

USERS, PROFILES, & MYSITES

**Managing a Changing SharePoint User
Population**

IT112

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About Me...



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 - Chief Architect for ShareSquared, Inc
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Agenda

- AD Users, Profiles, & WSS Site Users
- Cleaning up MySites and Profiles
 - How its supposed to work
 - Issues & weak points
 - Best Practices
- Other Profile Challenges
 - Display Name Changes
 - Privacy Concerns

AD USERS, PROFILES, & WSS SITE USERS

Why Didn't my Display Name Update?

AD Users, Profiles, & Site Users

- Foundation and Server are different
 - Foundation – UserInfo Table Only
 - Server – UserInfo Table and Profiles
- Profiles are imported from AD, LDAP, or via BCS once a day
- Profiles Synced to UserInfo Table
 - Quick Sync every 5 minutes (new users)
 - Full Sync hourly
 - Users not marked as active are NOT sync'd
- User information not pulled from consistent location
 - List metadata and Welcome label use users table
 - People search crawls profiles

Common Issues

- Some Profile Fields are not Editable
- Errors Editing Fields that require Managed Metadata
 - Ask me About
 - Job Title
 - Proxy Addresses
 - Office Location
 - Past Projects
 - Skills
 - Schools
- Profile changes not reflected in User Interface

