XtraShare
for SharePoint

XtraShare for SharePoint

SharePoint Extranets for the Masses

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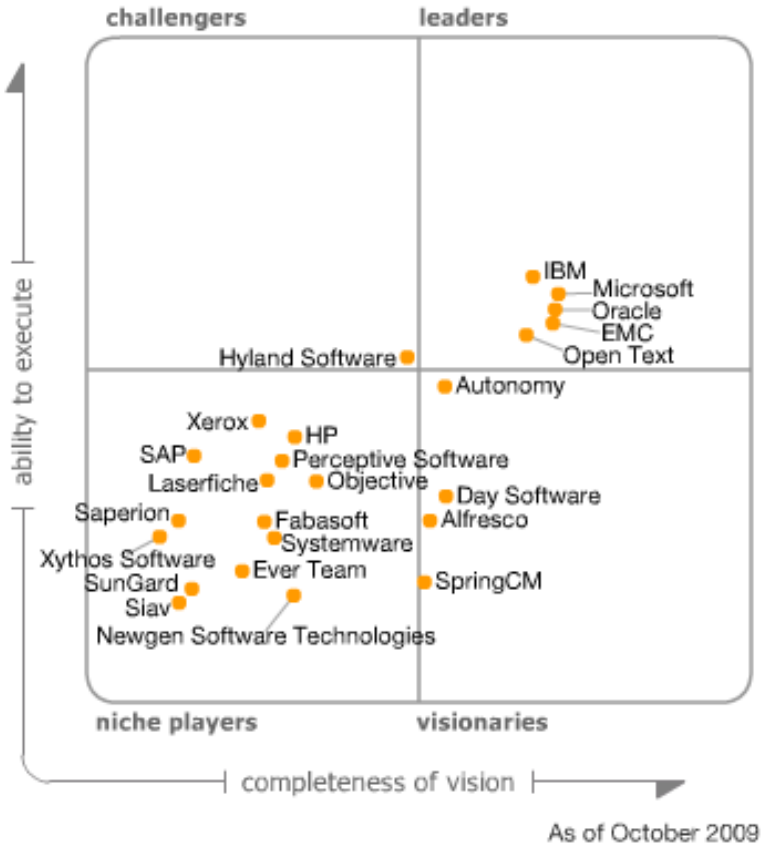
Microsoft SharePoint Server

State of the Union



Source: Gartner Magic Quadrant
Enterprise Content Management

80% of businesses will be using SharePoint this year {2010} – **Gartner**
Source: Article

SharePoint surpassed sales of **1 billion dollars and 100 million users in 2008**. It is the fastest growing server product in the history of the company according to Microsoft.
Source: Bill Gates Press Release

IDC survey of 300 users found **61 percent were deploying SharePoint enterprise-wide**, and that 28 percent of those using SharePoint in departments now are expected to expand usage to the enterprise within the next 12 months
Source: CIO Magazine

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The SharePoint Potential

A multi-purpose ECM platform

- A Portal and Collaboration Platform with phenomenal Success in the Enterprise World
  - 100M+ users
  - 1B$ revenue
  - Originally designed to work in the Intranet, but…
- Usage growing in external-facing scenarios
  - +1,600 referenced internet sites http://www.wssdemo.com/Pages/websites.aspx
  - SharePoint 2010 for Internet Sites

Addressing Evolving Business Needs

Enabling the Fluid Organization

- Collaboration Boundaries defined by Business Needs, not Technology Limitations
  - Virtual Communities
  - From Suppliers to Customers through Partners and Contractors
- Collaboration drives Competitive Advantage
  - Deliver Productivity Edge by scaling initiatives
  - Reduce Time to Decision
  - Improve Business to Business Intimacy
- Acknowledge Key Consumer Trends
  - Adapt to the Social Networking Paradigm
  - Information Finds You
  - Information Access based on User Profiling

Overcoming Technical Obstacles

Key SharePoint Extranet Deployment Challenges

- No FBA OOTB solution
  - Open source initiatives only solve part of the problem
  - Additional development efforts often required
- Significant technical expertise necessary to deploy SharePoint "beyond the firewall"
  - Steve Peshka on MS SharePoint blog: "Admittedly, there are many steps involved in configuring multiple authentication providers for SharePoint"
  - Manual steps increase deployment risks and maintainability
  - Cost prohibitive for small/mid-size businesses (consulting services, etc…)
- User management outside of SharePoint
  - Difficulty to delegate user management

Many organizations just choose not to deploy SharePoint Extranets

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Identifying Extranet Requirements

- Active Directory/ADAM default integration makes it difficult to:
  - Open SharePoint to the « outside world »
  - Send email notifications (e.g. credentials) to users
  - Allow password reminder and reset
  - Allow users to self-register
  - Delegate user management to external users
  - Implement multi-tenancy
- Technical issues with an alternative authentication store
  - Custom development of ASP.NET providers
  - Complex modifications of web.config files
  - Custom development of the user management interface

What is XtraShare for SharePoint?

A Fully Packaged,
Tightly Integrated,
New Generation
Extranet Enablement Solution
for SharePoint

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A Fully Packaged Solution

Key Automation Benefits

- Delivering on the Promise
  - Technical expertise is no longer needed
  - User friendly for the broader IT population

- Full Automation
  - Creation of the user store (SQL Server)
  - Security access configuration to user store from SharePoint
  - Complex modifications of configuration files
  - Authentication providers configuration
  - AJAX Enablement
  - Web Parts deployment
  - Login Web Part instantiation on home page

A Tightly Integrated Solution

Key Architectural Features

- Fully built on .NET and SharePoint features
- Management site integrated in SharePoint Central Administration
  - Configuration, FBA activation, user/group management
- Site template for delegated user management
- Web Parts for login, self-registration, password modification, password reminder

