



FIRE CHASSIS

Spartan Fire, LLC

Campaign Service Bulletin
CSB25-500-001

- DATE:** 12/18/2025
- APPLIES TO:** This service bulletin applies to certain model year 2023-2025 Gladiator and 2024-2025 MetroStar model emergency response chassis cabs built between April 2024 and July 2025.
- CONDITION:** Weldon Hercules HC 1.8 node giving timing errors when combined with the Whelen Core and Core R.
- CORRECTION:** Update OS to 1.10 on Herc HC 1.8 Node.
- LABOR ALLOCATION:** 1 hour
- CLASSIFICATION:** V3
- PARTS NEEDED:** No Parts Involved

GENERAL INSTRUCTIONS:

Thoroughly review entire service bulletin before starting work. If there are questions or concerns with steps defined in this service bulletin, contact Spartan Fire, LLC. Customer & Product Support Group.

All applicable industry safety standards must be followed when performing work identified in this procedure.

Service Bulletins are intended for use by Professional Technicians only. They are written to guide Professional Technicians in performing service to vehicles of specific nature in conjunction with industry standards. Professional Technicians should be appropriately trained on industry standards and have the tools and equipment to perform procedures safely and properly.



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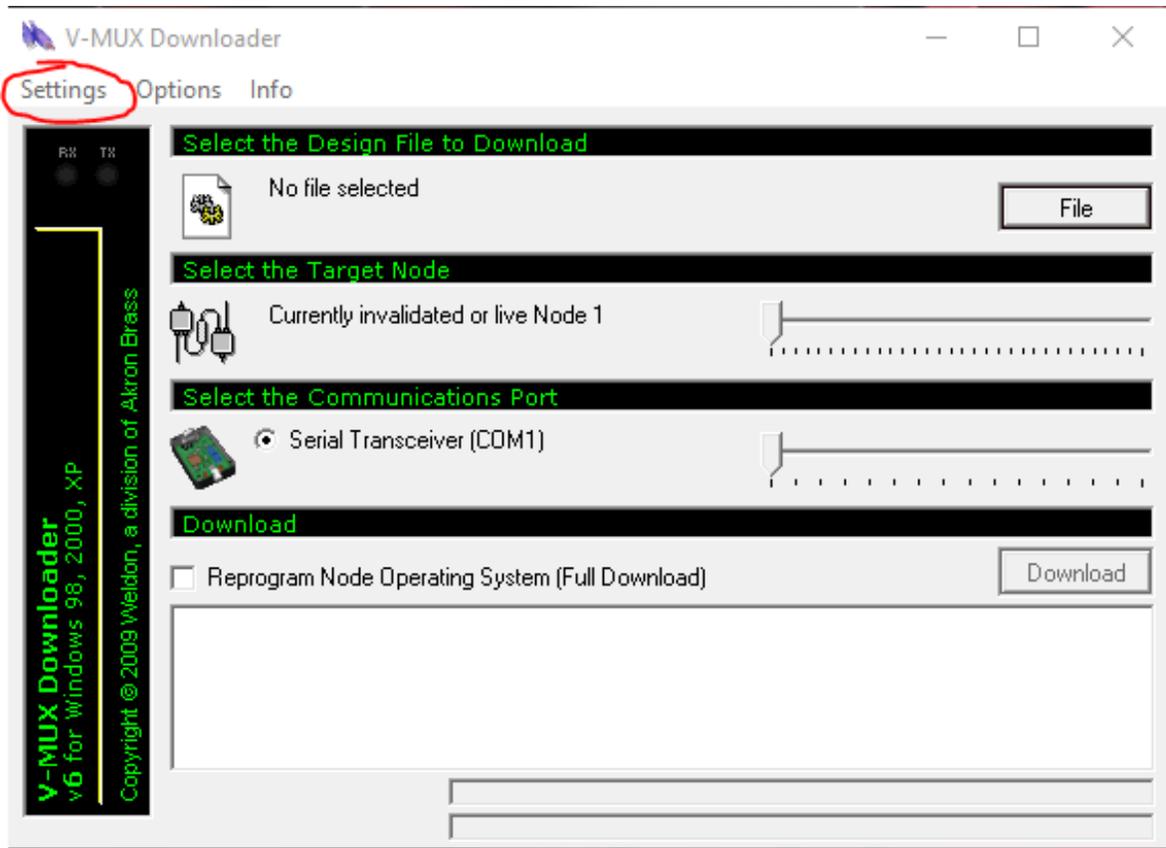
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STEP-BY-STEP INSTRUCTIONS

V-mux Downloader Node OS (Firmware) Instructions

New Installation of V-mux Downloader:

1. To select the correct V-mux node OS files on a new installation of V-mux downloader, click on Settings in the top menu bar and select "Node OS Versions".



