



# Additional Information to Add Windows 11 23H2 BaseWIMs, Language Packs and Features on Demand

WimAsAService

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01.11.2023  
Version 1.0



# Table of contents

1	Purpose of this document .....	2
2	Overview .....	2
2.1	What's New .....	2
2.2	Required scripts.....	3
2.3	Required WimAsAService Release .....	3
3	Usage of the scripts .....	4
3.1	AutoImportBaseWIM.ps1 .....	4
3.2	AutoImporterLanguagePacks.ps1 .....	7
3.3	AutoImporterFeaturesOnDemand.ps1 .....	8
4	Version history .....	8

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## 1 Purpose of this document

This document will explain how to add Windows 11 23H2 content to WimAsAService for our on-premises customers.

The topics covered in this document are:

- Windows 11 baseWIM implementation
- Language Packs
- Features on Demand

## 2 Overview

### 2.1 What's New

Microsoft released Windows 11 23H2. Windows 11 still only existing in 64 bits. The version number still starts with 10.x. In terms of language packs and features on demand, they decided to now again re-use the files from W11 22H2 likewise they did starting with Windows 10 2004 to 22H2. That means you only must trigger the basewim importer script. For the language packs a simple copy paste, rename will do the job.

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## 2.2 Required scripts

The required scripts are stored in the WimAsAServiceLogic folder.  
Usually under E:\WimAsAServiceLogic.

The following scripts are provided to help adding the ISO files to WimAsAService. When importing files for a new Windows Version, you need to follow the order described below.

Order	Name	Description
1	AutoImportBaseWIM.ps1	Adds Multiple ISO files of the selected folder and its subfolders to MDT.

## 2.3 Required WimAsAService Release

### **Attention:**

Since there were some changes from Microsoft regarding the removal of APPX Packages we need to make some changes on the script that does that.

This Script is included in WimAsAService Version 4.1.10.0 So to use Windows 11 23H2 make sure you are at least on Version 4.1.10.0. If you are not please reach out to us.

# Additional Information to Add Windows 11 23H2 BaseWIMs, Language Packs and Features on Demand

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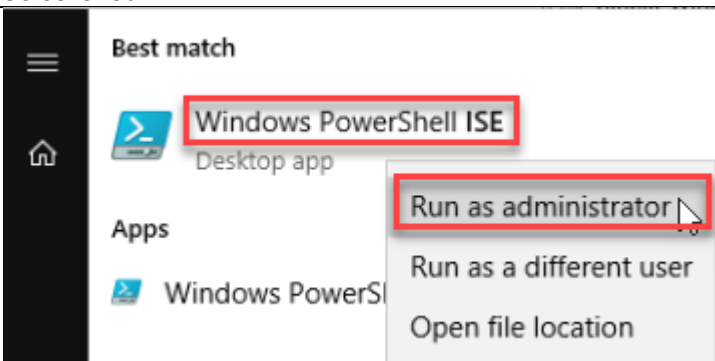
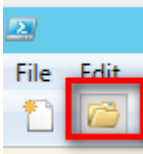
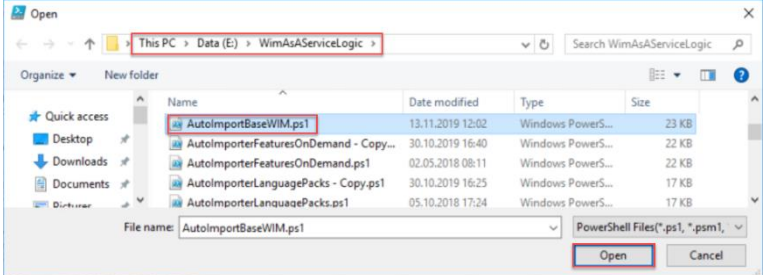
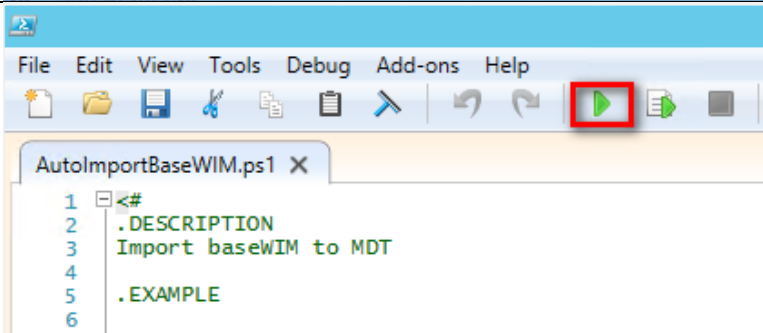
## 3 Usage of the scripts

