

Tivoli. software

IBM.



IBM Tivoli Training

IBM Tivoli Identity Manager 4.6

Overview

 **e-business software**

IBM Software Group

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.

IBM Tivoli Identity Manager

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

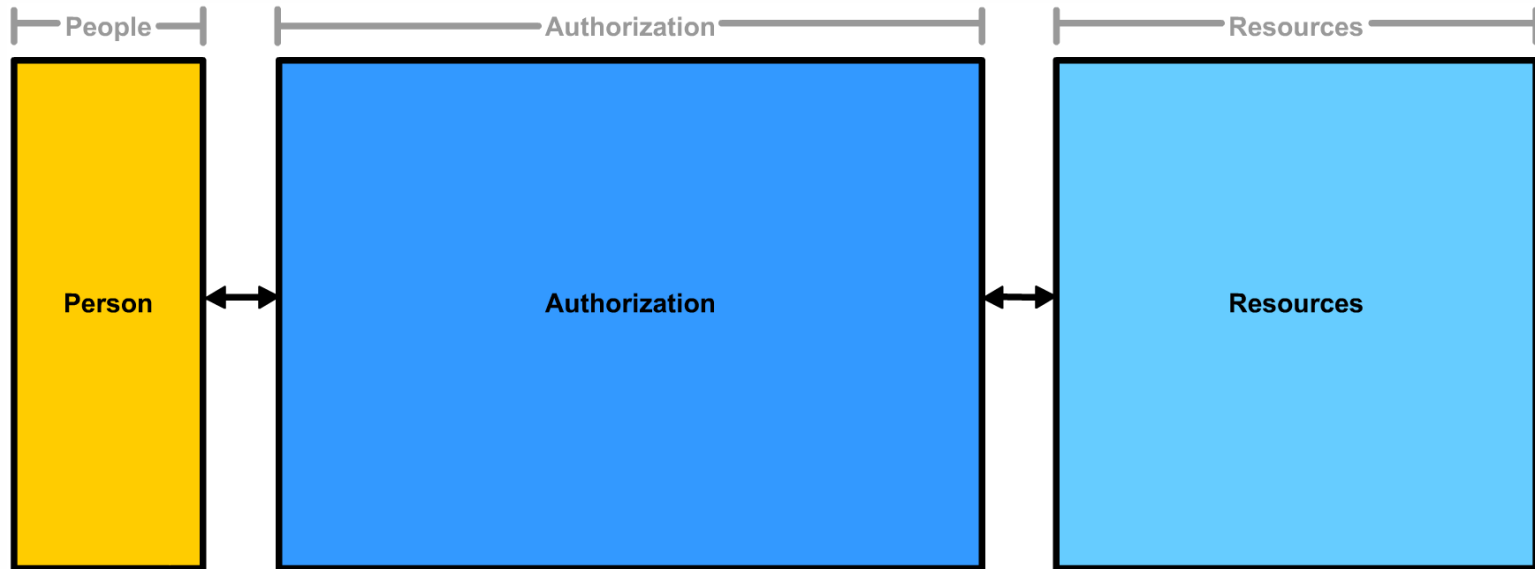
Features

- **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**

Organizational Components

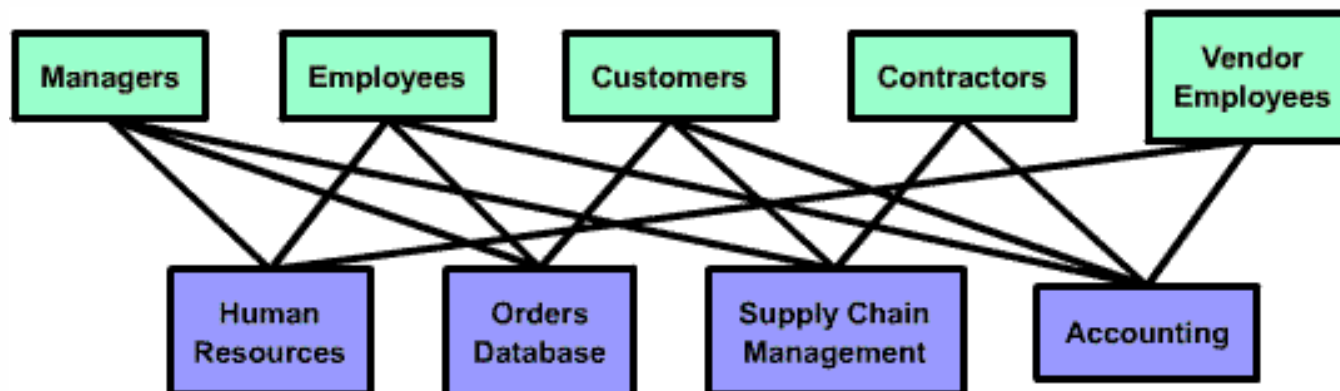
- **People**
- **Resources**
 - Applications
 - Databases
 - Network resources
 - e-mail
 - Custom
 - Operating systems
 - UNIX
 - Windows

