



DEPLOY BASE IMAGE USING USB

Overview

Persysistent Suite offers the ability to boot a computer from a USB drive in order to deploy an image. This method is an alternative to PXE or Agent Installer. In addition to be able to boot from the USB drive, base images can also be stored on the device, eliminating the need to contact the Persysistent server during deployment. This is ideal for workstations that are not on the network or where network bandwidth is limited.

References

- Technical Brief- Deploying Base Image using Client Build Screen

Create PE Boot Image

Setup

1. Insert an USB drive in the Persysistent Server.
2. On the Persysistent Server launch the following executable: **C:\Program Files\Utopic Software\Server\PE Builder\Persysistent.PEBuilder.exe**.
3. Click the **Update** button to update the settings.
4. Click **OK** on the success dialog.
5. Ensure the **Persysistent Server IP Address/Name** field contains the correct IP address of the Persysistent server. If necessary, enter the correct IP address.
6. Ensure the **Persysistent Server Port** field contains the correct port configured during installation. If necessary, enter the correct port.
7. In the Platform section ensure that the **x64** option is selected.

NOTE The x64 PE image works for both 32bit and 64 bit versions of Windows. There is no need to create both types. Only the x64 version of the image needs to be created.

8. Proceed to **Error! Reference source not found.**, page **Error! Bookmark not defined.** or Create USB with Base Images, page 2.



Create USB with Base Images (Physical Server)

This option creates a USB drive that can be used to boot the PC, but also contains any selected base images. Use this option when the computer is not connected to the network or the network bandwidth is limited.

This type of USB only has the ability to deploy a base image, create a cache partition, and setup BitLocker. This does not have the ability to inherit a machine or perform any Client Build tasks.

1. On the Persistent Server launch the following executable: **C:\Program Files\Utopic Software\Server\PE Builder\Persistent.PEBuilder.exe**.
2. Click **File | Create USB with Base Images**.
3. On the **Create USB for Image Deployment** screen select the desired base images and drivers that will be placed on the USB drive.

NOTE Make sure the USB drive is large enough to contain all of the selected base images and drivers.

4. At the bottom of the dialog, select the drive letter corresponding to the USB drive.
5. Click **Create**.
6. The USB drive will be formatted and all data will be lost. Click **Yes** to proceed.
7. Click **OK** on the success dialog.

Create USB with Base Images (Virtual Server)

This option allows you to create bootable ISO for Persistent and export all base images and drivers for base image deployment. This process is needed since a USB cannot be directly plugged in to the server OR that the server is remote.

This type of USB only has the ability to deploy a base image, create a cache partition, and setup BitLocker. This does not have the ability to inherit a machine or perform any Client Build tasks.

1. On the Persistent Server launch the following executable: **C:\Program Files\Utopic Software\Server\PE Builder\Persistent.PEBuilder.exe**.
2. Click **File | Create ISO (Offline)**.
3. Click **Create**.
4. The ISO file will be stored on the desktop of the logged on user (persistent_pe_offline.iso).
5. Click **OK** on the success dialog.
6. Click **File | Create USB with Base Images (Offline)**.
7. On the **Create USB for Image Deployment (Offline)** screen select the desired base images and drivers that will be placed on the USB drive.

NOTE Make sure the USB drive is large enough to contain all of the selected base images and drivers.

8. Click **Create**.
9. Click **OK** on the success dialog.

10. The files will be exported to **C:\Program Files\Utopic Software\Server\USB** folder.
11. Burn the ISO file from step 4 on the USB drive.
12. Copy the content of the **C:\Program Files\Utopic Software\Server\USB** folder to the root of the same USB drive.

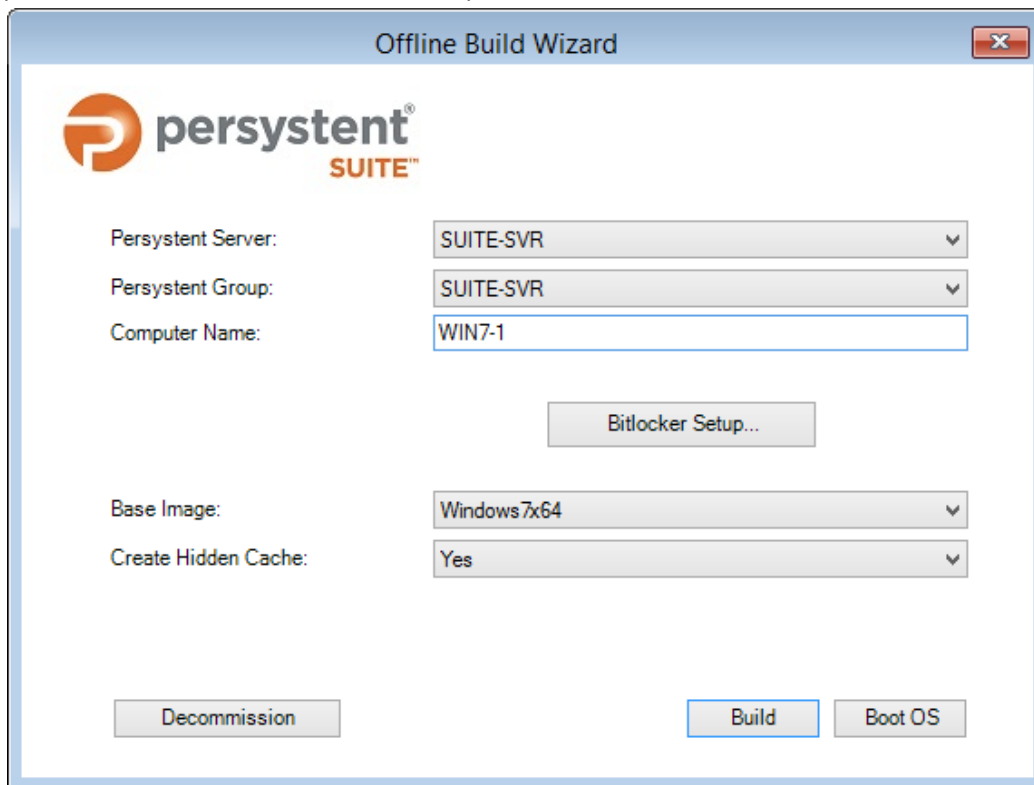
Deploy Image

Follow the steps below to deploy an image using USB.

1. Plug the USB drive into the computer.
2. Boot to the USB drive.
3. Computer will now boot into the pre-boot environment and will prompt you to login.
4. Enter the username and password that you use to log into Persysent Web Console.

NOTE If the USB drive was created with base images then it will skip this prompt.

5. The **Build Wizard** screen is shown.
6. If the USB drive was created with base images then only the options to deploy an image and create a cache partition are available. Otherwise, all options are available in the standard USB drive.



7. Select the desired options and click **Build**.
8. The selected base image is now being installed on the computer. Once the base image is installed successfully, it will be automatically added to Persysent Web Console.

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