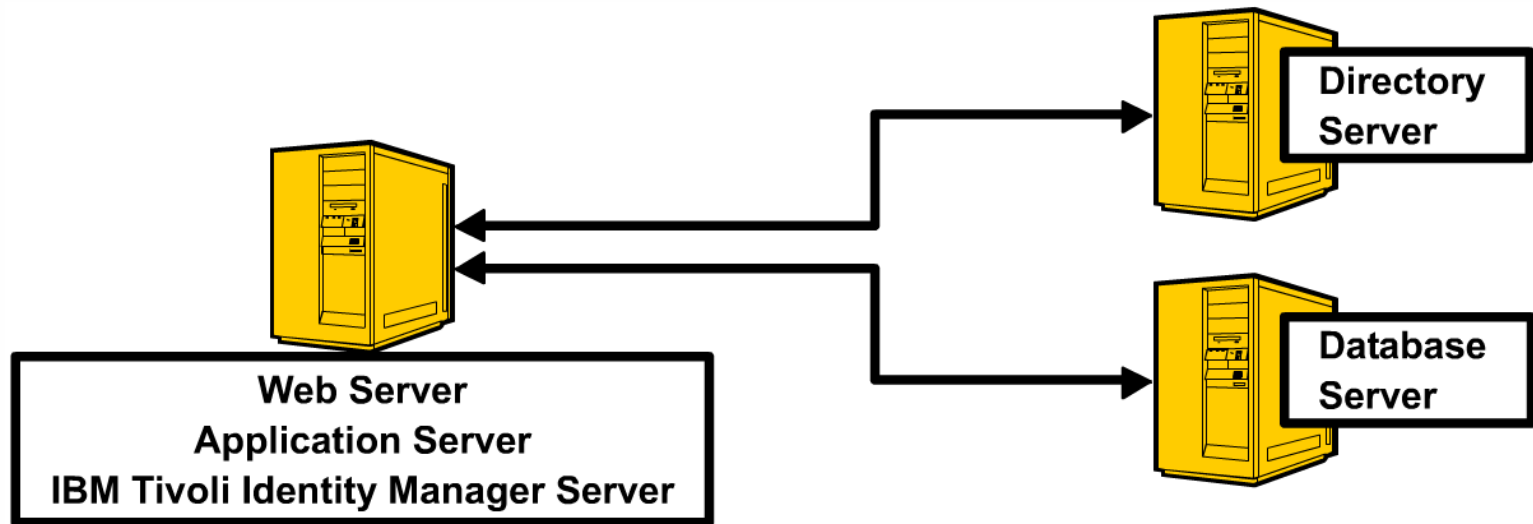
IBM Tivoli Identity Manager Web Server

User

Web Server
Application Server
IBM Tivoli Identity Manager Server

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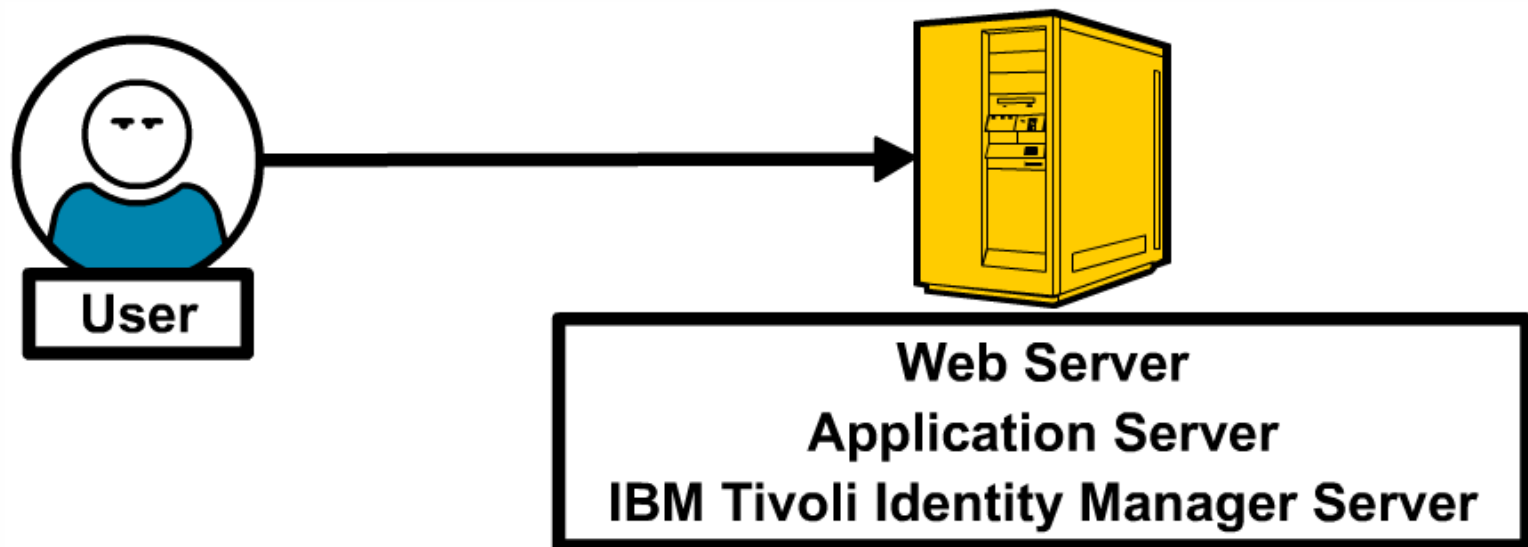
ITIM Adapter Support

- IBM AIX
- IBM AS/400
- IBM DB2 UDB
- IBM Informix RDBMS
- IBM Lotus Notes
- IBM RACF
- IBM Tivoli Access Manager
- BMC Remedy
- Cisco ACS
- EMC Documentum
- Entrust Authority PKI
- HP HP-UX
- HP OpenVMS
- HP Tru64
- LDAP
- Linux

- Microsoft SQL Server
- Microsoft Windows
- Microsoft Windows Active Directory
- Novel NDS
- Novell Groupwise
- Oracle ERP
- Oracle PeopleSoft
- Oracle RDBMS
- Relational Databases
- RSA ACE/Server
- SAP Enterprise Portal
- SAP ERP
- Sun Solaris
- Sybase RDBMS
- Universal Provisioning Adapter

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Regular Cluster

Desktop Components

Summary

You should now be able to:

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