IBM Tivoli Identity Manager Dependencies



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

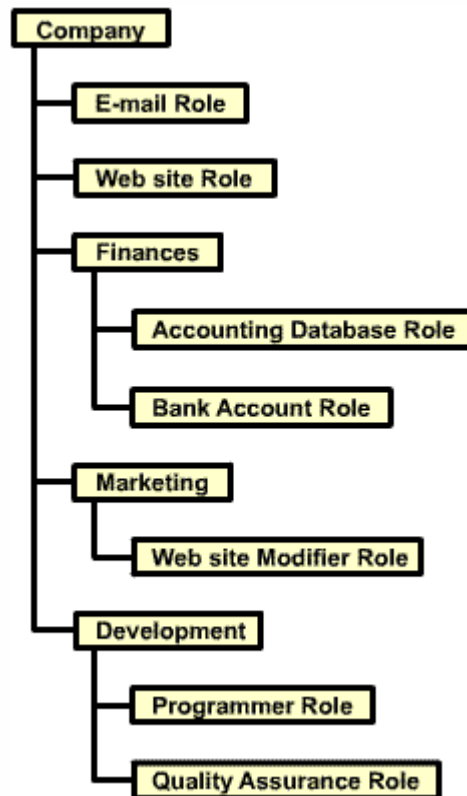
- People use accounts to access services
- Roles determine which services a user needs

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 Provider	X	X	
Fred		X	X	
Gina		X	X	
Homer	Customer	X		
Isabella		X		
Jack		X		

Accounts

Organizations and Roles

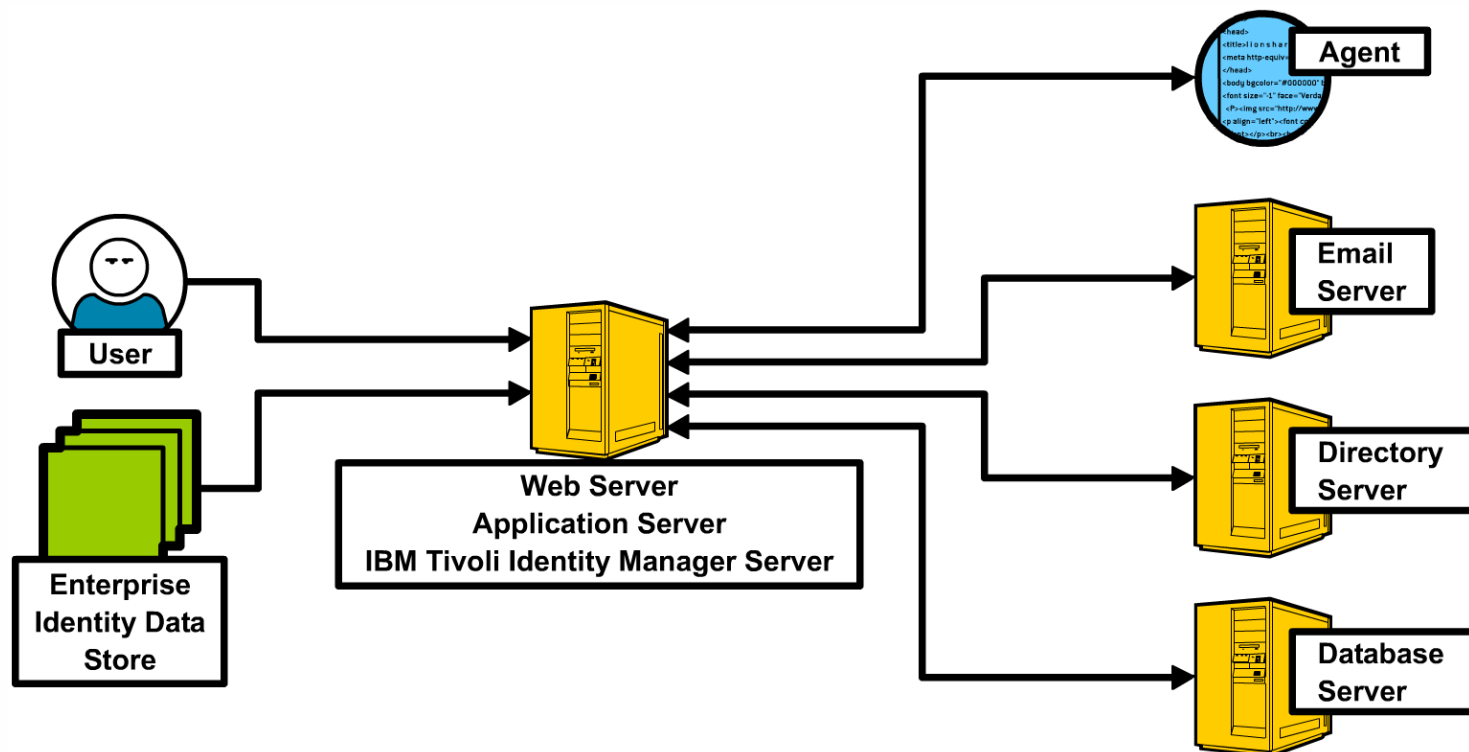
- ITIM also keeps track of organizations, organizational units, locations and business partners.
- Each entity can have its own users and roles