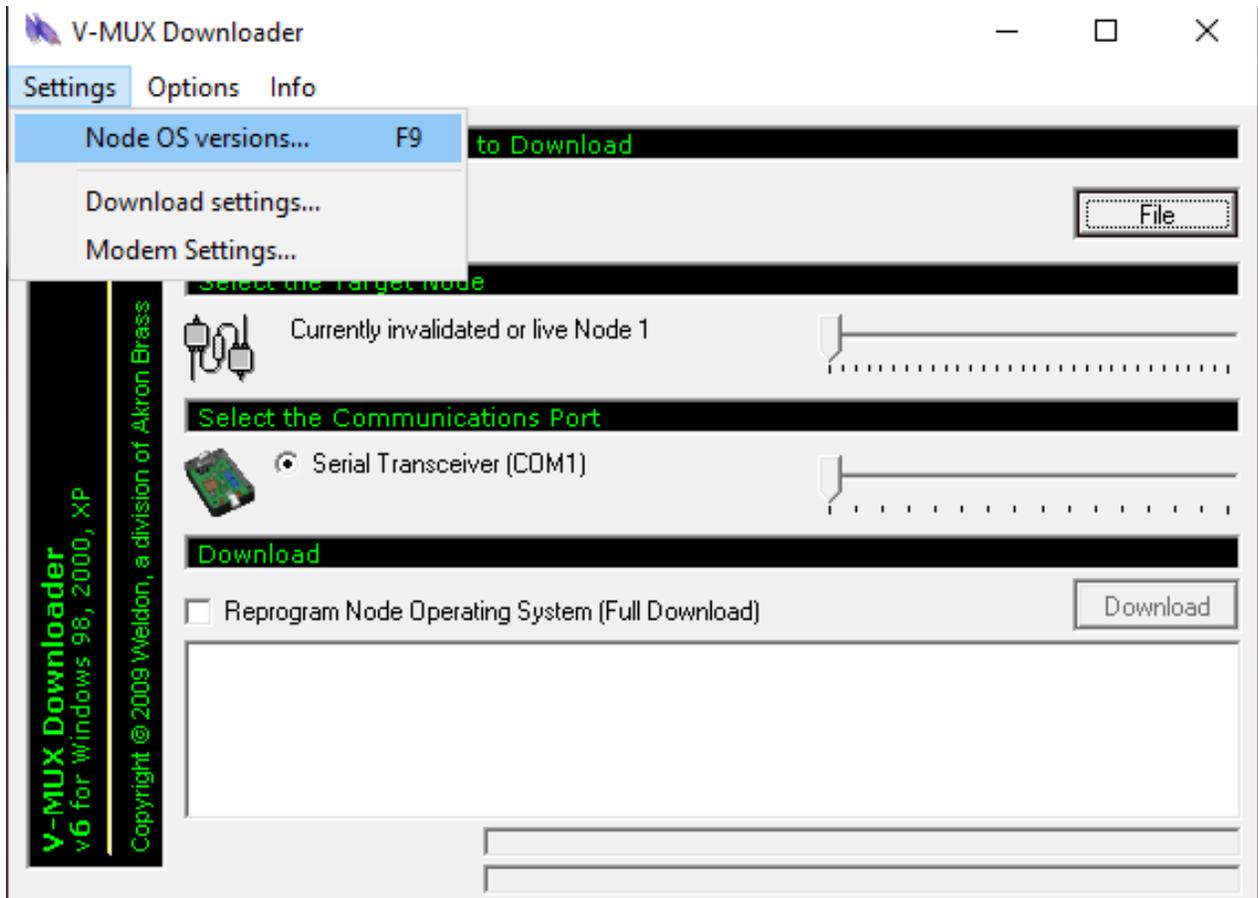
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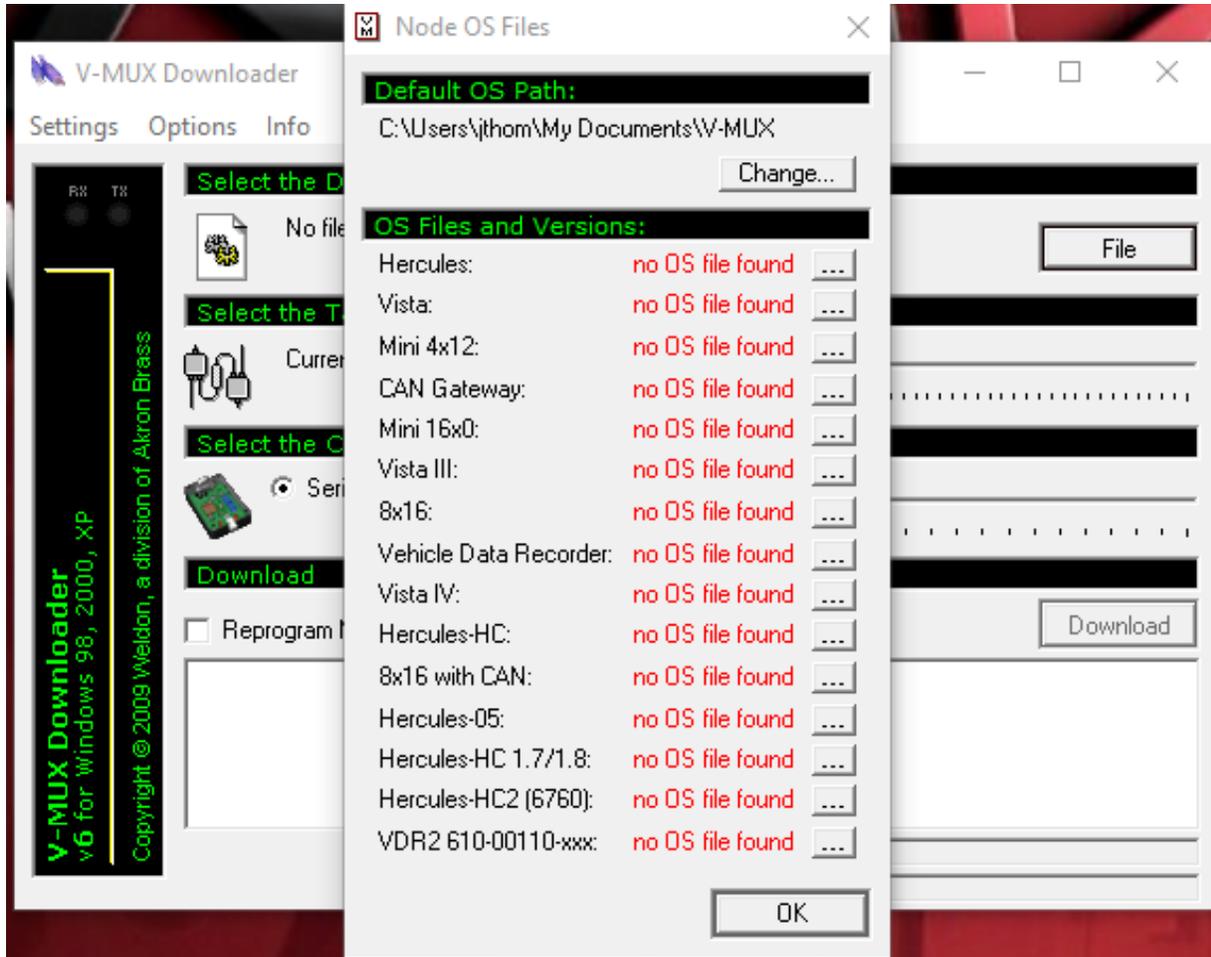
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2. Under the "Default OS Path", the program will default to the local location at C:\Users\YourUserName\My Documents\V-mux, where 'YourUserName' in the file path is your Windows login user name. All nodes should indicate "no OS file found".
3. This folder path must be changed to a folder location of your choosing, specifically the folder where you downloaded and saved the latest OS files from the Idex/Weldon website. This used to provide the latest V-mux operating systems by clicking on the "Change..." button and selecting the correct folder location and select "ok".

