

Microsoft Identity Integration Server (MIIS) & SharePoint Products

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Agenda

- ❖ **Identity Integration Scenarios**
- ❖ **Microsoft Identity Integration Server (MIIS) 2003 Business Challenges**
- ❖ **SharePoint Portal Server (SPS) 2003**
- ❖ **Resources**
- ❖ **MIIS Demo**

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Interesting facts on Identity Management

In a 10,000 users network, 54,180 hours are spent administering users, user stores, & authentication in a single year.

In that same 10,000 users network, 2,666 hours are lost each day when employees are busy “logging in” to the various operating systems, applications, & directory services. That is only 15 minutes a day for logging in to the applications & directory services.

In A State of Confusion



Identity Integration Scenarios

Identity Synchronization

Microsoft Identity Integration Server (MIIS) 2003

Identity Mapping

SharePoint Portal Server 2003

Product Definitions

Active Directory

As the central component of the Windows platform, Active Directory directory service provides the means to manage the identities and relationships that make up network environments.

IIS

Microsoft Identity Integration Server (MIIS) 2003 is a centralized service that stores and integrates identity information for organizations with multiple directories. The goal of MIIS 2003 is to provide organizations with a unified view of all known identity information about users, applications, and network resources.

SharePoint

Identity Integration Scenarios

Identity Synchronization

Microsoft Identity Integration Server (MIIS) 2003

Feature Pack

- ❖ Free download that is a scaled-down version of the Enterprise Edition
- ❖ Active Directory/Exchange 2000/2003 GAL synchronization
- ❖ Works with any edition of SQL Server



Microsoft Identity Integration Server (MIIS)

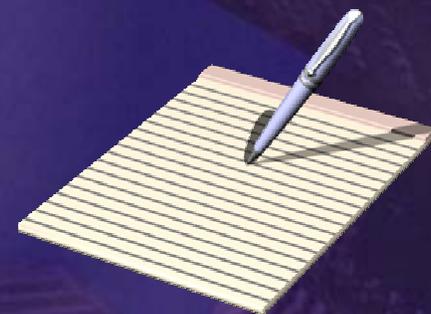
MIIS 2003 provides the following set of features:

Identity aggregation and synchronization

- Support for over 20 repositories
- Provides a single enterprise view of a user
- Uses SQL Server as the information repository

Account management

- Automated account creation/deletion
- Group & distribution list management
- Workflow
- Password management