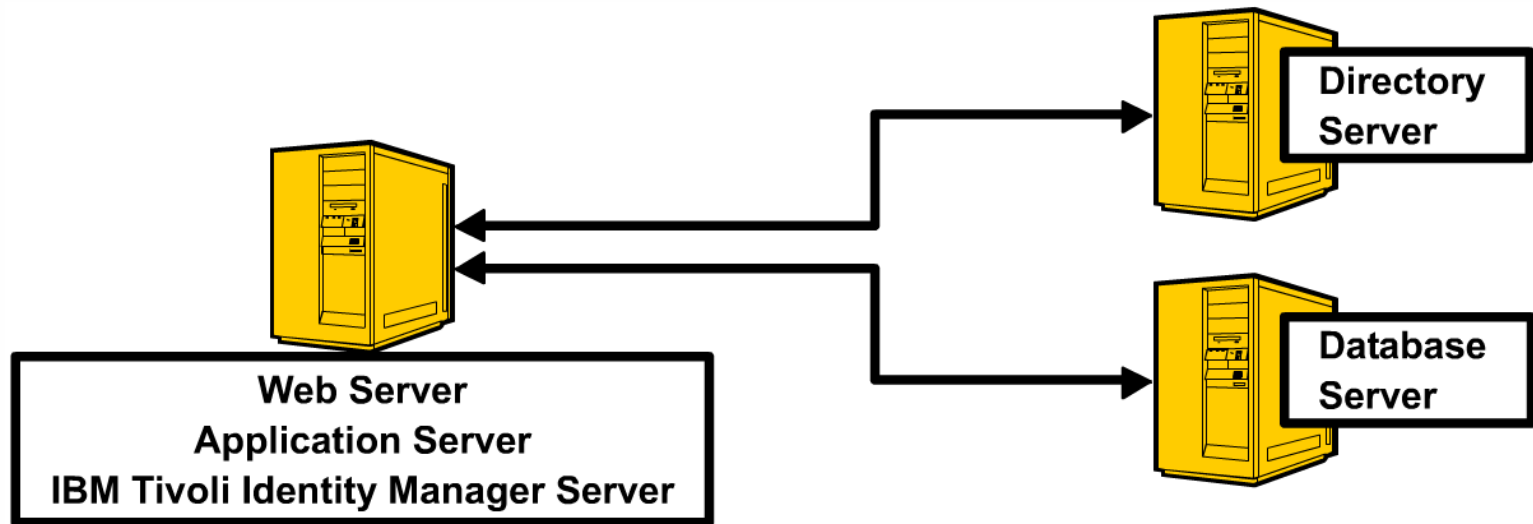
Policies

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

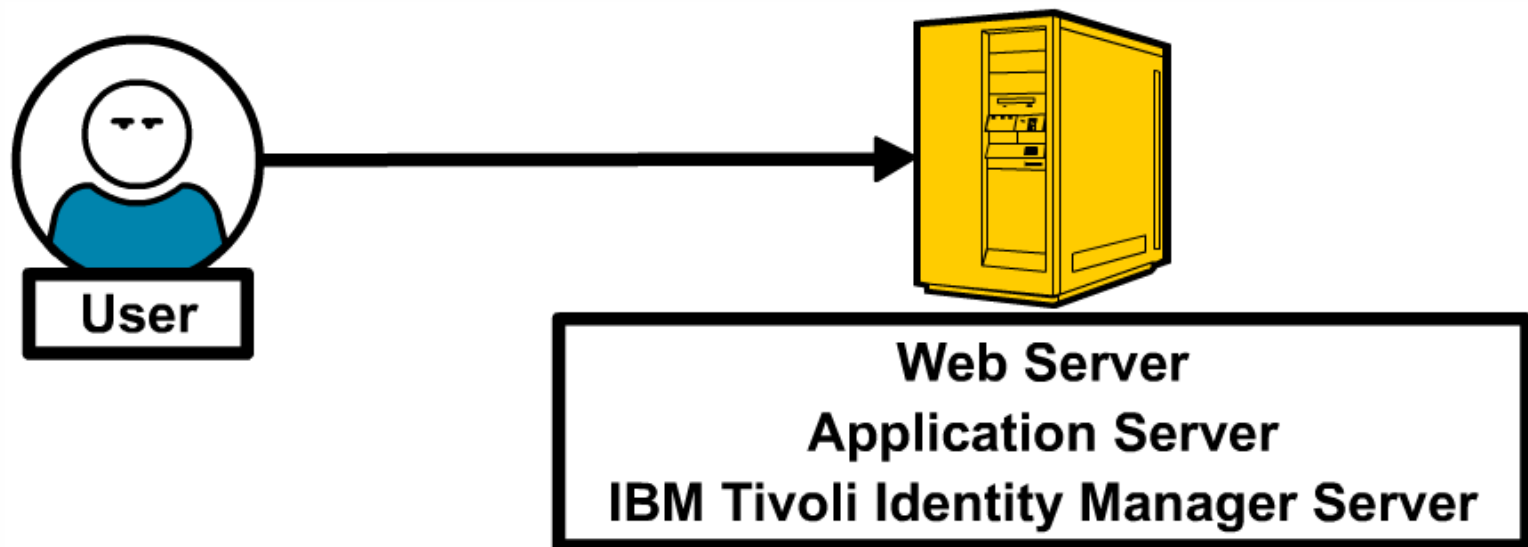
System Architecture Components



IBM Tivoli Identity Manager Server



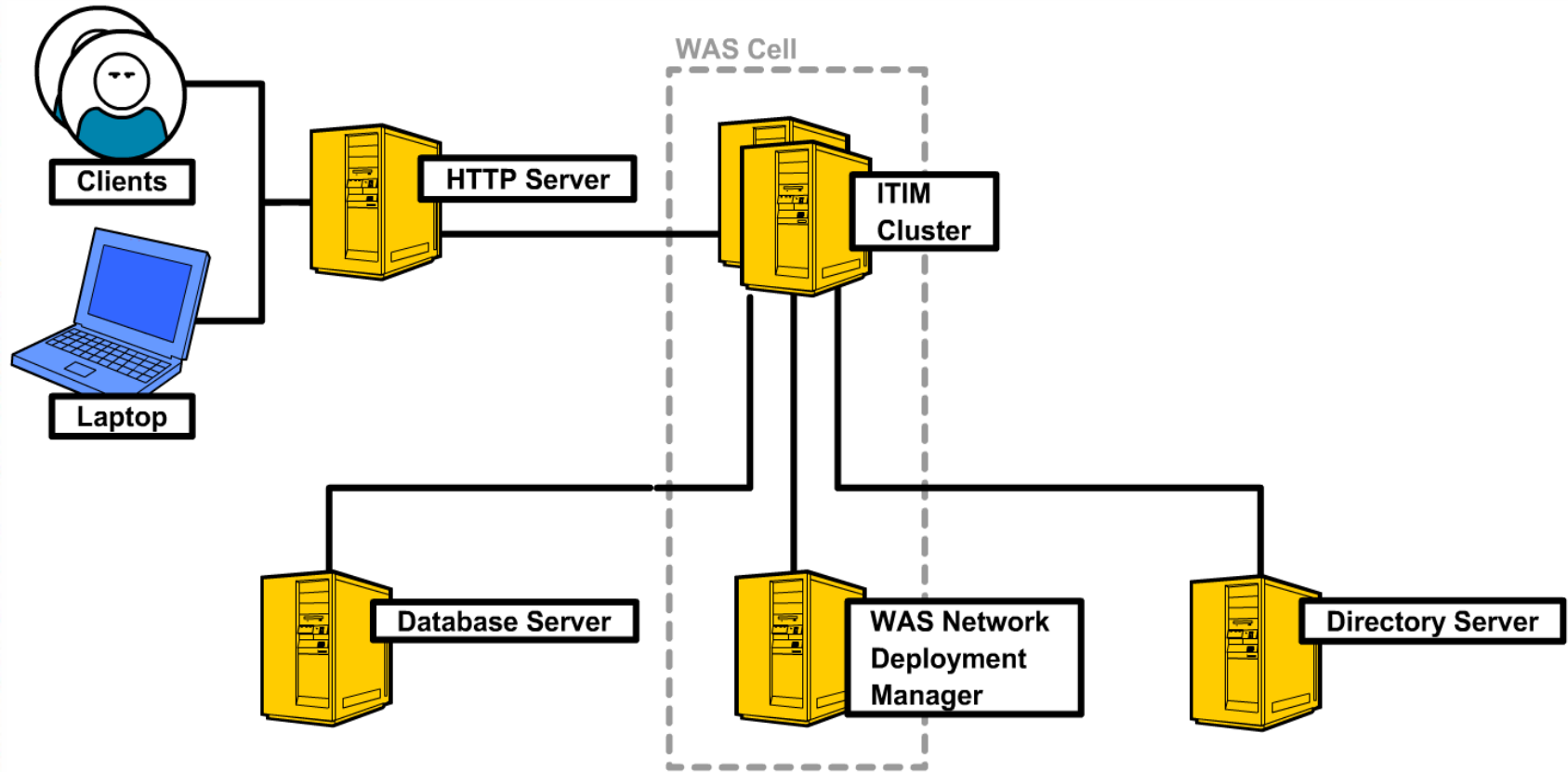
IBM Tivoli Identity Manager Web Server



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

Regular Cluster



Desktop Components

Navigation Bar
Navigation Path

Task Bar

The screenshot displays the Tivoli Identity Manager web interface. At the top left, the logo reads "Tivoli Identity Manager". On the right, the IBM logo is visible. Below the header is a navigation bar with links: HOME, MY ORGANIZATION, PROVISIONING, SEARCH, REPORT, CONFIGURATION, and HELP. A "Logout" button is in the top right corner. The user ID "User ID: itim manager" is displayed on the right side of the navigation bar.

A "Navigation Path" is shown below the navigation bar, containing the text "You Are Here: Home > Manage Password". This path is circled in the image.

On the left side, a "Task Bar" contains several icons and labels: Manage Passwords, Manage Accounts, Access To Do List, View Pending Requests, View Completed Requests, Access Personal Information, Delegate Authority, and Password Challenge Response.

The main content area is titled "Change | Create Password" and includes a form with the following fields:

- New Password
- Confirm Password
- Create Password (checkbox)
- Effective Date (dropdowns for 10, 25, 2002, 14:30) and a checked "Schedule Immediately" checkbox.

Below the form is a table with the following data:

Rules	Service	Login	Status
<input checked="" type="checkbox"/>	ITIM Service	ITIM Manager	Active

At the bottom of the form area are "Submit" and "Reset" buttons.

Summary

You should now 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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