



W-04: Deploying Windows 7 using Microsoft Deployment Toolkit 2010

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Home...

Purpose

- Build a superior deployment solution
 - Using MDT 2010 - Lite Touch
 - Level 300 (Experienced)
- Will not cover ConfigMgr 2007
 - Separate session starting 12:45 (this room)

Demo Environment

- Hyper-V R2, 8 GB RAM, 1 TB HDD



DC01
DC and DNS



DC02
DC and DNS



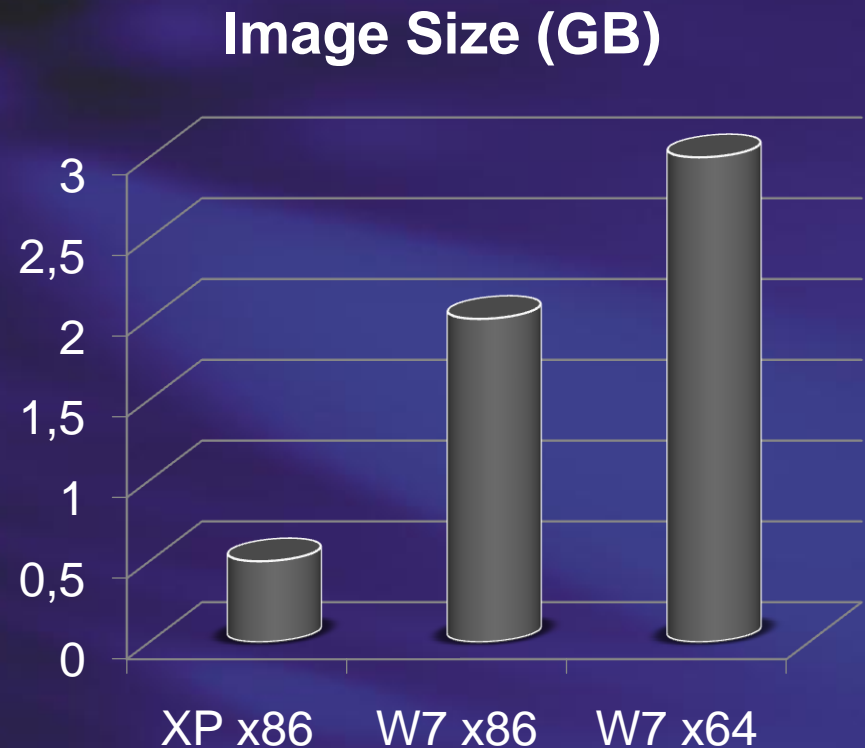
MDT01
MDT 2010
WDS, WSUS and DHCP
SQL 2008 Express SP1