Updating User Properties

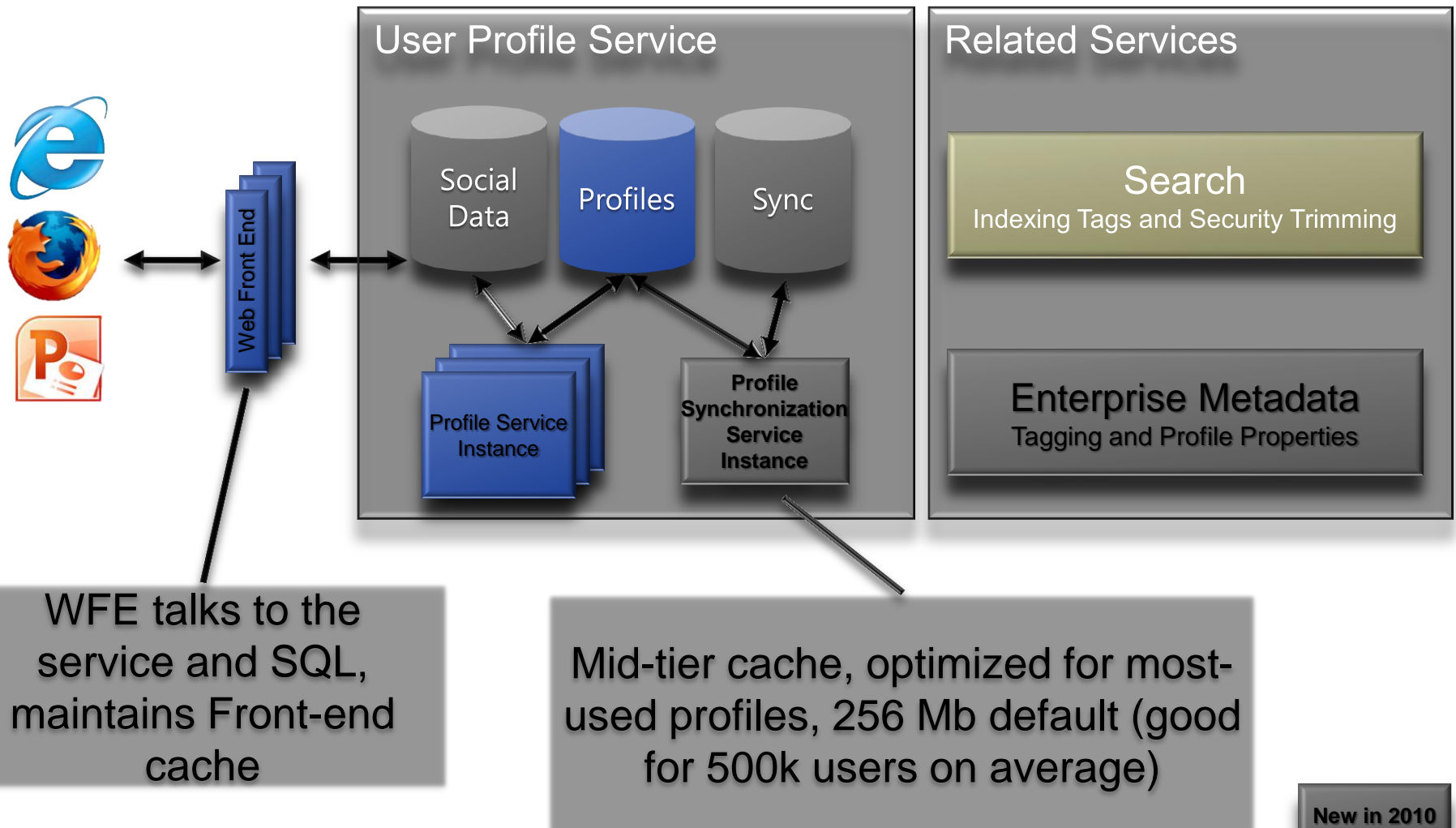


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CLEANING UP MYSITES AND PROFILES