Opening the Door to New Usages

Scenarios made possible by XtraShare

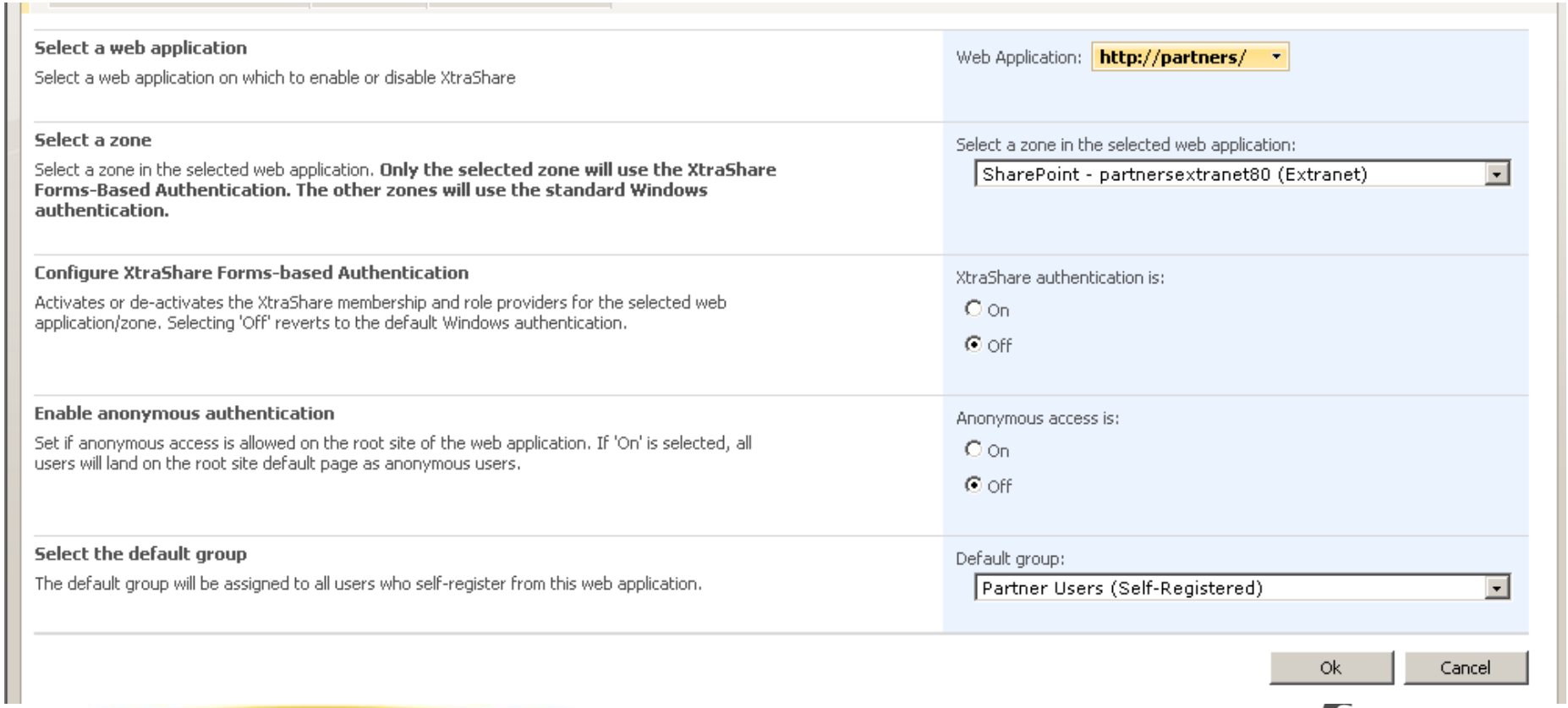
- Customer and Partner Extranet Sites
  - Credential Notifications (Email Templates)
  - Easy User-to-Group Assignment (Drag'n'Drop TreeView)
  - Mass import/update of users (Excel Integration)
- Anonymous Internet Sites
  - Extensible Self-Registration w/ Captcha
  - Default Group Assignment
  - Password Change/Password Reminder
- Social Networking/Community Sites
  - Delegated Administration
  - Multi-Tenancy

Technical Background

- XtraShare Administration Site available in the SharePoint Central Administration
  - Automatically provisioned at installation time
  - Powered with ASP.NET AJAX 3.5
- SQL Server 2008 database as user store
  - Associated .NET Object Model
  - Created from the XtraShare Administration UI (no scripting involved)
- 6 fully customizable end-user Web Parts
  - Login
  - Password Reset
  - Password Reminder
  - Self-registration
  - Profile Management
  - Site Collections Viewer

Administration features (1)

- Automated activation/de-activation of Forms-Based Authentication on a specific web application/zone (with or without anonymous access)



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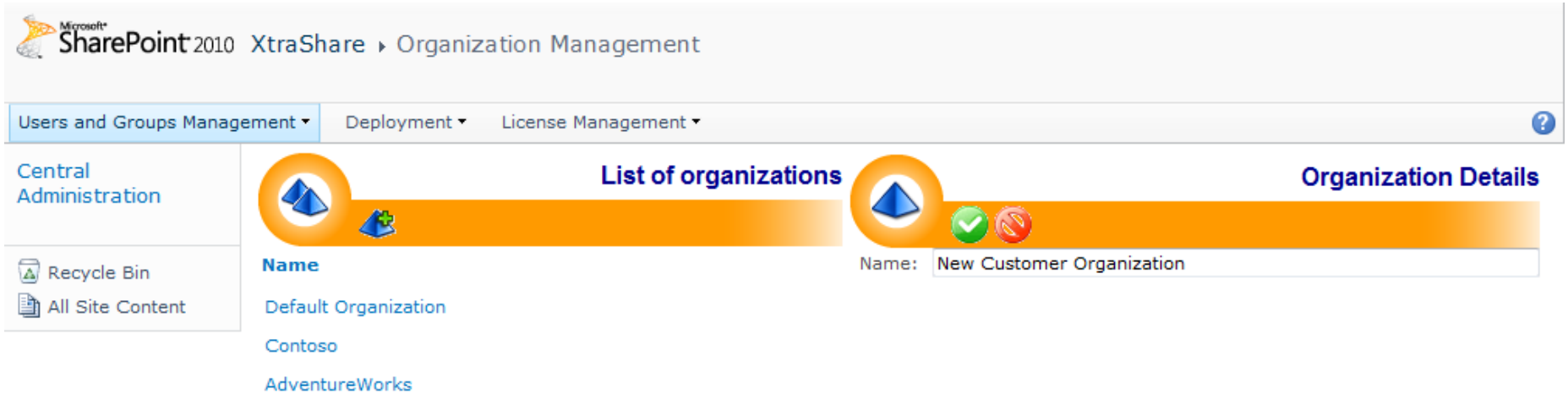
Administration features (2)