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Name	Date modified	Type	Size
AIOSFiles20241219.txt	12/19/2024 4:19 PM	Text Document	1 KB
Mapped V-Mux Drive.bat	9/1/2021 8:33 AM	Windows Batch File	1 KB
vm6000x2.bin	12/19/2024 4:13 PM	BIN File	33 KB
VM6020.BIN	12/19/2024 4:13 PM	BIN File	32 KB
vm6030.bin	12/19/2024 4:13 PM	BIN File	23 KB
vm6030x2.bin	12/19/2024 1:02 PM	BIN File	42 KB
vm6060.bin	12/19/2024 4:13 PM	BIN File	46 KB
vm6060x2.bin	12/19/2024 1:02 PM	BIN File	71 KB
vm6231.bin	12/19/2024 4:13 PM	BIN File	53 KB
vm6241.bin	12/19/2024 4:13 PM	BIN File	164 KB
vm6444.bin	12/19/2024 4:13 PM	BIN File	28 KB
vm6760.bin	7/3/2025 8:49 AM	BIN File	89 KB
vmgii.bin	12/19/2024 4:13 PM	BIN File	33 KB
vmii.bin	12/19/2024 4:13 PM	BIN File	32 KB
vmmii.bin	12/19/2024 4:13 PM	BIN File	32 KB
vmvii.bin	12/19/2024 4:13 PM	BIN File	33 KB
vmvii.zip	5/20/2025 10:37 AM	Compressed (zipp...	339 KB