Balancing the House of Cards

Profile Service Application Architecture



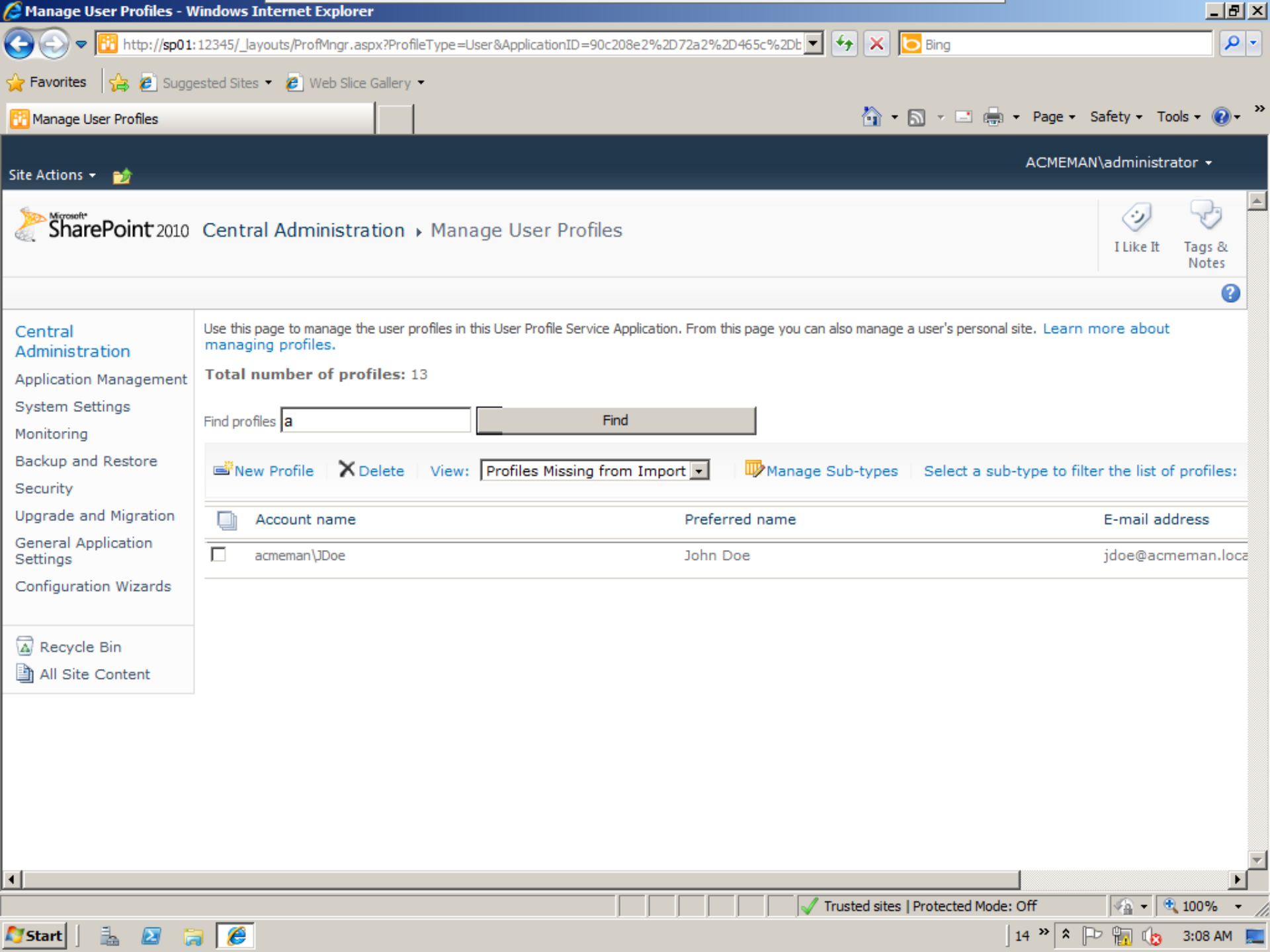
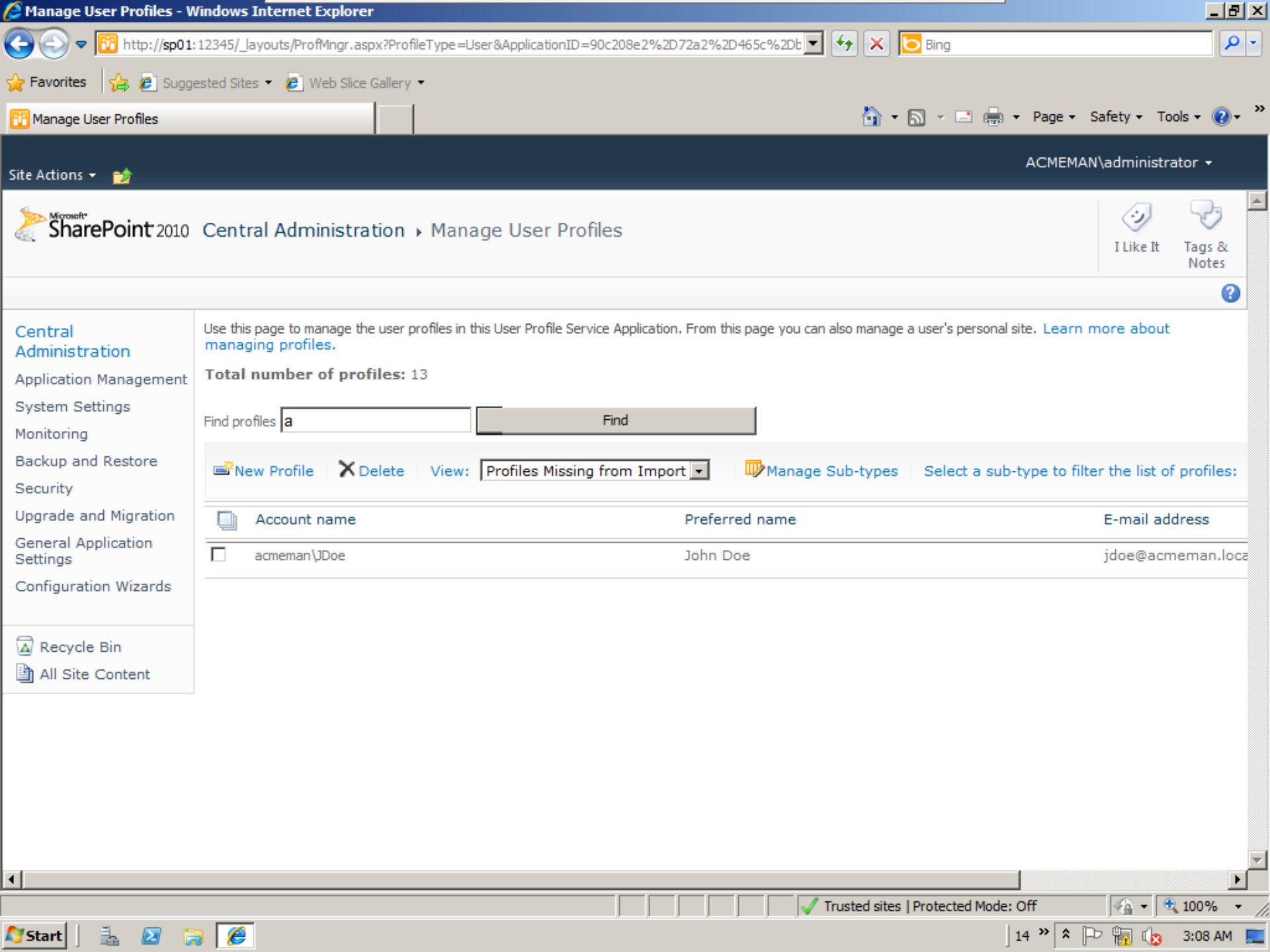
New in 2010

