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# Special Note

This document references **GetHWID.zip**, which can be downloaded at: https://www.syntaxbearror.io/downloads/GetHWID.zip

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# Preparing a System for Deployment

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| **Step 1** | Plugin the system to power, keyboard, mouse, and monitor. DO NOT plugin an ethernet cord at this stage. |
| **Step 2** | Plugin the Windows 10 USB drive. If you have not created one yet, follow the steps on page 5. |
| **Step 3** | Turn on the system and press **F2** several times until *Entering Bios Setup* appears on the screen. |
| **Step 4** | Set the Boot Priority to the *UEFI USB Device* or similar listing that references a USB drive. |
| **Step 5** | Apply the changes and allow the system to reboot. |
| **Step 6** | In Windows Setup, choose **Custom Installation**. |
| **Step 7** | Select any existing partitions and delete them. |
| **Step 8** | Once all the prior partitions have been deleted, then click **New,** and click **Ok**. If a message prompts that multiple partitions may be created, click **Ok**. |
| **Step 9** | Click **next** to continue the installation. |
| **Step 10** | Once the system says *preparing to reboot*, you can unplug the Windows 10 USB drive and allow the system to restart. If you leave it plugged in after reboot, it may return to setup. |
| **Step 11** | After a couple reboots, a screen may appear for Region Setup. Press SHIFT + F10 to open a command prompt and plug in your Hardware ID Retrieval USB Drive. If you do not have one, follow the steps on page 6. |
| **Step 12** | At the command shell, type the command *D:\GetAutoPilot.cmd* and press **Enter**.  If the command fails, you will need to check if and what drive letter is assigned to your USB drive by following the steps on page 7 and then running the command in this step again, replacing D with whatever drive letter you identify or set. |
| **Step 13** | Once the script has run, type the command *exit* and press **Enter** to close the command prompt. |
| **Step 14** | Hard shut down the system to avoid continuing past the region setup and unplug the Hardware ID Retrieval USB drive. |
| **Step 15** | Plug in the Hardware ID Retrieval USB drive to your laptop and copy the CSV file that is now on the root of the drive named *compHash.csv* to your device and follow the steps on page 8 to register the device to Microsoft Intune. |
| **Step 16** | Rename the *compHash.csv* file to the user’s name and copy it to the IT share on the file server for later reference if needed. The system can now be delivered to the user. |

# Creating a Windows 10 Bootable USB Drive

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| **Step 1** | Download the *Media Creation Tool* to your workstation. <https://go.microsoft.com/fwlink/?LinkId=691209> |
| **Step 2** | Plugin an empty USB 2.0 or 3.0 (preferred) thumb drive that has at least 4 GB of capacity, to your workstation. If it is not empty, please format it before proceeding to the next step. |
| **Step 3** | Open the Media Creation Tool and follow the steps it provides. |
| **Step 4** | Once the Media Creation Tool is completed, unplug the USB drive and mark it in a way that will remind you of its contents. |

# Creating a Hardware ID Retrieval USB Drive

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| **Step 1** | Plugin an empty USB thumb drive that has at least 16 MB of capacity, to your workstation. If it is not empty, please format it before proceeding to the next step. |
| **Step 2** | Unzip the contents of GetHWID.zip to the root of the USB drive. |
| **Step 3** | Unplug the USB drive and mark it in a way that will remind you of its contents. |

# Retrieving the Hardware ID

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| **Step 1** | Plugin your Hardware ID Retrieval USB drive to the target system. If you do not have one, follow the steps on page 6 to create one, then return to this section. |
| **Step 2** | Open a command prompt on the system.  If you are in Windows Setup, do this by pressing **SHIFT + F10**.  If you are on the Windows desktop, right click the start menu, click **run**, type *cmd*, and press **Enter**. |
| **Step 3** | At the command shell, type the command *D:\GetAutoPilot.cmd* and press **Enter**.  If the command fails, you will need to check if and what drive letter is assigned to your USB drive by following the steps on page 7 and then running the command in this step again, replacing D with whatever drive letter you identify or set. |
| **Step 4** | Once the script has run, type the command *exit* and press **Enter** to close the command prompt. |
| **Step 5** | Plug in the Hardware ID Retrieval USB drive to your laptop and copy the CSV file that is now on the root of the drive named *compHash.csv* to your device and follow the steps on page 8 to register the device to Microsoft Intune. |
| **Step 6** | Rename the *compHash.csv* file to the user’s name and copy it to the IT share on the file server for later reference if needed. The system can now be delivered to the user. |

# Identifying Drive Assignment via DiskPart

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| **Step 1** | Have a command prompt open. If you are at a Windows setup screen, you can accomplish this by pressing *SHIFT + F10*. If you are at the start menu, right click, and select *Run,* then type *cmd* and press Enter. |
| **Step 2** | Type the command *diskpart* and press Enter. |
| **Info!** | If you started diskpart from the start menu on Windows 10, continue to **step 6**.  If you started diskpart from Windows setup, continue to the next step, **step 3**. |
| **Step 3** | Type the command *list disk* and press Enter. |
| **Step 4** | Look for which disk matches the USB drive you plugged in and make a note of the Disk #. For our example below, that’s #2. |
| **Step 5** | Type the command *select disk #*, replacing the # with the drive number we identified in Step 4, and press Enter. |
| **Step 6** | Type the command *list volume* and Press Enter. |
| **Step 7** | Look for which volume listed on the screen matches the USB drive installed. It should have a type of removable. Take a note of the LTR assignment for that volume, as that will be the drive letter we need to reference in commands.    If there is no drive letter assigned to the volume, then continue following the steps below. |
| **Step 8** | Type the command *select volume #,* replacing the # with the volume number you need to assign a drive letter to, and press Enter. |
| **Step 9** | Type the command *assign letter=X* and press Enter. This will then assign the drive letter X to the target volume, and that will be the drive letter to reference in your commands. |

# Registering a Device

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| **Step 1** | Login to the Microsoft Endpoint Manager Admin Center  <https://endpoint.microsoft.com/#home> |
| **Step 2** | Click on **Devices** on the left-side menu. |
| **Step 3** | Look for the Device Enrollment section on the Devices Overview page and click on **Enroll Devices**. |
| **Step 4** | On the Windows Enrollment option screen, click on **Devices**. |
| **Step 5** | On the Windows Autopilot Devices page, click on the **Import** button to upload the .csv containing the Hardware ID(s) of the system(s) you are adding. |
| **Step 6** | Upon upload of the device’s information, please allow 20 minutes for the systems registration to synchronize to all the cloud servers that manage enrollment.  You can confirm a device is ready to deploy by clicking on the device in the Windows Autopilot Devices page to open its properties blade on the right side of your window and looking for “Assigned” for the *Profile Status*. |