

# Anonymous Access Best Practices

ITP 345

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# 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

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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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