Cleaning up MySites and Profiles

• How its supposed to work

1. User's AD account/profile is deleted
2. Incremental User Profile Sync runs
3. My Site Cleanup Job runs
4. User's Manager receives e-mail and access to User's MySite
5. Manager retrieves Intellectual Property from MySite
6. User's MySite is deleted





User Profile Timer Jobs

Name	Description	Timing
Activity Feed Cleanup	Cleans up pre-computed activities that are used in activity feeds that are older than 14 days. This job does not affect the User Profile Change Log.	Daily at 3 AM
Activity Feed	Pre-computes activities to be shown in user activity feeds.	Hourly
Audience Compilation	Computes memberships of defined audiences.	Weekly, Sat at 1 AM
My Site Suggestions Email	Sends e-mail messages that contain colleague and keyword suggestions to people who do not update their profile often, prompting them to update their profiles.	Monthly, 15 th at 10 PM
Social Data Maintenance	Aggregates social tags and ratings and cleans the social data change log.	Hourly, 30 min after
Social Rating Synchronization	Synchronize rating values between Social Database and Content database	
Change Cleanup Job	Cleans up data that is 14 days old from User Profile Change Log.	Daily at 10 PM
Change Job	Processes changes to user profiles	Hourly, on the hour
Incremental Synchronization	Synchronizes user, group and group membership changes between the User Profile Application and specified directory source	Daily at 1 AM
Language Synchronization Job	Looks for new language pack installations and makes sure that strings that related to the user profile service are localized correctly.	Every minute
SharePoint Full Synchronization	Synchronizes user information from the user profile application to SharePoint users and synchronizes site memberships from SharePoint to the user profile application.	Hourly, on the hour
SharePoint Quick Synchronization	Synchronizes user information from the user profile application to SharePoint users who were recently added to a site.	Every 5 minutes
My Site Cleanup Job	When a user is deleted, sends an e-mail message to the manager containing a request to the manager to move any documents or data that the manager wants to preserve, because the site might be deleted in the future.	Hourly, on the hour
System Job to Manage User Profile Synchronization	Manages provisioning, run steps and additional tasks related to User Profile Synchronization. (Note: Don't Change Timing)	Every minute

File Message

Ignore
 Delete
 Reply
 Reply All
 Forward

Junk
 Delete

Move to: ?
 To Manager
 Team E-mail

Move

Mark Unread
 Categorize
 Follow Up

Translate

Zoom

Delete
 Respond
 Quick Steps
 Move
 Tags
 Editing
 Zoom

Links and other functionality have been disabled in this message. To restore functionality, move this message to the Inbox.
This message was marked as spam using the Outlook Junk E-mail filter.