- Delegated administration is managed through the concept of "organization"
  - Each group belongs to a single organization
  - Once created, a group (and its users) cannot be moved to another organization to enforce the existence of separate subsets of groups and users



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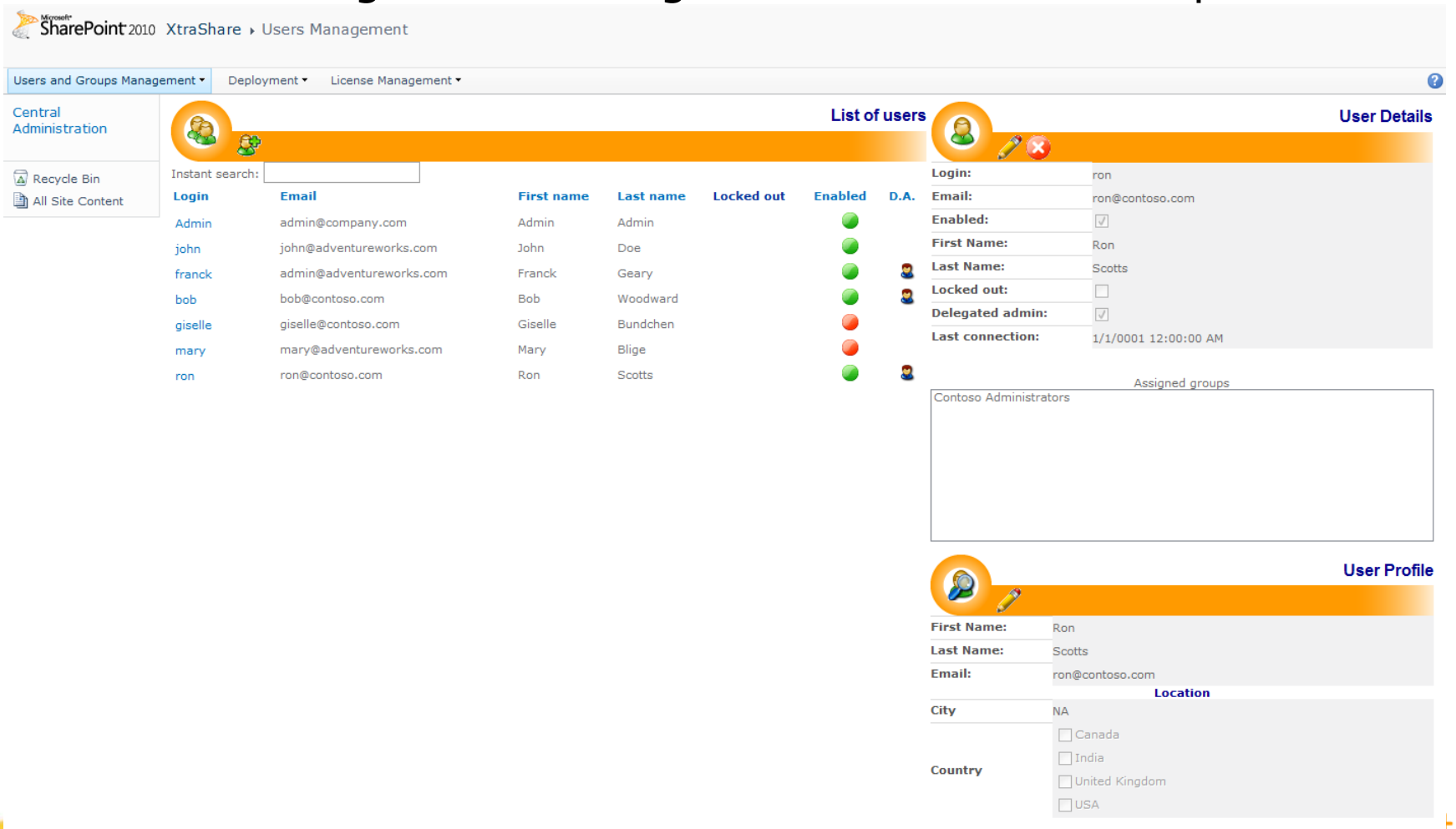
Administration features (3)