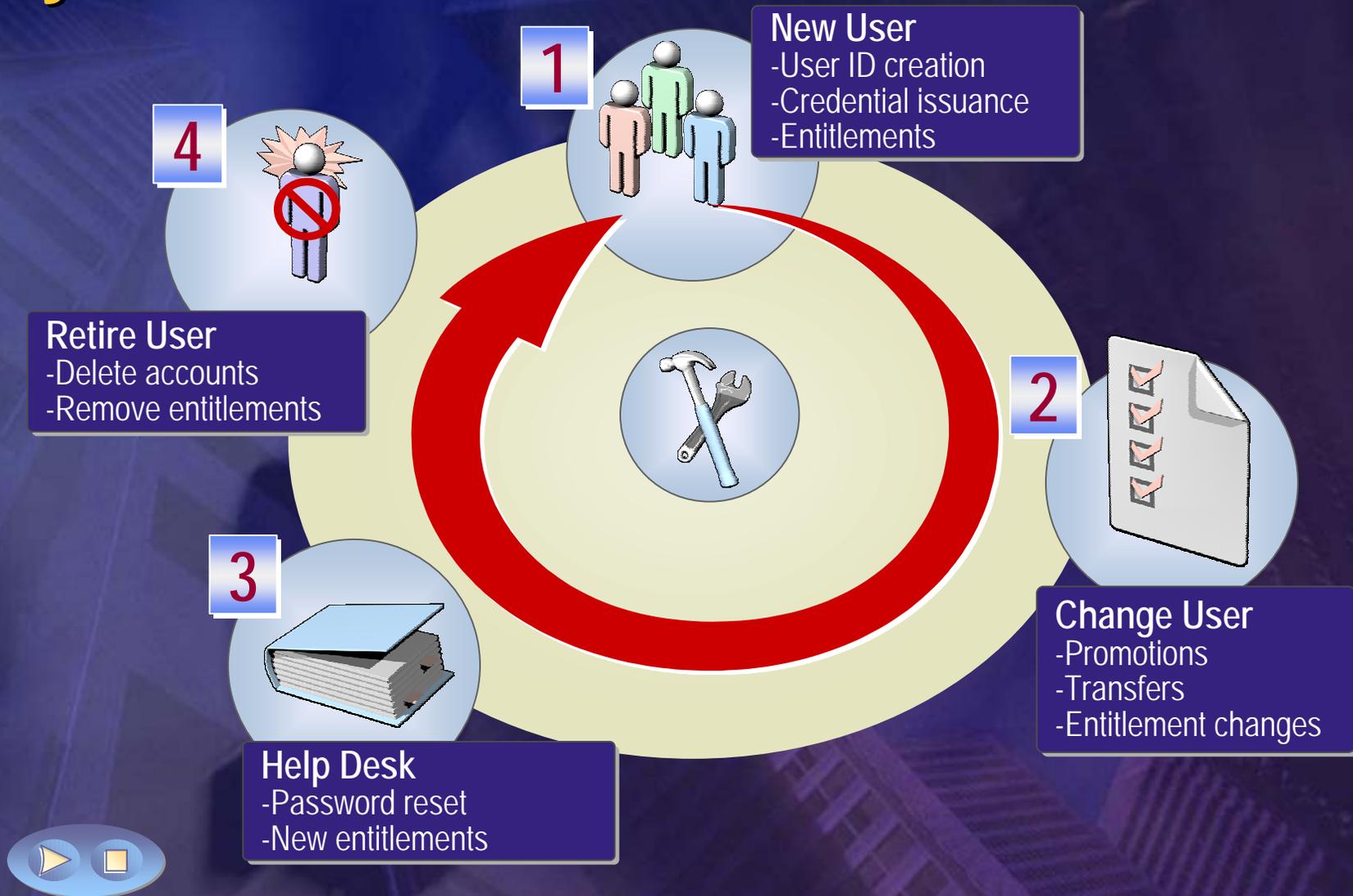
MIIS Management Agents

- ❖ **MIIS ships with the “Management Agents” that will allow you to integrate with many different types of repositories. Here is a sample list of the connectivity capabilities of MIIS:**

Type of system	Examples
Network Operating Systems and Directory Services	Microsoft Windows NT®, Active Directory®, Active Directory Application Mode, IBM Tivoli Directory Server, Novell eDirectory, SunONE/iPlanet Directory, X.500 systems, and other metadirectory products
E-mail Systems	Lotus Notes and Domino, Microsoft Exchange 5.5, 2000, and 2003
Application Systems	PeopleSoft, SAP, ERP ¹ , telephone switches, XML and DSML based systems
Database Systems	Microsoft SQL Server™, Oracle, Informix, dBase, IBM DB2
File-based Systems	DSMLv2, LDIF, CSV, delimited, fixed width, attribute value pairs

- ❖ **Connectivity to the PeopleSoft, SAP, and ERP systems can be achieved by connecting to the underlying databases or by interfacing to a flat-file export from these systems.**