From: administrator@acmeman.local

Sent: Tue 4/12/2011 8:28 AM

To: ben@acmeman.local

Cc:

Subject: The My Site of John Doe is scheduled for deletion

The My Site of John Doe is scheduled for deletion in 14 days. As their manager you are now the temporary owner of their site. This temporary ownership gives you access to the site to copy any business-related information you might need. To access the site use this URL: <http://mysites/personal/jdoe>

Site Actions



Central Administration > Site Use Confirmation and Deletion

Use this page to require site owners to confirm that their Web site collections are in use. Additionally, configure automatic deletion for unused Web site collections.



I Like It



Tags & Notes

Central Administration

Application Management

System Settings

Monitoring

Backup and Restore

Security

Upgrade and Migration

General Application Settings

Configuration Wizards

Web Application

Select a web application.

Web Application: **http://mysites/**

Confirmation and Automatic Deletion Settings

Specify whether site owners must confirm that their site collection is still in use, and how frequently to send e-mail confirmation notifications.

If notifications are enabled, you can also specify whether to delete the site collection automatically after sending a specific number of confirmation notices.

☒ Send e-mail notifications to owners of unused site collectionsStart sending notifications days after site collection creation, or use is confirmed.

Check for unused site collections, and send notices

 and run the check at ☒ Automatically delete the site collection if use is not confirmedDelete the site collection after sending notices**Caution: Automatic deletion permanently removes all content and information from the site collection and any sites beneath it.**

OK

Cancel

Issues & Weak Points

- Lots of dependencies
 - Manager must be defined in Active Directory
 - Manager must be a SharePoint User
 - “Dead Web Clean-up” must be Enabled
- Only works if user is Deleted (or Disabled Users are Filtered)
- References Left in InfoTable
- Manual clean-up of InfoTable causes errors

Automatic Profile Deletion



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OTHER PROFILE CHALLENGES

Orphaned Metadata

Additional Challenges

- How to keep from Importing All users
 - Filter based on OU
 - Filter based on UserProperties
- UserInfo still used in List & Library Metadata
 - Profile Synch Deletes User Profile but not UserInfo
 - If you delete User from Site Collection Metadata breaks
- Disabled Users
 - Filters can be created to delete Disabled User Profiles
 - Re-enabled users can't access old MySite
 - Re-enabled users can't create new MySite
 - Must Manually reset Personal Sites profile property

Profile Sync Filters

Property Filter	Bit On Equals Value
Disabled Account	2
Account Locked Out	5
No Password Required	6
Computer Account	13
Domain controller Account	14
Non-expiring password	17
Password Expired	24

• Full List available at:

<http://www.harbar.net/archive/2011/02/22/323.aspx>

UserInfo Table Entry Remains

- Disabled Users can no longer log in
- Profiles will be deleted if Filtered out of Sync
- Re-Sync'd Profiles have My Site Issues
 - Can't Connect to existing MySite
 - Can't Create a New MySite
 - Fix is to edit the Personal Site address property

Disabled Users and MySites



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Best Practice Alternatives

- Ensure that all dependencies are in place
 - or -
- Create a Workflow for offboarding
 1. Disable AD users rather than delete them
 2. Delegate Site Collection Administrator role
 3. Mark profiles inactive with custom field
 4. Do not remove old users from People and Groups list

Other Profile Best Practices

- Active Directory property updates
 - Display Name changes
 - Manager property changes
 - Syncing profiles and user list
- Setting Visibility of profile properties

Other Common issues with UPS

- SPFarm and Install account NOT Local Admin
- Synch Account doesn't have AD Replicate Directory Changes permission
- Netbios and FQDN Domain name don't match
- Running Central Admin over SSL
- FQDN used for SQL connection

Additional Resources

- Configure profile synchronization (SharePoint Server 2010) - Technet
<http://technet.microsoft.com/en-us/library/ee721049.aspx>
- Troubleshooting User Profile Sync Issues on SharePoint 2010 – Steve Chen
http://blogs.technet.com/b/steve_chen/archive/2010/10/13/troubleshooting-user-profile-sync-issues-on-sharepoint-2010.aspx
- Rational Guide to implementing SharePoint Server 2010 User Profile Synchronization- Spence Harbar
<http://www.harbar.net/articles/sp2010ups.aspx>

QUESTIONS?

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