- User management through AJAX connected webparts



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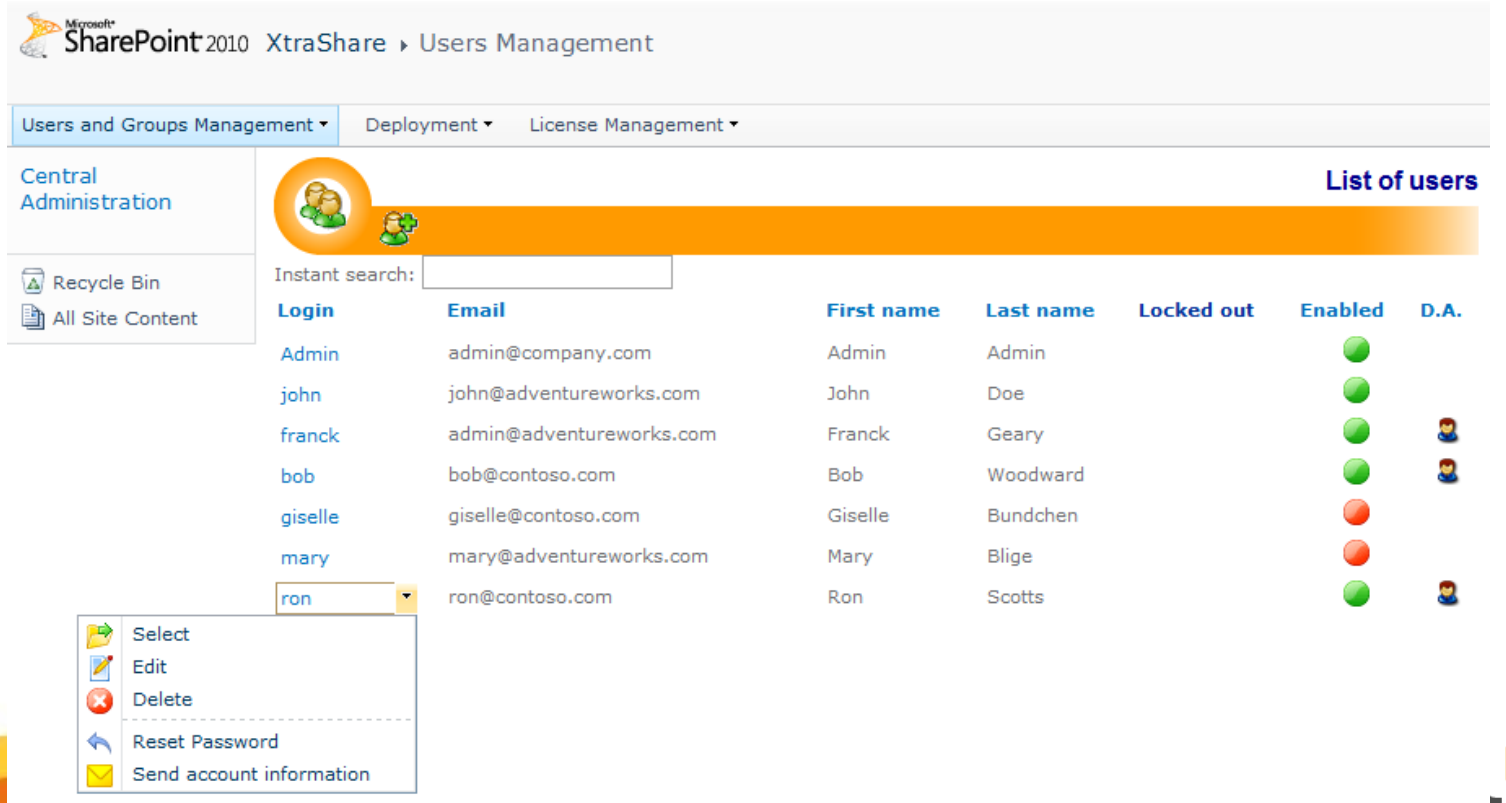
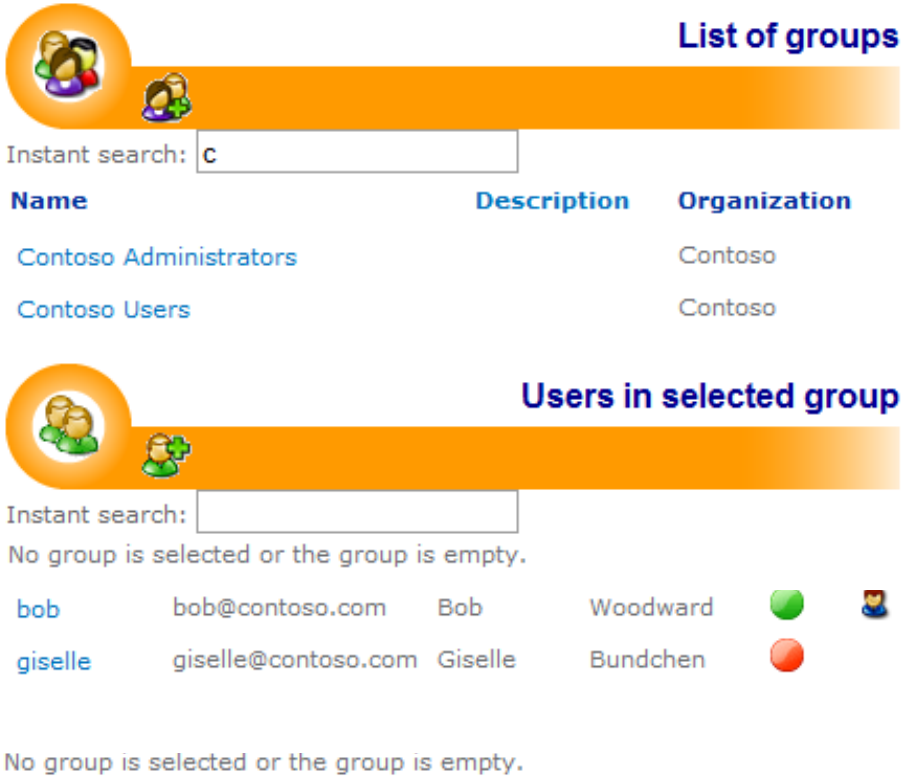
Administration features (4)

- Standard CRUD Functionality (Create/Read/Update/Delete)
- Password Reset
- Login/Password mail notification
- HTML email templates
- Enabled/Disabled State, Lock out (after 3 unsuccessful logins)



Administration features (5)

- Dynamic AJAX Search for users and groups
- Ability to filter users by group



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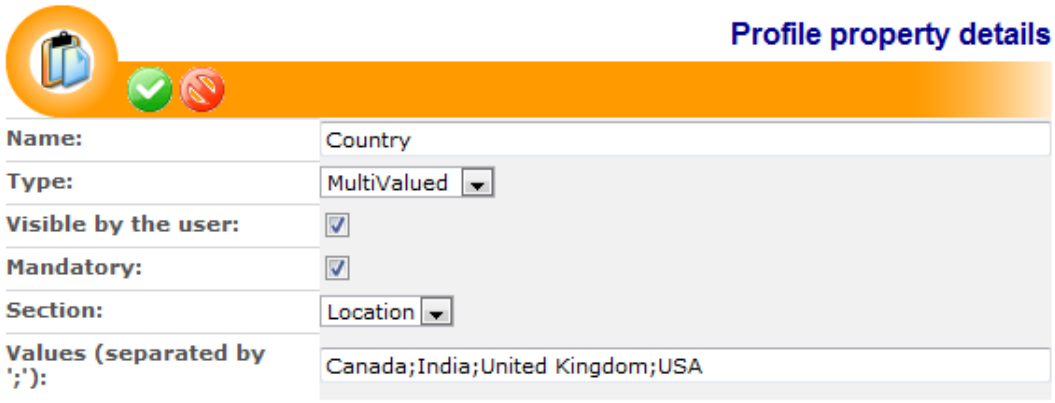
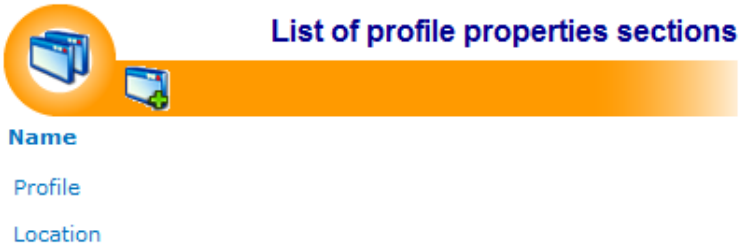
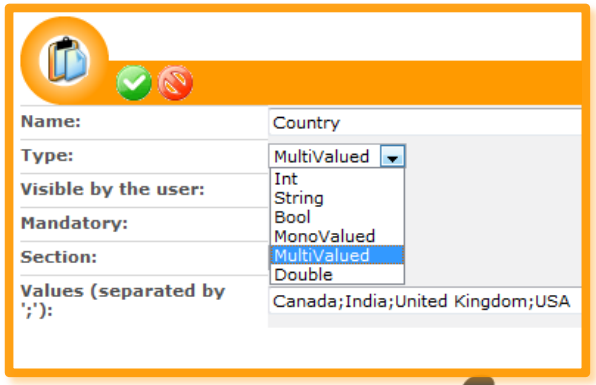
Administration features (6)

