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Windows 10 for Enterprise: Deployment

Speaker name
Title

Microsoft
The End of Wipe and Reload!

Managed in-place upgrade

Runtime configuration – customize without imaging

Reduced validation and deployment costs
App & Device Compatibility

- Hardware requirements are unchanged
- Strong desktop app compatibility
- Windows Store apps are compatible
- Internet Explorer enterprise investments
Enterprise Investments for Internet Explorer 11

Help with Compatibility Issues

- Enterprise Mode, offering improved Internet Explorer 8 compatibility and document type overrides
- Enterprise Site Discovery Toolkit, to better understand how users are browsing
- All capabilities will be carried forward to Windows 10

A Natural Stepping Stone to Windows 10

- Migrate to Internet Explorer 11 on Windows 7 (before 2016) to prepare
Deployment Choices

**Wipe-and-Load**

**Traditional process**
- Capture data and settings
- Deploy (custom) OS image
- Inject drivers
- Install apps
- Restore data and settings

Still an option for all scenarios

**In-Place**

**Let Windows do the work**
- Preserve all data, settings, apps, drivers
- Install (standard) OS image
- Restore everything

Recommended for existing devices (Windows 7/8/8.1)

**Provisioning**

**Configure new devices**
- Transform into an Enterprise device
- Remove extra items, add organizational apps and config

New capability for new devices
## Moving In-place

<table>
<thead>
<tr>
<th>Preferred option for enterprises</th>
<th>Simplified process, builds on prior experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Supported with Windows 7, Windows 8, and Windows 8.1</td>
<td>• Popular for Windows 8 to Windows 8.1</td>
</tr>
<tr>
<td>• Consumers use Windows Update, but enterprises want more control</td>
<td>• Piloted process with a customer to upgrade from Windows 7 to Windows 8.1, as a learning process</td>
</tr>
<tr>
<td>• Use System Center Configuration Manager or MDT for managing the process</td>
<td>• Feedback integrated into Windows 10 to provide additional capabilities for automation, drivers, logging, etc.</td>
</tr>
<tr>
<td>• Uses the standard Windows 10 image</td>
<td>• Working with ISVs for disk encryption</td>
</tr>
<tr>
<td>• Automatically preserves existing apps, settings, and drivers</td>
<td>• Fast and reliable, with automatic roll-back if issues are encountered</td>
</tr>
</tbody>
</table>
Provisioning, not reimaging

- Take off-the-shelf hardware
- Apply a provisioning package
- Device is ready for productive use
New Project

Enter Project Details

Name:
Enterprise

Location:
C:\Users\Michael\Documents\Windows Imaging and Configuration Designer (WICD)\Enterprise

Description:

Next
Windows Imaging and Configuration Designer

Build Provisioning packages, customize and build Windows Client and Windows Mobile images.

Start
New Project...
Open Project...

New Project
Choose Workflow

<table>
<thead>
<tr>
<th>Project Workflows</th>
<th>Workflow Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Provisioning Package</td>
<td>Use this workflow to build a customization package that targets a windows edition. You may then use this package to build a windows image, or customize an existing one.</td>
</tr>
<tr>
<td>Imaging</td>
<td></td>
</tr>
</tbody>
</table>

<< Back  Next
Build

Provisioning Package Configuration

Describe the provisioning package:

- **Package Name**: Enterprise
- **Package Id**: 83fe802d-7300-45b7-b581-bc795a0a3e
- **Package Version (In Major.Minor format)**: 1.0
- **Package Owner**: OEM
- **Package Rank (Between 0 - 99)**: 0

[Next]
Provisioning, not reimagining

Transform a Device
• Enable the Enterprise SKU
• Install apps and enterprise configuration
• Enroll the device to be managed via MDM

Flexible Methods
• Using media, USB tethering, or even e-mail for manual distribution
• Automatically trigged from the cloud or connection to a corporate network
• Leverage NFC or QR codes
### Traditional Deployment

#### Enhancements to existing tools

- New Assessment and Deployment Kit includes support for Windows 10, while continuing to support down to Windows 7
- Minor updates to System Center 2012 to add support
- Minor updates to Microsoft Deployment Toolkit 2013 to add support

#### Minimal changes to existing deployment processes

- Will feel “natural” to IT Pros used to deploying Windows 7 and Windows 8.1
- Drop in a Windows 10 image, use it to create your new master image
- Capture a Windows 10 image, use it for wipe-and-load deployments
# Consider Your Deployment Approach

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Evaluate Windows 8.1 for touch scenarios today.</td>
<td><strong>Upgrade</strong> to Windows 8.1 by January 2016. <strong>Plan</strong> for Windows 10 for all devices.</td>
<td>Keep going! Upgrade to Windows 10 when released across all devices</td>
</tr>
<tr>
<td>Upgrade to Internet Explorer 11 by January 2016. <strong>Plan</strong> for Windows 10 for all devices.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Enterprise preview process

Preview builds available to all organizations
• For Evaluation And Feedback, Not For Broad Deployment

Periodically updated through “flighting”
• Enabling New Features As They Become Available
• Fixing And Refining Existing Features And Functions
• Actively Soliciting Feedback

Rolled out in phases
• Enabling New Features As They Become Available
• Fixing And Refining Existing Features And Functions
• Actively Soliciting Feedback