

Anonymous Access Best Practices

ITP 345

About the Speaker...

- ▶ Paul Papanek Stork, MVP, MCT, MCSE+I, MCSA, MCSD, MCDBA, MCITP, MCPD
 - Mindsharp
 - <http://www.mindsharp.com>
 - Paul.Stork@mindsharp.com
 - Contributing Author, *Developer's Guide to Windows SharePoint Services 3.0 & Microsoft Office SharePoint Server 2007 Best Practices*

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

- ▶ Doesn't use `IUSR_computername`
- ▶ Uses Limited Access Permission Level
- ▶ Inheriting from `LayoutPagesBase` prevents non-authenticated access
- ▶ `ViewFormPagesLockdown` prevents access to `_Layout` pages like `AllItems.aspx`
- ▶ Anonymous Access permissions given to users on All Zones



Configuration Best Practices

- ▶ Use a Dedicated Zone
- ▶ Enable Account Lockdown Mode for Publishing Sites Only
- ▶ Minimize Access to _Layout Pages
- ▶ Host Central Administration on a Dedicated WFE

Demo



Enabling Publishing adds a number of caching options to SharePoint. Choosing and configuring appropriate caching can be difficult. This demo will explore the effect of various caching alternatives.

CONFIGURING ANONYMOUS ACCESS

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



Advanced Configuration Best Practices

- ▶ Custom Security Inheritance hard to maintain
- ▶ Easier if SharePoint Groups are used
- ▶ Set Security on Files added to 12 hive to Inherit

Demo



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ADVANCED CONFIGURATION TECHNIQUES

Problem Work Arounds

- ▶ Access to _Layouts pages
- ▶ Anonymous Access MySite
- ▶ Declarative (SharePoint Designer) Workflows (post SP1)
- ▶ BLOG comments



Workaround Best Practices

- ▶ Remove Inherits= or create custom class for access to _Layouts pages
- ▶ Set Anonymous Access on MySite child sites
- ▶ Start Declarative Workflows using eMail enabled Lists/Libraries
- ▶ Search <http://www.Codeplex.com> for other solutions

Demo



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PROBLEM WORKAROUNDS

Unresolved Problems

- ▶ Anonymous File Upload
- ▶ Access to MySite root

Post conference DVD with all slide decks

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