**Attention:** All these scripts need to be opened in a PowerShell ISE that is running with administrator permissions.

### 3.1 AutoImportBaseWIM.ps1

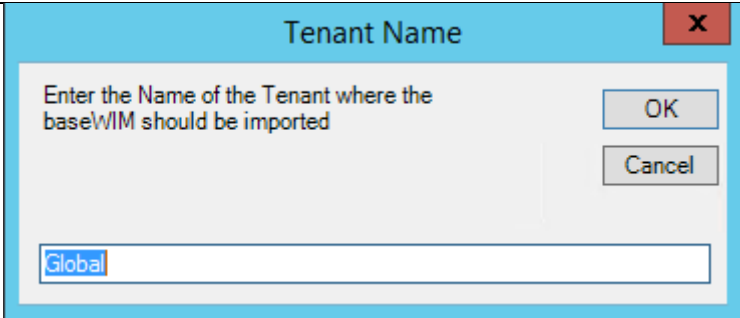
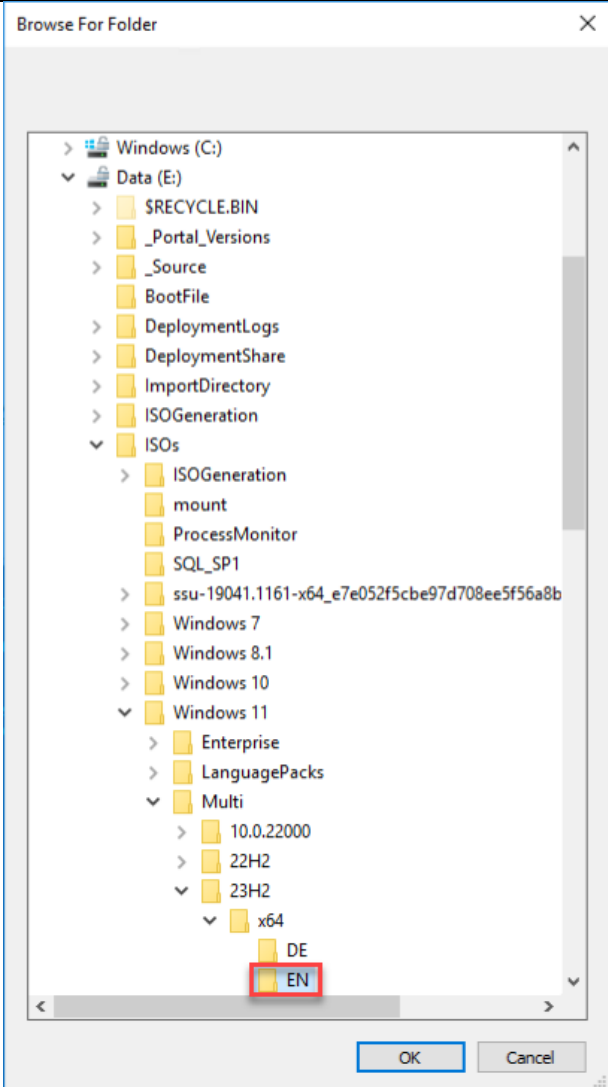
**Attention:** This script imports the baseWIM ISOs stored in the selected folders and all its subfolders. The choice of the folder should be well-considered and double importing of the same WIM should be prevented.