CM01
MDT 2010
SQL 2008 SP1
WDS, WSUS and DHCP
ConfigMgr 2007 SP2

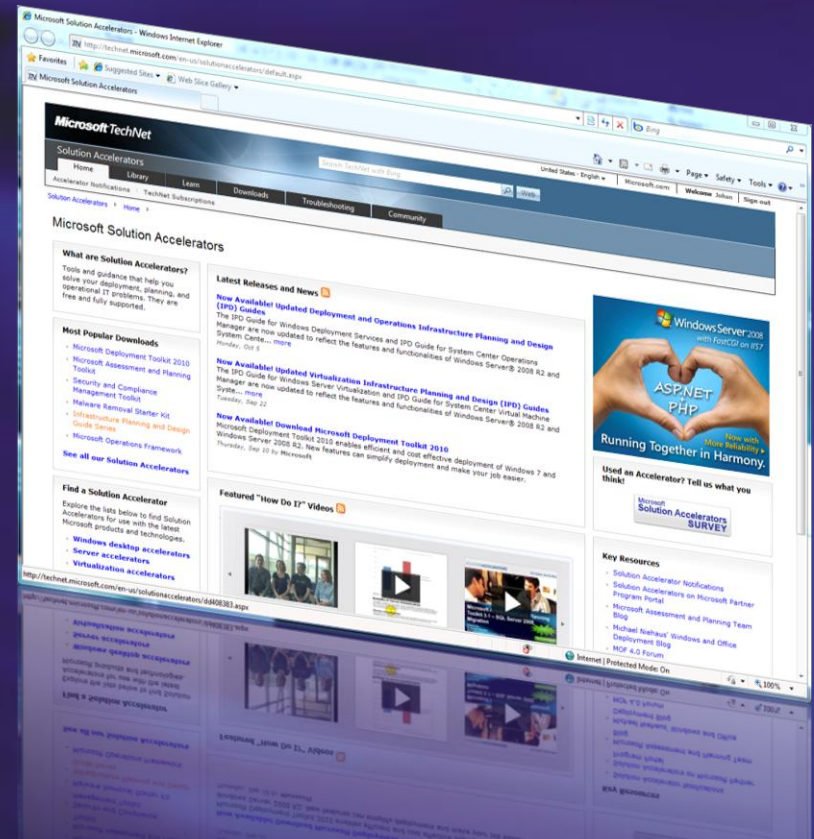
Windows 7 Deployment

- Larger images
 - Branch Office scenarios
 - Offline Solutions



MDT 2010... A New Standard

- A Solution Accelerator – Get the job Done!
- Deployment Tools
- Supported
- Free Download !



LTI System Requirements

- Server Operating Systems
- Client Operating Systems
- Tools
 - WAIK 2.0 & Powershell
 - (WDS, WSUS and SQL)



Stop using WDS, use WDS!

- Real World Usage
 - PXE Support
 - MultiCast Support
- Featuring
 - OS Deployment (sort of...)

DEMO – BUILDING TIME...

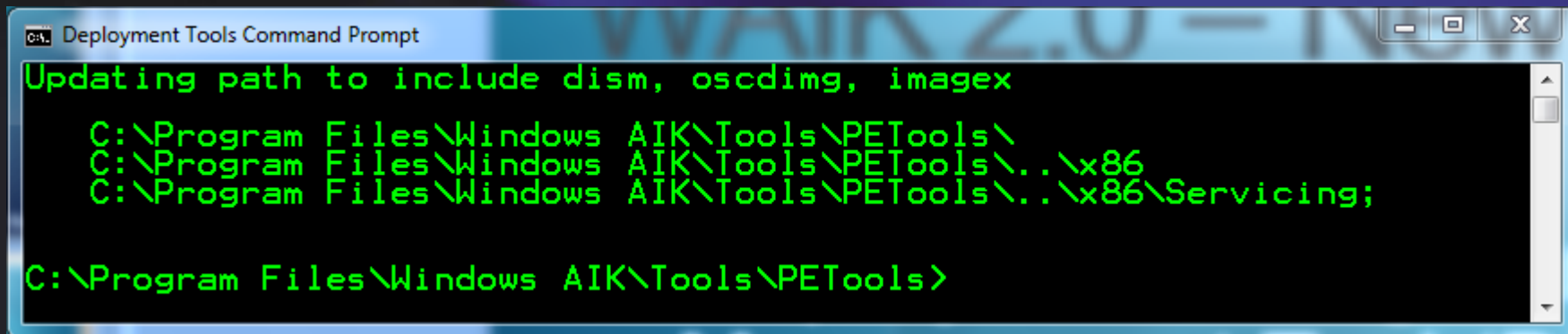
Demo Overview

- Build the Basic Solution
- Scaling Up - Going Into Production
- Rules, Applications and Drivers
- Distributed environments
 - Branch Office and Offline Media

WHILE UPDATING... WAIK 2.0

WAIK 2.0 – New Tools

- Deployment Image and Servicing and Management Tool (DISM)
 - Replaces PKGMGR, PEIMG, INTLCFG



```
C:\> Deployment Tools Command Prompt

Updating path to include dism, oscdimg, imagex
    C:\Program Files\Windows AIK\Tools\PETools\
    C:\Program Files\Windows AIK\Tools\PETools\..\x86
    C:\Program Files\Windows AIK\Tools\PETools\..\x86\Servicing;

C:\Program Files\Windows AIK\Tools\PETools>
```

WAIK 2.0 – Updated Tools

- ImageX, WIM Filter Driver
- Windows PE 3.0
- USMT 4.0
 - Hard links
 - Offline Migration Support
 - VSC

DEMO – CONTINUING...

Rules (CustomSettings.ini)

External
Scripts

```
Function Setname()  
Dim re  
Set re=new RegExp
```



SQL

Web Services



DEMO – RULES...