Understanding the Identity Life Cycle



Understanding Identity Integration Using MIIS

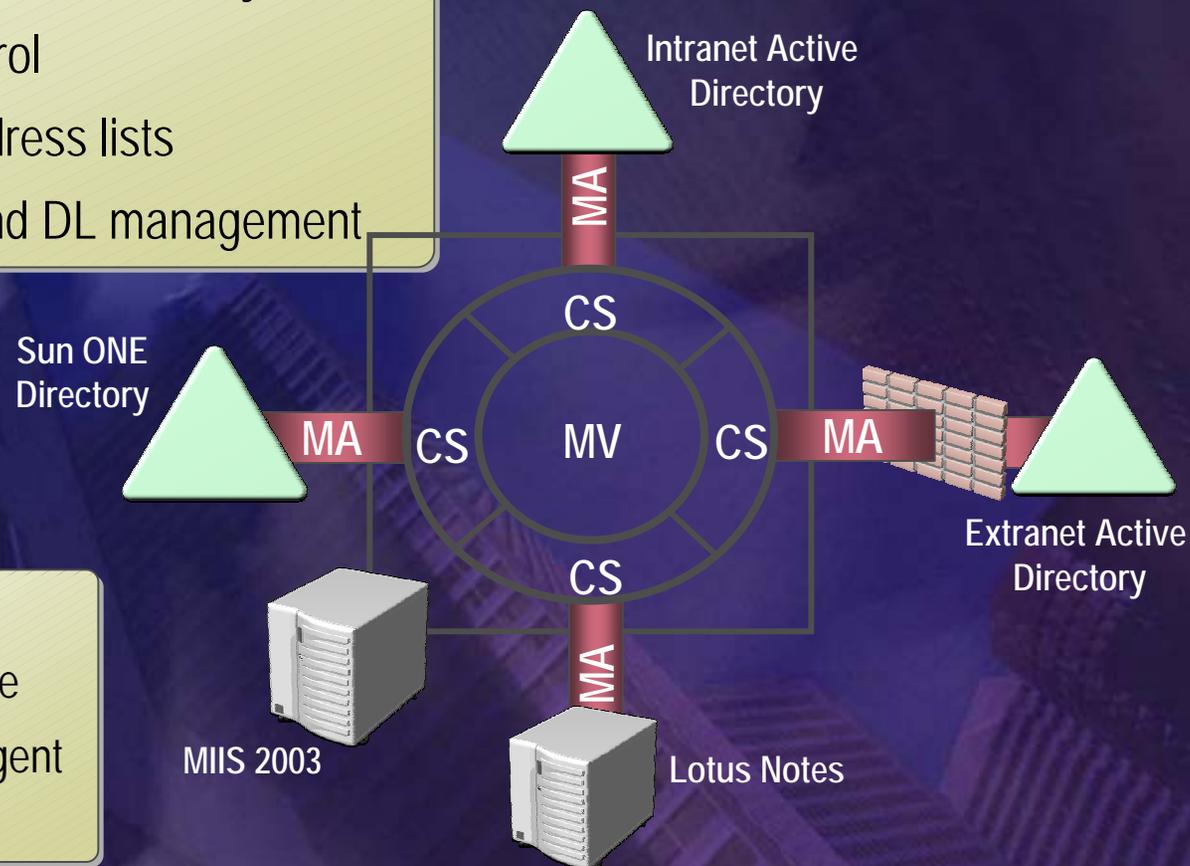
- Synchronizes multiple repositories
- Agentless connection to other systems
- Attribute level control
- Manage global address lists
- Automate group and DL management

Legend

CS=Connector Space

MA=Management Agent

MV=Metaverse



Windows SharePoint Services

Identity Mapping

SharePoint Portal Server 2003

Windows SharePoint Services

What is SharePoint?

enables enterprises to develop an intelligent portal that seamlessly connects users, teams, and knowledge so that people can take advantage of relevant information across business processes to help them work more efficiently. SharePoint Portal Server 2003 provides an enterprise business solution that integrates information from various systems into one solution through single sign-on and enterprise application integration capabilities, with flexible deployment options and management tools.

Platform Support

❖ Server

Windows Server 2003

Optional with AD deployment - not required

Supports NT4 domain authentication

SDE is default data store

SQL Server 2000 recommended (with SP3)

❖ Browser Clients

Internet Explorer 5.5 or later

Netscape 6.x or later

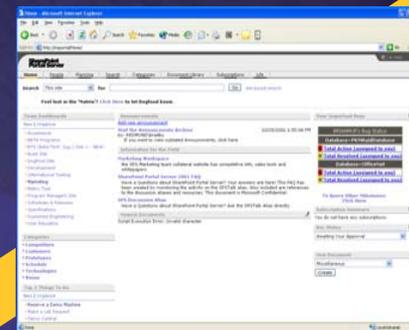
SharePoint Strategy

- ❖ Spectrum of sites – centralized in large scale farms or standalone
- ❖ Rich out-of-box solution for collaboration and portals
- ❖ Consistent user, developer and admin experience

