Geeks Guide to BDD 2007 – Part 2, Using Lite Touch to deploy Windows Vista

Welcome

BDD 2007, as you probably already know, is End-to-end guidance, best practices, and tools for planning, building, and deploying Windows and Office. BDD 2007 is developed by a team led by Michael Niehaus (lead developer) and Mike Lewis (Architect).

This guide explains the necessary steps to use the Lite Touch Component of BDD 2007. It assumes that you have set up the BDD 2007 deployment server as described in "Geeks Guide to BDD 2007 – Part 1, Core Configuration".

For improvement suggestions (or bugs) in this guide, please drop a note to johan [dot] arwidmark [at] truesec [dot] com, at myitforum.com (alias jarwidmark) or post in the public Microsoft newsgroups (group: microsoft.public.deployment.desktop)

If you want to learn more, check out my public BDD 2007 classes, or bring me onsite to teach at your company location. Go http://www.truesec.com for more info.

Regards,

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Microsoft MVP – Setup & Deployment

The guide covers the following steps

- Create and Capture a Vista Reference Machine for LiteTouch
- Use Lite Touch to Install a new Computer
- Use Lite Touch to Refresh a Computer

To complete the lab, you need the following virtual machines

- SRV001 (Domain Controller for tslab.net)
- PC0001 (Windows XP SP2, 512 MB of RAM)

Step 1 – Create and Capture a Vista Reference Machine

Create a Vista Reference Machine

1. On **SRV001**, copy the **D:\Distribution\Boot\LiteTouchPE_x86.iso** file to **Z:\Diskimages** (C:\Diskimages on the Host PC).
2. Create a new Virtual Machine with 512 MB RAM, name it **Vista LT Reference** and boot from the **LiteTouchPE_x86.iso** file.
3. Complete the BDD Deployment Wizard using the below settings
    a. Keyboard Layout: **United States**
    b. Specify credentials for connecting to network shares:
        i. User name: **BuildAccount**
        ii. Password: **P@ssw0rd**
        iii. Domain: **TSLAB**
    c. Computer name: (Default)
    d. Join a workgroup: **Workgroup**
    e. Specify whether to restore user data: **Do not restore user data and settings**
    f. Select an operating system image to install: **Windows Vista Enterprise**.
    g. Locale Selection: **English (United States)**
    h. Time Zone: **(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna**
    i. Select one or more applications to install: **Microsoft Word Viewer 2003**.
    j. Specify whether to capture an image: **Capture an image of this computer**
        i. Location: **\\SRV001\Distribution$\Captures**
        ii. File name: **VistaEnterpriseLT.wim**
    k. Review the Details before clicking **Begin**.
4. After installing the base Vista operating system and the Word Viewer application, BDD will automatically run sysprep and capture the computer to an image.

Step 2 – Add the previously captured LT image

Add Windows Vista installation files to the BDD Workbench

1. On **SRV001**, using the **Deployment Workbench**,, expand the Distribution node, right-click on the **Operating Systems** node, and select **New** (Or Click **New** from the **Actions** pane). Use the following settings for the **New Os Wizard**.
    a. **Custom Image File**
    b. Source file: **D:\Distribution\Captures\VistaEnterpriseLT.wim**
        i. **Move the files to the distribution share instead of copying them**
    c. Destination directory name: **Vista Enterprise LT**

Add another Build

2. Using the **Deployment Workbench**, right-click on the **Builds** node, and select **New** (Or Click **New** from the **Actions** pane). Use the following settings for the **New Build Wizard**.
    a. Build ID: **VistaEnterpriseLT**
    b. Build name: **Windows Vista Enterprise LT**
    c. Build comment: **Company Standard LT Build**
    d. Operating System Image: **CDrive in "VistaEnterpriseLT\VistaEnterpriseLT.wim"**
    e. ProductKey: **Do not specify a product key at this time**
    f. Organization: **TrueSec**
    g. FullName: **TrueSec**
    h. Internet Explorer home page: **http://www.truesec.com**
    i. Administrator Password and confirm Password: **P@ssw0rd**

Step 3 – Install a new Vista Client using Lite Touch

Install a new Windows Vista client using Lite Touch

1. Create a new Virtual Machine with 512 MB RAM, name it **Vista LT - New Computer** and boot from the **LiteTouchPE_x86.iso** file
2. Complete the BDD Deployment Wizard using the below settings
    a. Keyboard Layout: **United States**
    b. Specify credentials for connecting to network shares:
        i. User name: **BuildAccount**
        ii. Password: **P@ssw0rd**
        iii. Domain: **TSLAB**
    c. Computer name: (Default)
    d. Join a Domain: **TSLAB**
        i. User name: **JoinAccount**
        ii. Domain: **TSLAB**
        iii. Password: **P@ssw0rd**
    e. Specify whether to restore user data: **Do not restore user data and settings**
    f. Select an operating system image to install: **Windows Vista Enterprise LT**
    g. Locale Selection: **English (United States)**
    h. Time Zone: **(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna**
    i. Select one or more applications to install: **None** (already installed in image)
    j. Specify the BitLocker configuration: **Do not enable BitLocker for this computer**.
    k. Review the Details before clicking **Begin**.
3. BDD 2007 will now Deploy a Windows Vista image including Word Viewer.

Step 4 – Refresh a Windows XP SP2 client

Refresh a Windows XP SP2 client

1. Start the **PC0001** Virtual Machine, Add **TSLAB\ HelpDeskAccount** to the local **administrators** group.
2. Logon as **EndUserAccount,** make some customizations like adding favourites to IE, add icons and documents to the desktop, change colours etc.
3. Logout and logon as HelpDeskAccount, then start the Lite Touch Deploy Wizard, **\\SRV001\Distribution$\Scripts\Litetouch.vbs**. Complete the guide using the following settings:
    a. Choose a migration type: **Refresh this Computer**
    b. Computer name: **PC0001** (Default)
    c. Join a domain
        i. Domain: **TSLAB**
        ii. Credentials
            1. Username: **JoinAccount**
            2. Domain: **TSLAB**
            3. Password: **P@ssw0rd**
    d. Specify where to save your data and settings: **Automatically determine location**
        i. **Allow data and settings to be stored locally when possible**
    e. Specify where to save a complete computer backup: **Do not back up the existing computer**.
    f. Select an operating system image to install: **Windows Vista Enterprise LT**.
    g. Locale Selection: **English (United States)**
    h. Time Zone: **(GMT+01:00) Amsterdam, Berlin, Bern, Rome, Stockholm, Vienna**
    i. Select one or more applications to install: **None** (already in image)
    j. Specify credentials for connecting to network shares:
        i. User name: **BuildAccount**
        ii. Domain: **TSLAB**
        iii. Password: **P@ssw0rd**
    k. Review the Details before clicking **Begin**.
4. After completion, logon as **EndUserAccount** and verify that the settings where migrated