This script writes to the following logfile:  
"E:\WimAsAServiceLogic\Logos\AutoImportBaseWIM.log"

Step	Screenshot	Task
1.		Open PowerShell ISE with administrator privileges.
2.		Click on the "Open" button.
3.		Browse to your WimAsAServiceLogic folder and select "AutoImportBaseWIM.ps1".  Click on the "Open" button.
4.		Click on the "Play" button.

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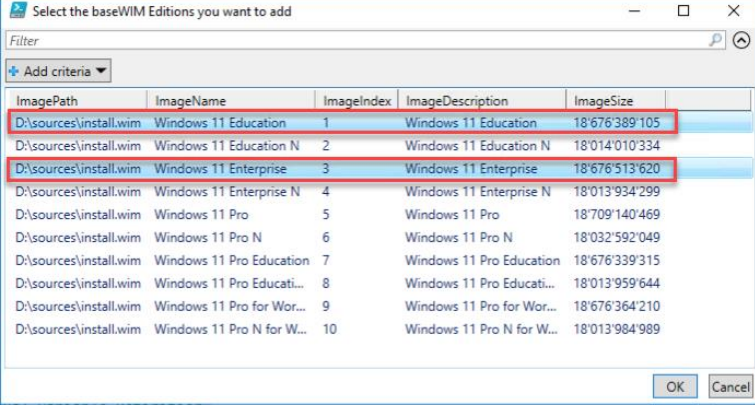
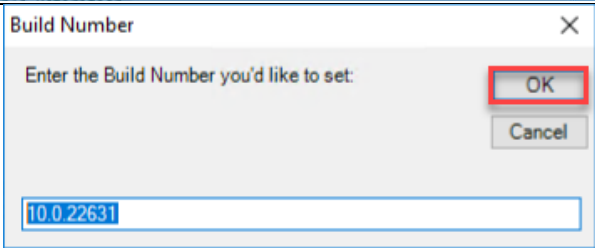
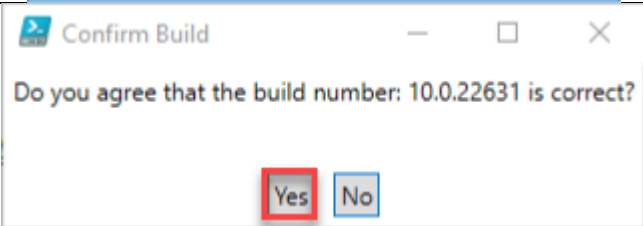
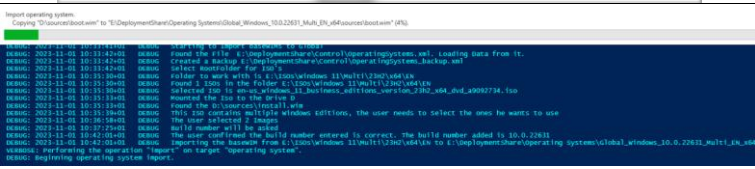
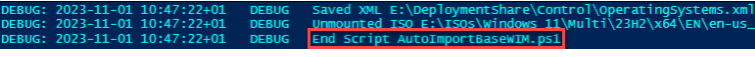
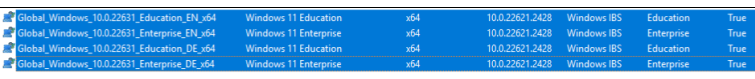
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5.		<p>Here you can tell the script for which tenant it should import the WIM files.</p> <p>“Global” grants all Tenants access to that baseWIM.</p> <p>If you want to restrict that baseWIM to one Tenant, enter its name here.</p> <p>When you’re ready to continue click on “OK”.</p> <p><b>Attention:</b> On your screen this window/pop up could be covered by the ISE Window.</p>
6.		<p>Now browse to the folder that contains the ISO file for the Windows 11 23H2 baseWIM you want to add.</p> <p>When you’re ready to continue click on “OK”.</p> <p><b>Attention:</b> Make sure to only have one multi-edition .iso is inside the folder. It might be that not both of it will be added to MDT if two .iso files are in the Folder.</p> <p><b>Attention:</b> The script will also work with ISO files in subfolder of the selected folder. Not only with files in the directly selected folder.</p>