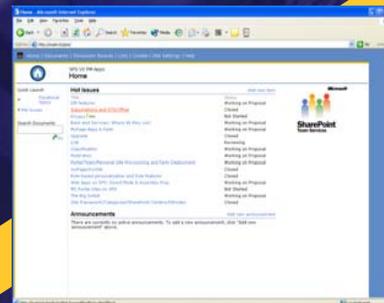
Enterprise



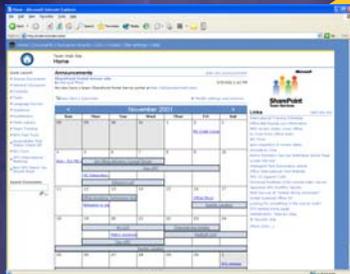
Division



Teams



Individual



- ❖ WebServices
- ❖ Business Processes
- ❖ Business Intelligence

Major Investments

A platform approach

**SharePoint
Portal Server
2003**

**Enterprise Portal
Solution**

**Windows
SharePoint
Services**

**Team Collaboration
Solution**

**Site Framework
Foundation**

ASP.NET

SQL Server

**Windows
Server 2003**

Windows SharePoint Services

End-User Scenarios

- Collaborate on documents
- Share information
- Manage virtual teams

Key Features

- Presence integration
- Versioning, Check-in/Check Out
- Shared calendars, discussions...
- Office 11 Integration



SharePoint Portal Server

Scenarios

- Organize sites across enterprise
- Aggregate corporate knowledge
- Personalize content access
- Enterprise application integration

Key Features

- Profile and provision all sites
- LOB Single Sign-on
- MySites
- User profiling
- Enterprise wide search
- Browse by topic

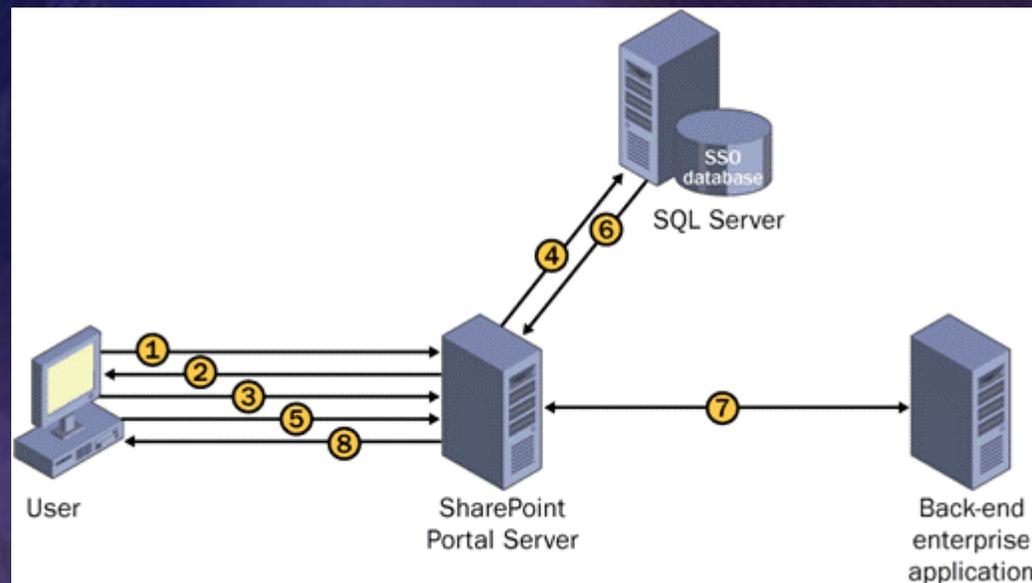
Benefits

- Put Information to work
- Connect collaborative people and workspaces
- Tailor and target information to be more productive



SPS and Single Sign-On

1. A user accesses the Web Part that integrates with the enterprise application for the first time. The Web Part code checks whether the user credentials for the required application are stored in the single sign-on database. If they are stored, the process continues from step 6 in this list.
2. If there are no credentials stored for this user for the required application, the user's browser is redirected to the logon form for this application.
3. The user supplies credentials for the application.
4. The supplied credentials are mapped to the user's Windows account and stored in the single sign-on database.
5. User is redirected to the original Web Part.
6. The Web Part retrieves the credentials from the single sign-on database.
7. The Web Part submits the credentials to the enterprise application and retrieves the necessary information.
8. The Web Part is displayed to the user.



