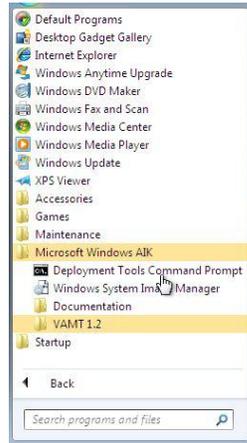


## Creating a Windows PE Boot Image

1. Start by opening the orb (start button) and go to “All programs- Microsoft Windows AIK”. Then right-click the Deployment tools-command Prompt shortcut. Then from the context menu, select “Run as Administrator”, this enters you into an elevated command prompt window.



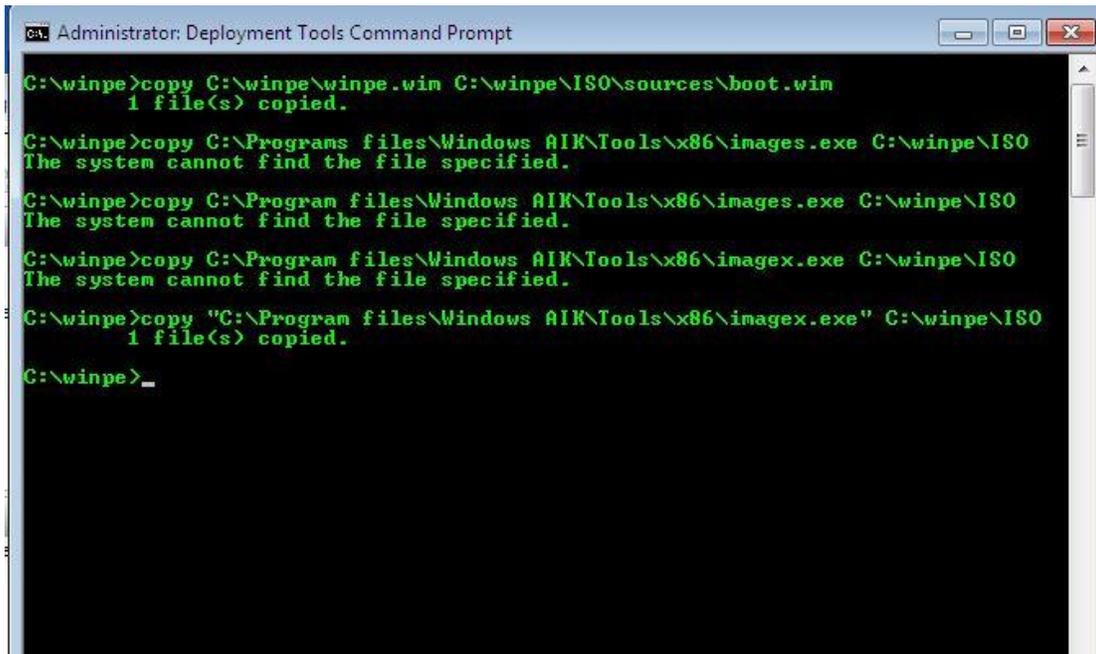
2. Now in the window, run “cotype.cmd x86 C:\winpe”. This syntax is for an x86 Intel system, for an amd-64 bit system type “amd64”.

 A screenshot of the 'Administrator: Deployment Tools Command Prompt' window. The command prompt shows the execution of 'cotype.cmd x86 C:\winpe'. The output indicates that the command is not recognized as an internal or external command, operable program or batch file. It then shows the creation of a Windows PE customization working directory at C:\winpe. A list of files is shown being copied from the source directory to the target directory. The files listed include boot\bed, boot\boot.sdi, boot\bootfix.bin, boot\efi\boot.com, boot\font\chs\_boot.ttf, boot\font\cht\_boot.ttf, boot\font\jpn\_boot.ttf, boot\font\kor\_boot.ttf, boot\font\ug1d\_boot.ttf, and boot\font\ug1d\_boot.ttf. The output concludes with '6 File(s) copied.'