- Extensibility of the default user entity through custom properties
  - Modifications may add additional fields to the self-registration webpart depending on each property's configuration







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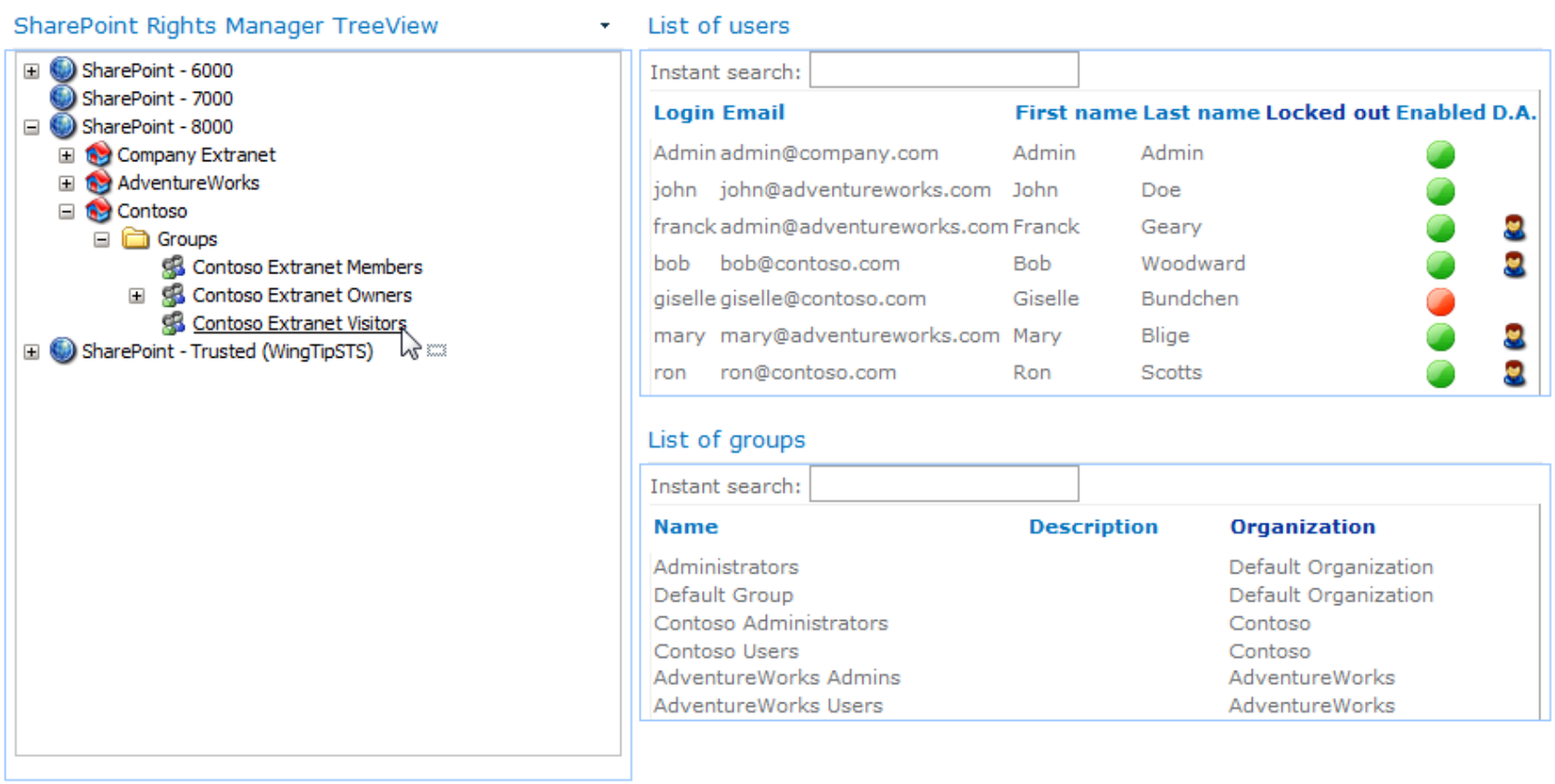
SharePoint Rights Manager

- User or group assignment to a SharePoint group through a simple "drag and drop" operation