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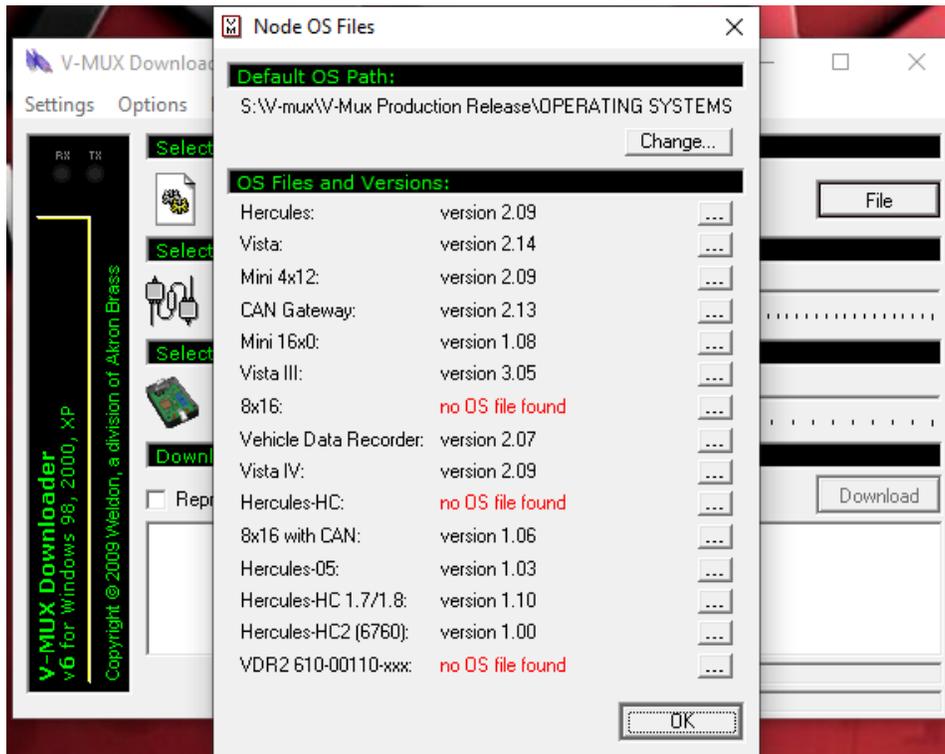
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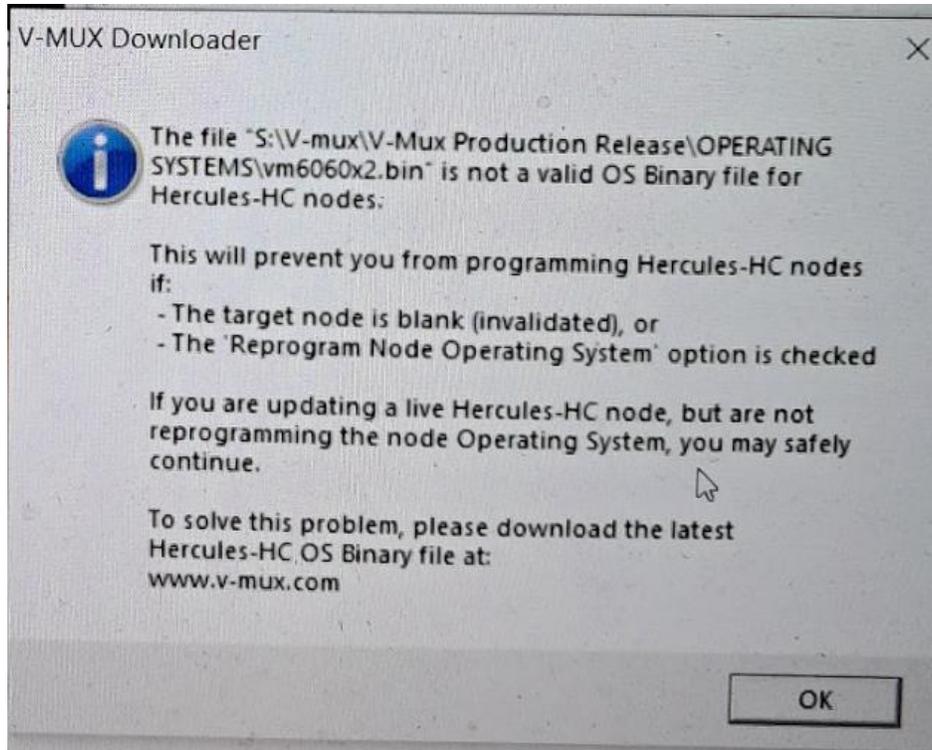
4. After selecting the correct folder, all the most current OS versions should show up for each node. If the node OS file you need still displays “no OS file found” you can click the button to the right of that node and manually select the correct OS file in that same folder location. If you are not sure which OS file to select, a relationship list is provided when the OS files are downloaded from the Akron Brass website (<https://www.akronbrass.com/weldon-v-mux-downloads>).

