

Anonymous Access



Everything you always wanted to know, but didn't know to ask

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About the Speaker...

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 - Author, upcoming October 2009
MCTS: Windows SharePoint Services 3.0 Configuration Study Guide (70-631) by Wiley



Agenda

- Configuring Anonymous Access
- How Anonymous Access Works
- Securing Specific Files
- Anonymous Responses to Discussion Lists
- Other Problem Workarounds



Agenda

- Configuring Anonymous Access
- How Anonymous Access Works
- Advanced Configuration
- Problem Workarounds
- Unresolved Problems

Basic Configuration

- IIS Configuration
 - Turn on in IIS manager or Central Admin
- Web Site
 - Choose Entire Web (Read Only)
 - Lists and Libraries
- Lists and Libraries
 - View Only for Libraries
 - Add, View, Edit, and Delete for Lists


How It Works

- Does not use IUSR_*computername* account
- Uses *Limited Access* permission level
- Potential problems (example Search Results page)
 - Inheriting from `LayoutsPageBase` prevents non-authenticated access
 - `ViewFormPagesLockdown` Feature prevents access to `_Layout` pages like `AllItems.aspx`
 - Anonymous Access permissions granted to users on All Zones

Demo

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CONFIGURING ANONYMOUS ACCESS



This demo will explore the basic techniques used for configuring anonymous access. We will also look at some of the potential problems.



Advanced Configuration

- Securing specific files in an anonymous access site.
- Enabling Browsing and Read/Write access to anonymous lists.
- Verifying security on 12 hive files

Requiring Authentication for Specific Files

- Anonymous Access not configurable at the List Item or File level
- List Items and Files INHERIT permissions from Lists or Libraries
- Breaking Inheritance will require Authentication to access the List Item or File

Write Access to Lists

- Lists and Libraries doesn't allow access to root URL

Solution:

1. Configure Web Access First
2. Break Inheritance on List/Library
3. Configure List Anonymous Access

Security on 12 hive files

- Turn off ViewFormPagesLockdown Feature
- UnsecuredLayoutsPageBase class
 - Abstract class
 - Create inherited class for custom pages



Demo

Demo

ADVANCED CONFIGURATION TECHNIQUES

This demo will explore some of the advanced configuration techniques available when configuring anonymous access in SharePoint.

Remaining Problem Work Arounds

- Access to _Layouts pages
 - Remove Inherits=
 - Subclass UnsecuredLayoutsPageBase
- Anonymous Access MySite
 - Grant Anonymous Access to child site of MySite
- Declarative (SPD) Workflows (post SP1)
 - Submission by eMail fires workflow
- BLOG comments
 - Codeplex [Anonymous Comment Feature for SharePoint Blog](#)



Demo

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PROBLEM WORKAROUNDS

This will demonstrate some of the potential workarounds for problems encountered when configuring anonymous access.