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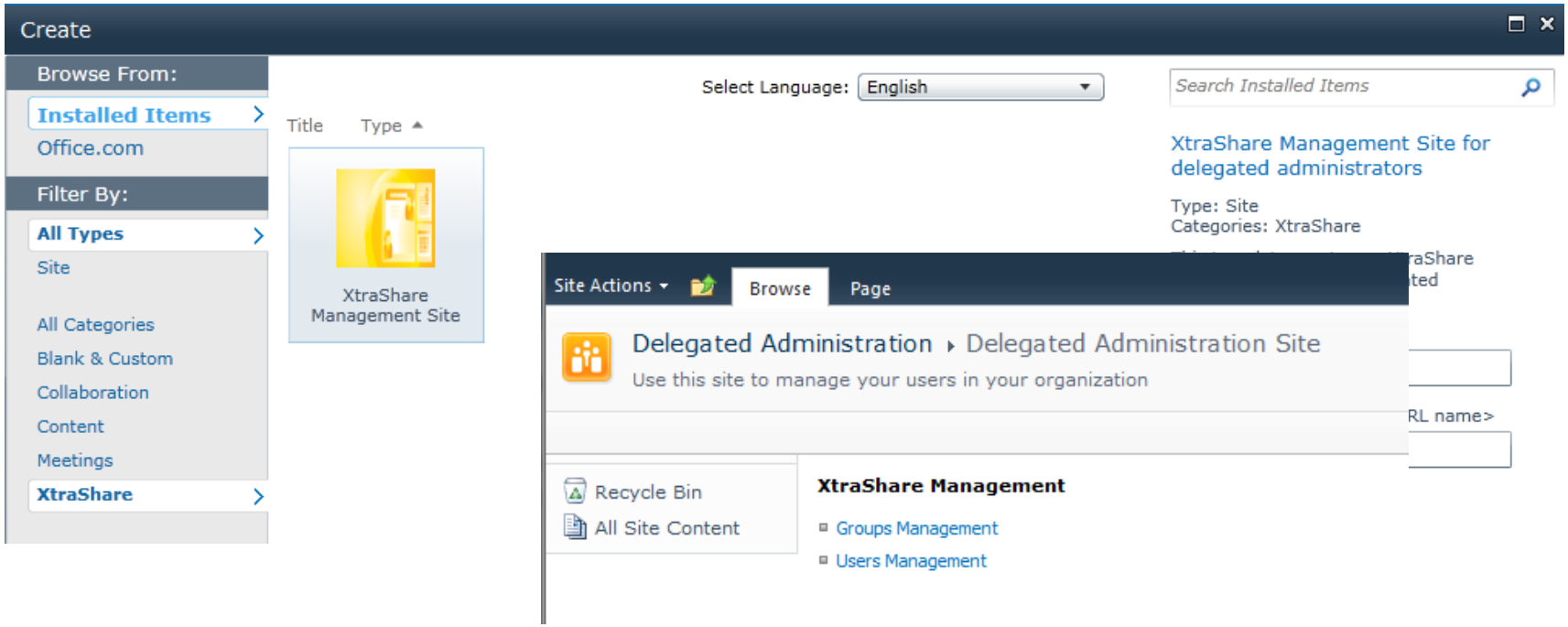
Delegated administration (1)

- Specific site definition for delegated administrators
- Access to a reduced set of functionality
  - User and group management only
  - Access to this site is granted using standard SharePoint Permissions (read access is sufficient)



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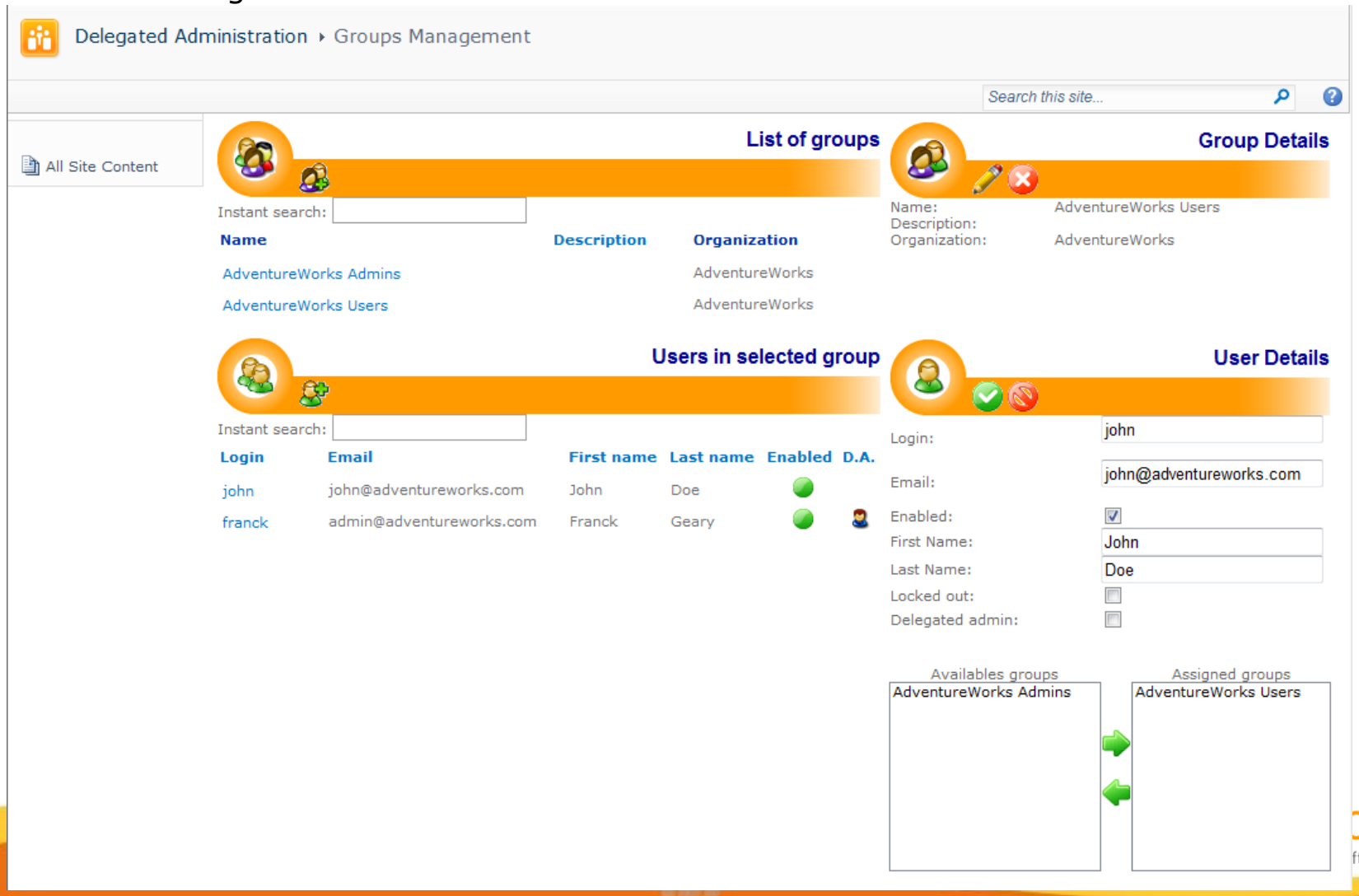
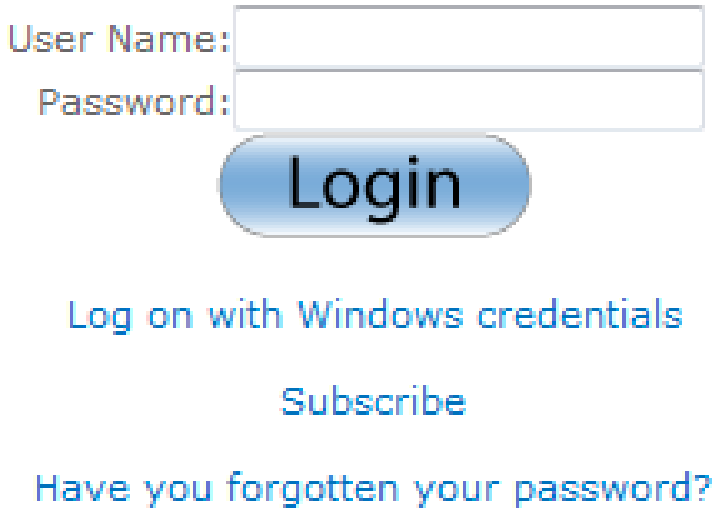
Delegated administration (2)