***Be aware that manually selecting an OS file using the button to the right of the node will retain that version of the OS for the respective node until the “Default OS Path” is reset to the correct location.

- a. Example is the Hercules-HC node which may still show “no OS file found”. For this node you need to click the button next to it and select the “vm6060.bin” file to avoid an error message like the one shown in the 2nd image.

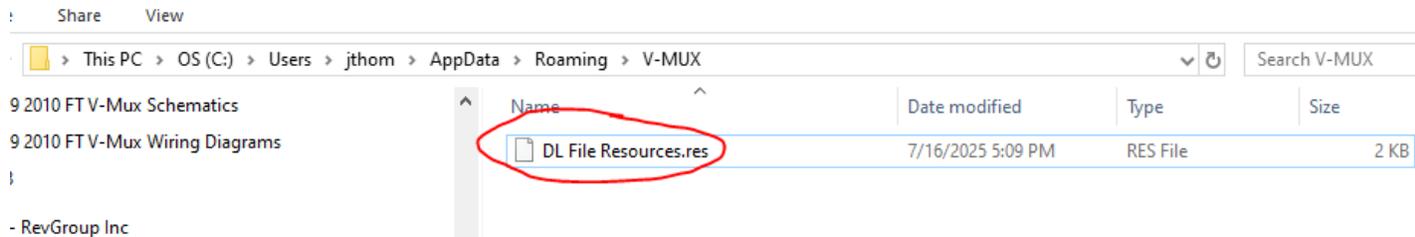


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Updating to New OS Files on Existing Installation of V-mux Downloader:

1. First navigate to the local folder location C:\Users\YourUserName\AppData\Roaming\V-MUX and delete the file named "DL File Resources.res". This will ensure that all ties to a previous OS file for each specific node are broken in the V-mux Downloader program.