3. Now copy the boot image file (Winpe.wim) to the C:\winpe\ISO\Sources folder and rename it, using the command: copy C:\winpe\winpe.wim C:\winpe\ISO\Sources\boot.wim

 A screenshot of the 'Administrator: Deployment Tools Command Prompt' window. The command prompt shows the execution of 'copy C:\winpe\winpe.wim C:\winpe\ISO\Sources\boot.wim'. The output indicates that 1 file(s) was copied. The prompt then returns to the C:\winpe directory.

- Now we'll copy the imagex.exe file over to the C:\winpe\ISO folder, using the copy command: copy "C:\Program files\Windows AIK\Tools\x86\imagex.exe" C:\winpe\ISO



```
Administrator: Deployment Tools Command Prompt

C:\winpe>copy C:\winpe\winpe.wim C:\winpe\ISO\sources\boot.wim
1 file(s) copied.

C:\winpe>copy C:\Programs files\Windows AIK\Tools\x86\images.exe C:\winpe\ISO
The system cannot find the file specified.

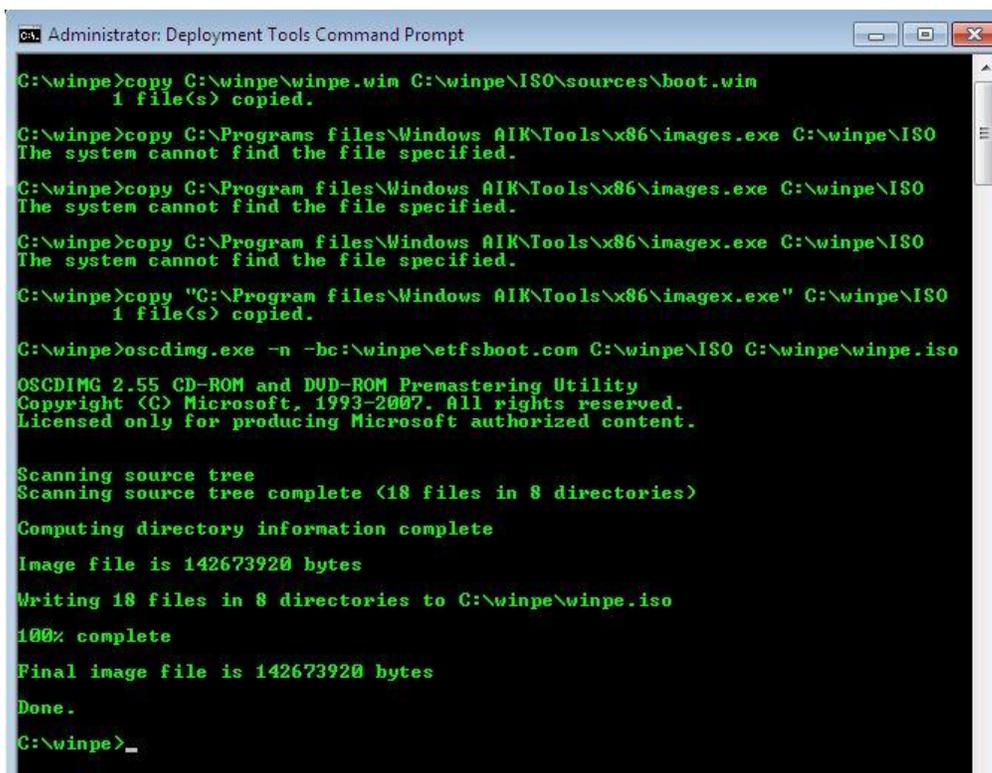
C:\winpe>copy C:\Program files\Windows AIK\Tools\x86\images.exe C:\winpe\ISO
The system cannot find the file specified.

C:\winpe>copy C:\Program files\Windows AIK\Tools\x86\imagex.exe C:\winpe\ISO
The system cannot find the file specified.

C:\winpe>copy "C:\Program files\Windows AIK\Tools\x86\imagex.exe" C:\winpe\ISO
1 file(s) copied.

C:\winpe>_
```

