

## Add an Operating System to Configuration Manager

- Open Configuration Manager, from the Workspace, click Software Library
- From the Navigation Pane, double click **Operating Systems**
- Right click, **Operating System Images**, click **Add Operating System Image**
- Type in the **shared folder**, the UNC path where the Install.wim files reside
- In this case type \\ITFSCCM01\Windows 10 images\sources\install.wim, click next
- Accept the default Name, Windows 10 Enterprise Evaluation
- For Version type **Windows 10**, click **next**, click **next** again.
- Click **close**

## Distribute the Operating System to the Distribution Point

- From the List View, click on the **Windows 10 image**
- From the Ribbon Click **Distribute Content**,
- From the General Screen, click **next**
- Click add **Distribution Point**
- Click the box beside ITFSCCM01
- Click ok, then click **next**, then click **next** again
- Click **close**

## Distribute Content vs. Update Distribution Points (clarification)

**Distribute Content** is for adding the content to a distribution point the **first time**. After that you should use Update Distribution Points to update the content on the distribution points. Once the **content** has been distributed you **cannot distribute content again to the same DP**.

## Enable Command Support

What is Command Support? Command Support aides in troubleshooting O/S deployment issues. You can press F8 when the WinPe environment starts and open a command Prompt and view a log file.

When SCCM is installed on your server there are two boot images that are installed. The names of these two files are Boot image (x64) which is used when you deploy a 64 bit O/S and Boot image (x32) which is used when you deploy a 32 bit OS. These files should be located in this case on \\itfscm01\SMS\_ITF\OSD\Boot\x64 or the \i386 folder. Here the names of both files are boot.wim. We will now **enable Command support**.

From the Workspace click Software Library, from the Navigation Pane double click Operating Systems, click **Boot Images**

- Right click, **Boot image (x64)**, click **properties**
- Click **Customization**, at the bottom check **Enable Command Support (testing only)**
- On the **same screen**, click **Data Source**, verify the **image path**, at the bottom, click **Deploy this boot image from the PXE-enabled distribution point**, click **apply**  
A box pops up asking if you want to update the Distribution Points, click **NO**

## Distribute the Content

- Then right click on the boot image (x64) again, click **Distribute Content**. Click **next**, click **add** select **Distribution Point**, check in this case **ITFSCCM01**, click **ok**, then click **next**, then **next** again, then **close**
- Now repeat the same steps on the (x86) image.

## Checking the availability of the Boot Images to the Distribution Point

- From the List View, Click **Boot image (x64)**
- At the bottom left of the screen click **Summary**
- Click **Content Status**
- Under Completion Statistics, there should be a **green circle** that indicates that the content has distributed successfully and is available.
- Click **View Status**, this screen shows that the (x64) image has been successfully distributed to the distribution point which in this case is the ITFSCCM01 server.
- Perform the same procedure on the (x386) Boot image, verify that it has been distributed as well.

**Creating a Package** – The package will contain the CM client which will be automatically deployed to all computers that get this image.

- From the Workspace, click software library, from the Navigation Pane double click Application Management, right click on **Packages**, click **create package from Definition**
- Select **Configuration Manager Upgrade**, click **next**
- Select **Always obtain source files from a source folder**, click **next**
- Specify the package source folder, in this case its \\itfscm01\sms\_itf\client
- Click next, then click close

## Distribute Content

- From the List view, right click on **Configuration Manager Client Package**, click **distribute content**, click **next**, from the Content Destination page click **Add**, click **Distribution**

**Point**, click **next**, **check that box** next to the ITFSCCM01 box, click **ok**, then click **next**, click **next** again, then click **close**.

- We have distributed the package definition to the Distribution Point