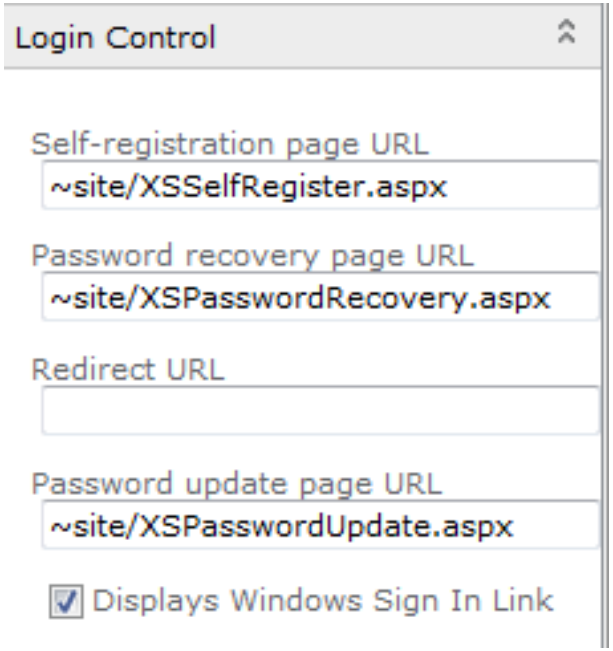
- Multi-tenancy functionality: delegated admins can only manage users and groups in their own organization



End-user features (1)

- Login Web Part
  - Optional links to self-registration page and password reminder page
  - Automatically added to the default page of the root site collection if anonymous access is enabled in XtraShare Central Administration





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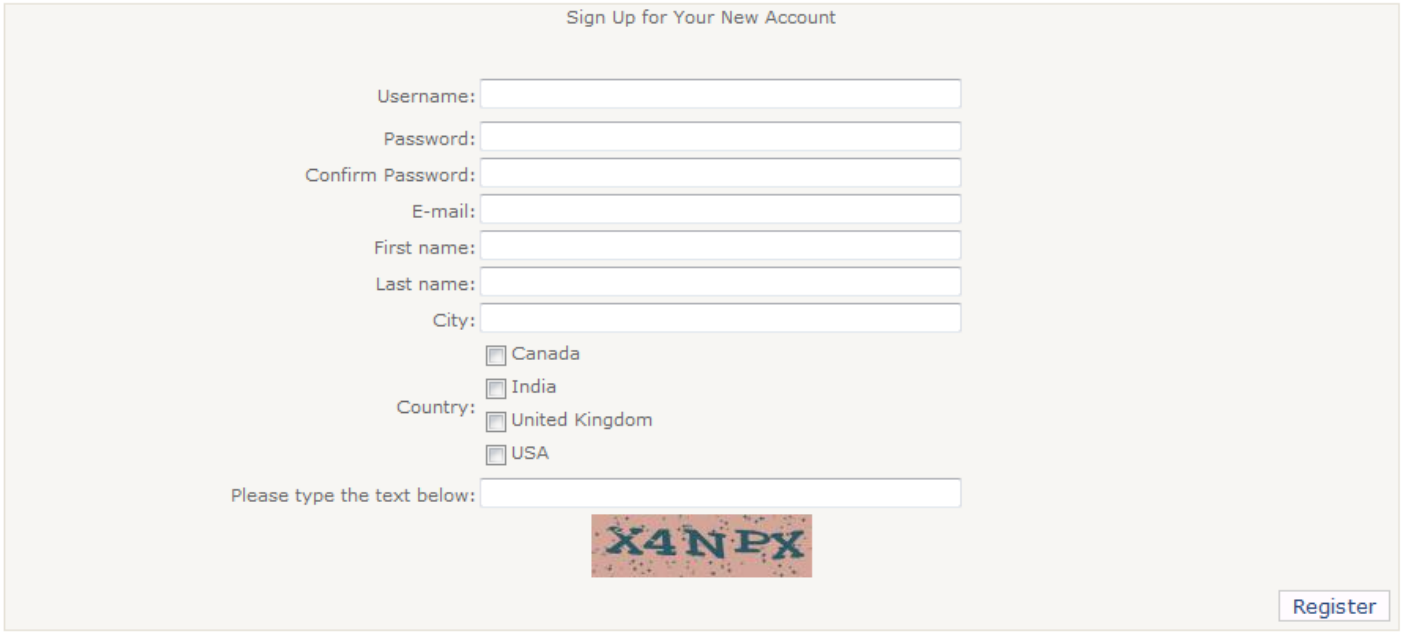
End-user features (2)

- Self-registration Web Part
  - Anti-spam CAPTCHA functionality
  - Optional Account Activation by Email
  - Additional, configurable properties (linked to user profile properties)