- We'll packaged Windows PE files into a sector-based image file (with an .iso extension) using the Ooscdimg.exe program with the following syntax: Ooscdimg.exe -n -bc C:\winpe\etfboot.com C:\winpe\ISO C:\winpe\winpe.iso



```
Administrator: Deployment Tools Command Prompt

C:\winpe>copy C:\winpe\winpe.wim C:\winpe\ISO\sources\boot.wim
1 file(s) copied.

C:\winpe>copy C:\Programs files\Windows AIK\Tools\x86\images.exe C:\winpe\ISO
The system cannot find the file specified.

C:\winpe>copy C:\Program files\Windows AIK\Tools\x86\images.exe C:\winpe\ISO
The system cannot find the file specified.

C:\winpe>copy C:\Program files\Windows AIK\Tools\x86\imagex.exe C:\winpe\ISO
The system cannot find the file specified.

C:\winpe>copy "C:\Program files\Windows AIK\Tools\x86\imagex.exe" C:\winpe\ISO
1 file(s) copied.

C:\winpe>ooscdimg.exe -n -bc:\winpe\etfsboot.com C:\winpe\ISO C:\winpe\winpe.iso

OSCDIMG 2.55 CD-ROM and DUD-ROM Premastering Utility
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Scanning source tree
Scanning source tree complete (18 files in 8 directories)

Computing directory information complete

Image file is 142673920 bytes

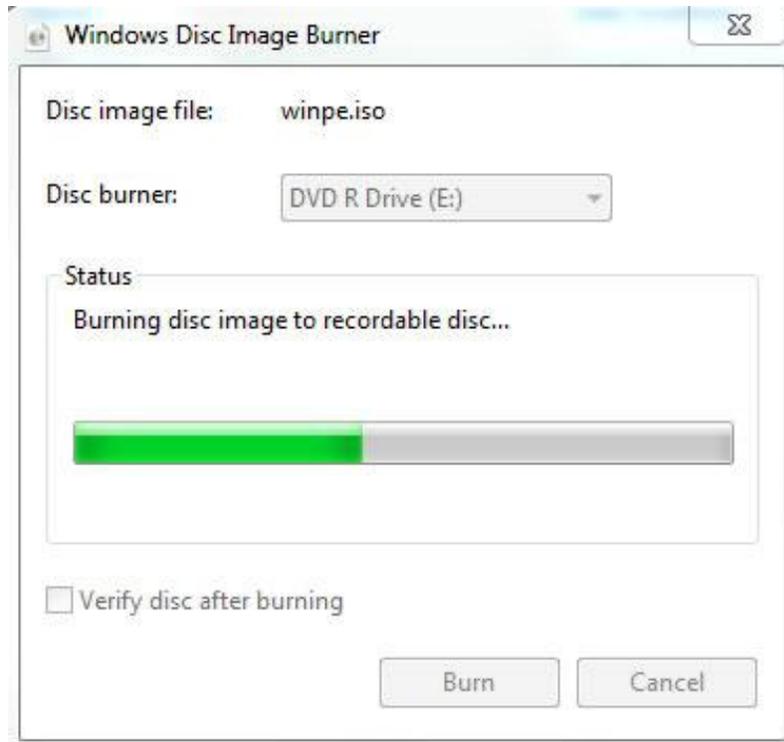
Writing 18 files in 8 directories to C:\winpe\winpe.iso
100% complete

Final image file is 142673920 bytes

Done.

C:\winpe>_
```

6. Now just burn the image to CD or a DVD in your optical drive, using the software provided by either your drive manufacture, by windows or by a third party vendor.



7. You may leave the system logged on for capturing an image or you can shut it down.