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Datum: 01.11.2023  
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 Version: 1.0

7.		Select the Editions according to what you'd like to add to WimAsAService. Once doublechecked your selection, press "OK".
8.		<b>Attention:</b> Here the old Build number of 22H2 is displayed. Change it to <b>10.0.22631</b>
9.		Agree that your entry was correct once more with "Yes".
10.		Next, the script imports all the install WIMs you selected to MDT. This will take some time please be patient.  <b>Additional information:</b> The script is automatically mounting each ISO to a virtual CD-ROM Drive and is unmounting it again once it has imported the WIMs from it.
11.		Once the script has finished it will tell you.
12.		Check the Deployment Workbench under Global to see if you Operating Systems have been added properly. <b>Note:</b> Maybe you need to press "F5" to refresh the list.

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13.	<p>Select base WIM</p> <div> <div>OS Version (All) ▼</div> <div>10.0.22631 ▼</div> <div>SKU (All) ▼</div> <div>Language (All) ▼</div> <div>Architecture (All) ▼</div> </div> <div> <input checked="" type="radio"/> Global_Windows_10.0.22631_Education_DE_x64                 <input type="radio"/> Global_Windows_10.0.22631_Education_EN_x64                 <input type="radio"/> Global_Windows_10.0.22631_Enterprise_DE_x64             </div>	<p>You can now log on to the WimAsAService website and add a new image type. Under "Select base WIM" you should now be able to find the WIM files you just added. Make sure that the unwanted OS are not in the selection.</p>
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## 3.2 AutoImporterLanguagePacks.ps1

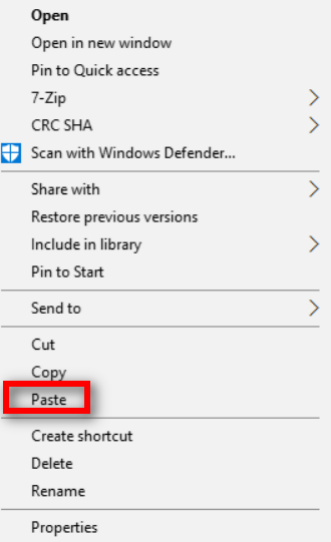
***This script is not needed for Windows 11 Version 23H2 because it has the same language packs as Version Windows 11 22H2. Once Windows 11 23H2 is installed it has the build number 10.0.22631. Because the task sequence searches for language packs with this build number, the old Language Pack folder of Windows 11 22H2 can be copied. After the copy job you must adjust the name of the folder to the corresponding build number of 23H2 after staging.***

Step	Screenshot	Task
14.		<p>Navigate to the path "E:\DeploymentShare\Scripts\LP". In there select the folders containing the Language Packs and Feature on Demand from Windows 11. Right click it and select to copy those folders.</p>



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15.		Within the same folder select to paste the folder copied before. After the copy job is done, make sure to rename it. It should have the same name as Windows 11 has after staging. <b>"10.0.22631"</b>
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## 3.3 AutoImporterFeaturesOnDemand.ps1

***Skip this step because the features on demand are part of the Language Packs folder. You should have copied this folder already and renamed it with the according build number. Therefor this step is obsolete for this Windows build.***

## 4 Version history

Wann	Version	Wer	Beschreibung
01.11.2023	0.1	NBO	First Version
06.11.2023	1.0	PAB	Review