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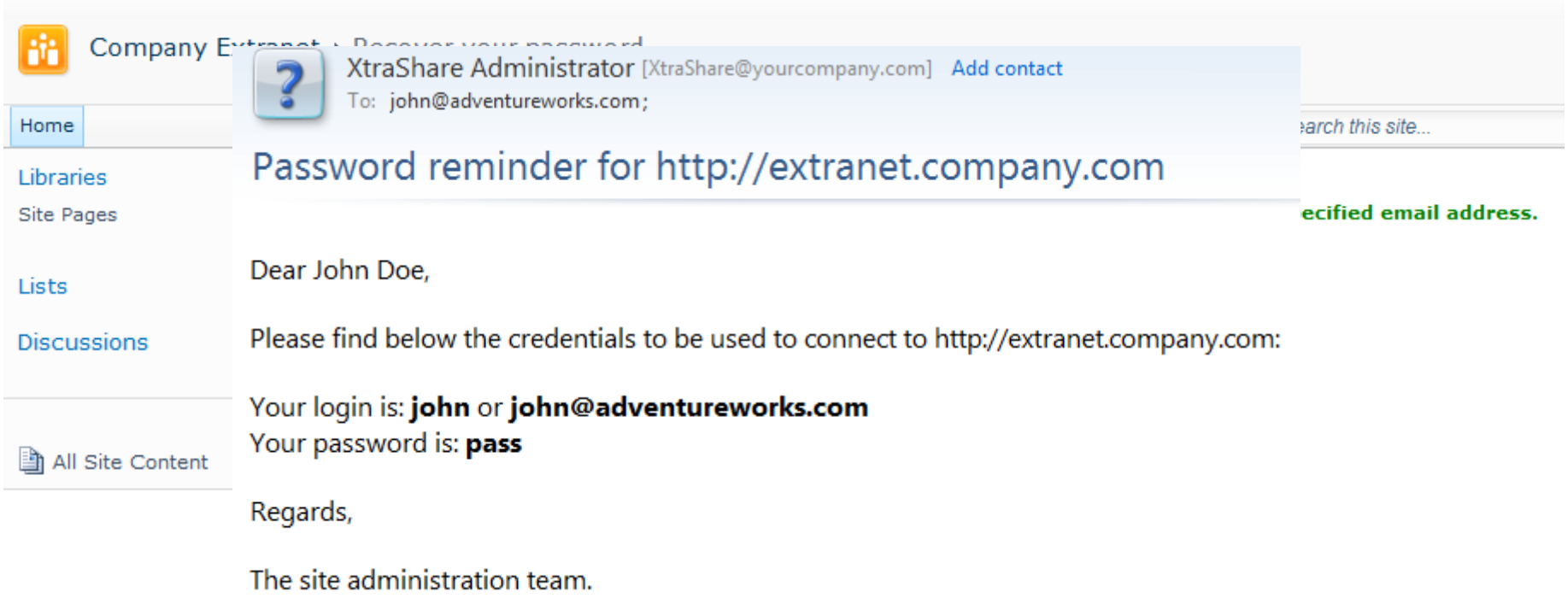
End-user features (3)

- Password Reminder Web Part



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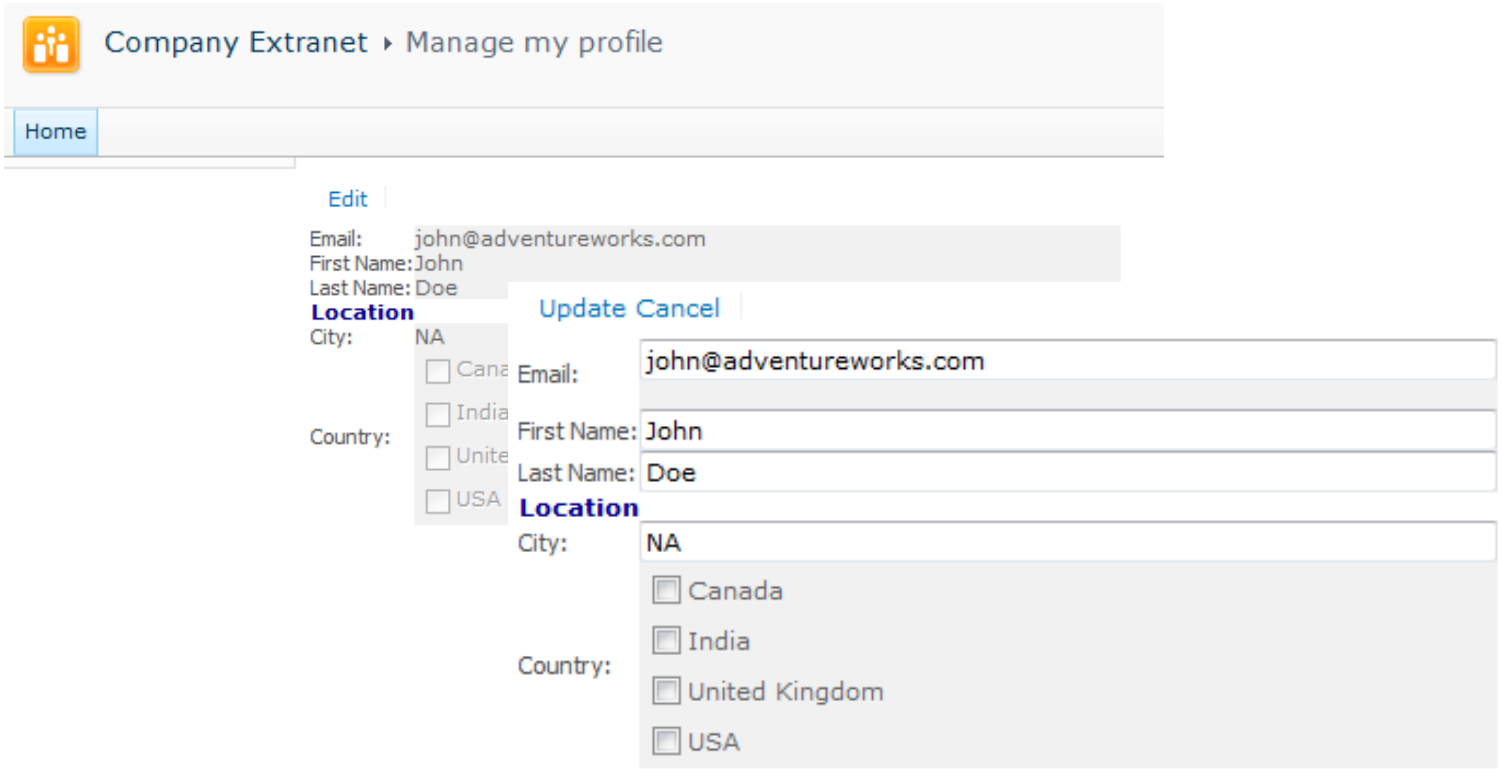
End-user features (4)

- Profile Management Web Part



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