Content Creation

❖ Capture information

Dynamic Lists – Documents, Images, Items etc.

Rich and flexible views

Metadata to describe content

❖ Document Collaboration

Check-in & Check-out

Document Versioning

Site Customization

- ❖ **Rich customization using FrontPage**

 - customizable templates

 - reuse any site or list

- ❖ **Browser based customization**

 - add .NET Web Parts

 - change themes

- ❖ **Extensible via .NET and Web Services**

 - include custom web parts to deliver all tools and

Deployment

- ❖ **High Performance Architecture**

 - oad balanced web front-ends

 - lustered SQL storage

- ❖ **Provision and deploy collaboration for every team in the Enterprise**

 - T provides managed service

 - ontent is protected

 - ackup/Restore procedures

Management

- ❖ All administration is browser-based
- ❖ Manage Enterprise Collaboration

Automated Quota Enforcement

Automated Archiving of Inactive Sites

Usage analysis and monitoring

- ❖ Administer team sites

User/Group access to team sites

Site customization

Indexing & Search

❖ Search

ow reaches more than just documents –includes Categories, Teams, Sites, and People (public view of ‘My Site’)

❖ Subscriptions & Notifications

reduce time wasted spent searching for information

push updated content to users

include details about what has changed

User & Audience Profiling

❖ User profiling

Share information about users with applications and other users

Integrate with existing directories

❖ Content Targeting

Target information and applications to specific audiences

Create audiences based on user profiles

❖ Personally relevant portal

Application Integration

❖ Mainstream platform & tools

NET Web Parts and Web Services as Windows Server technologies

Build Web Services with Visual Studio .NET

Construct SharePoint Web Part connections to link web services together

❖ Spectrum of integration models

Point-to-Point

Data cache/warehouse

Summary

Identity Synchronization

Microsoft Identity Integration Server (MIIS) 2003

Identity Mapping

SarePoint Portal Server 2003

MIIS Resources

Identity Integration Feature Pack 1a:

<http://www.microsoft.com/downloads/details.aspx?FamilyID=d9143610-c04d-41c4-b7ea-6f56819769d5&DisplayLang=en>

MIIS Website:

<http://www.microsoft.com/windowsserversystem/miis2003/default.mspx>

Microsoft Identity Integration Server 2003 Resource Tool Kit 2.0:

<http://www.microsoft.com/downloads/details.aspx?FamilyId=D3C7BD7A-E8D5-43CF-AD4D-4F1F0AE00D79&displaylang=en>

MIIS 2003 Training and Events :

<http://www.microsoft.com/windowsserversystem/miis2003/techinfo/training/default.mspx>

MIIS 2003 Partners :

<http://www.microsoft.com/windowsserversystem/miis2003/partners/default.mspx>

SharePoint Resources

SharePoint Portal Server Code Samples

<http://msdn.microsoft.com/office/understanding/sharepoint/codesamples/default.aspx>

Products and Technologies Web Component Directory

<http://www.microsoft.com/sharepoint/downloads/components/default.asp>

Web Parts

<http://www.sharepointcustomization.com/resources/webparts.htm>

TechNet Labs

<http://microsoft.demoservers.com/TechNet/login.aspx?group=&lab=>

Single Sign-On in SharePoint Portal Server 2003

<http://www.microsoft.com/technet/prodtechnol/sppt/reskit/c2661881x.msp#EFAA>

<http://www.microsoft.com/technet/prodtechnol/sppt/reskit/c2661881x.msp>

SharePoint Portal Server 2003 Trial Software

<http://www.microsoft.com/office/sharepoint/prodinfo/trial.msp>

Demo

❖ MIIS Demo



The Microsoft logo is centered in the image, rendered in a bold, italicized, white sans-serif font with a registered trademark symbol. The background is a deep blue, low-angle photograph of a modern building's facade, showing a grid of windows and architectural lines that create a sense of depth and perspective.

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