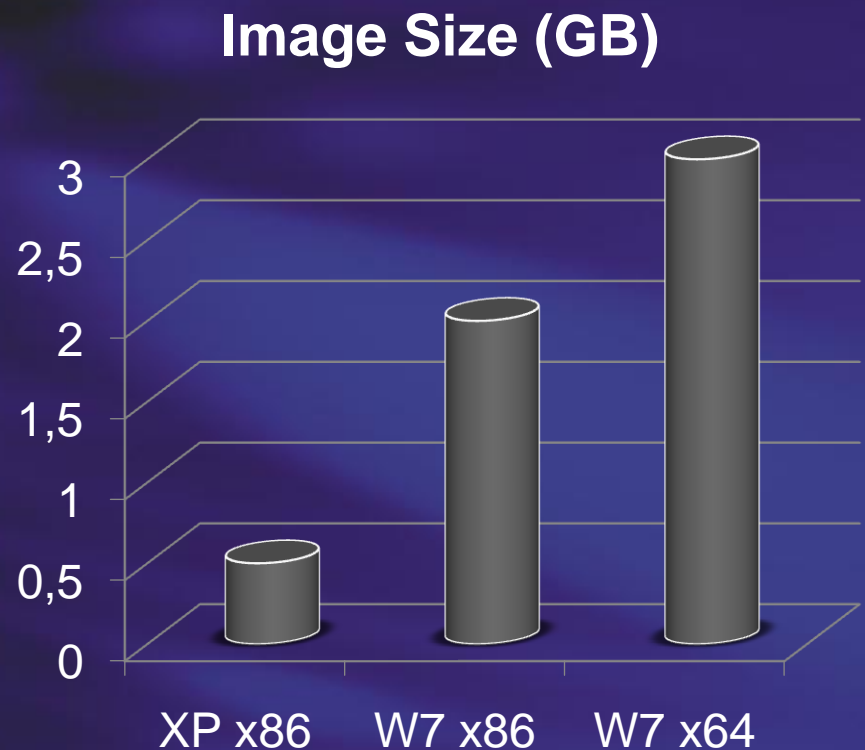
Drivers

- Scenario #1 – 1 OS, 5 Models
- Scenario #2 – 2 OS's, 5 Models
- Scenario #3 – 3 OS's, 15 Models

DEMO – DRIVERS

Remember this?

- Larger images
 - Branch Office scenarios
 - Offline Solutions



DEMO – BRANCH OFFICE AND OFFLINE MEDIA

www.deploymentcd.com

• Step-by-Step Guides and Video Tutorials

Deployment CD - Windows Internet Explorer

https://www.deploymentcd.com/

File Edit View Favorites Tools Help


Favorites Suggested Sites Web Slice Gallery

Deployment CD

Page Safety Tools

New class!!! - Windows 7 Deployment using MDT 2010 and SCCM 2007 SP2
Training with Johan Arwidmark (Microsoft MVP) - London, New York and Copenhagen

DOWNLOAD A FREE COPY OF THE SECOND TRUESEC DEPLOYMENT CD



This second Deployment CD has the following detailed Step-by-step Guides and Video Tutorials:

MDT 2010 Lite Touch Deployments (just the free tools)

- Installing the server for MDT 2010 Lite Touch
- Creating a Windows 7 reference image using Lite Touch
- Deploying a Windows 7 image using Lite Touch
- Dynamic Settings, creating and using the deployment database

MDT 2010 Zero Touch Deployments (deployment with ConfigMgr 2007 SP2 R2)

- Installing the server for MDT 2010 Zero Touch and ConfigMgr 2007 SP2
- Creating a Windows 7 reference image using ConfigMgr 2007 SP2
- Deploying a Windows 7 image using ConfigMgr 2007 SP2
- Dynamic Settings, creating and using the deployment database

Additional Presentations

- New features in MDT 2010
- Upgrading MDT 2008 to MDT 2010
- Migrating Windows XP to Windows 7

DEMONSTRATION VIDEOS AND STEP-BY-STEP GUIDES FOR
MDT 2010 AND SCCM 2007 SP2 OS DEPLOYMENT

Internet | Protected Mode: On 125%

Resources

- Blogs on Deployment
 - www.deployvista.com
 - www.myitforum.com
 - <http://blogs.technet.com/msdeployment>
 - <http://blogs.technet.com/deploymentguys>
 - <http://blogs.technet.com/mniehaus>

Other Deployment Sessions

- Sessionslokale 1 – 12:45
 - M-02: Windows 7 udrulning med SCCM 2007
- Sessionslokale 2 – 14:30
 - W-05: Windows Internals – Windows 7 Setup and Windows AIK 2.0

Campus Days
14.-16. januar 2010



THANK YOU!