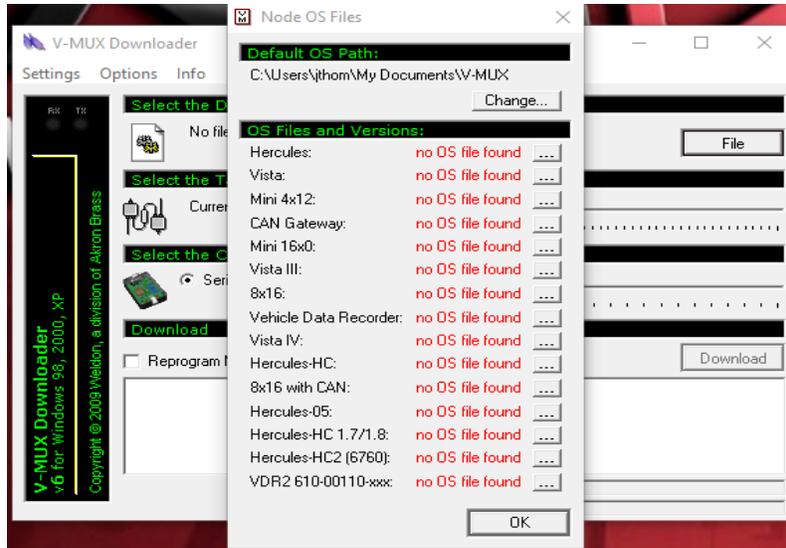
2. When you reopen the program, you should see that all nodes indicate "no OS file found" after deleting the above file.

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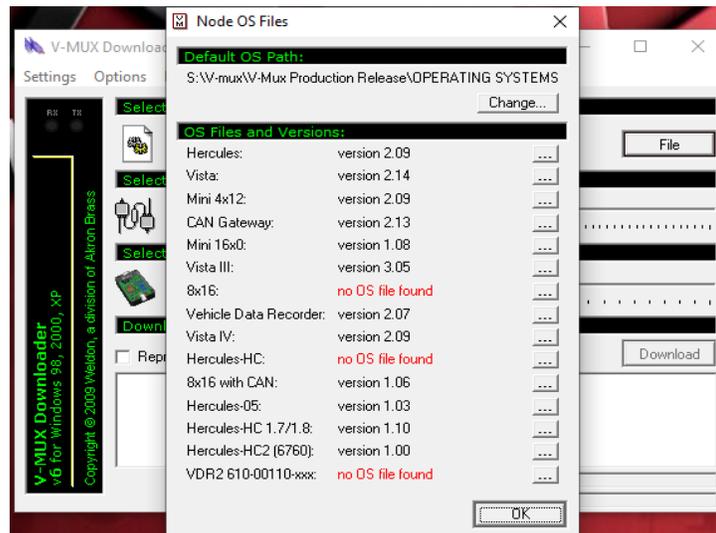


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- Under the “Default OS Path”, the program will again default to the local location at C:\Users\YourUserName\My Documents\V-mux, where ‘YourUserName’ in the file path is your Windows login user name. This folder path must be changed to the folder used to provide the latest V-mux operating systems from <https://www.akronbrass.com/weldon-v-mux-downloads> by clicking on the “Change...” button, selecting the folder location where the OS files were previously stored, and then click OK.



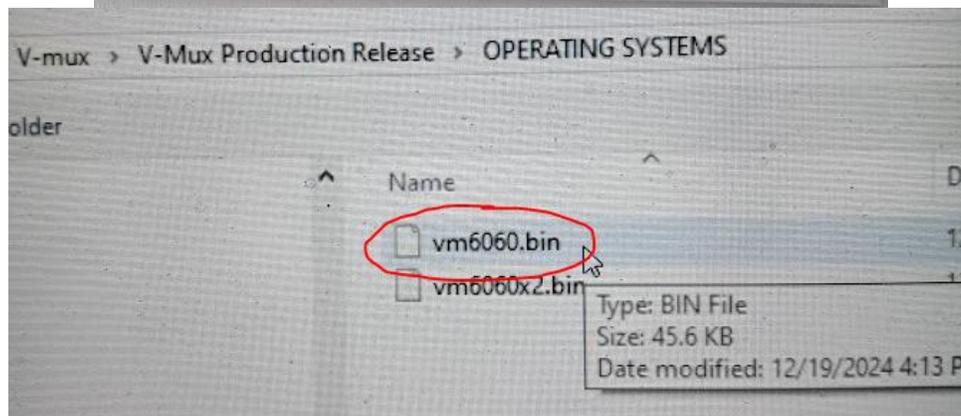
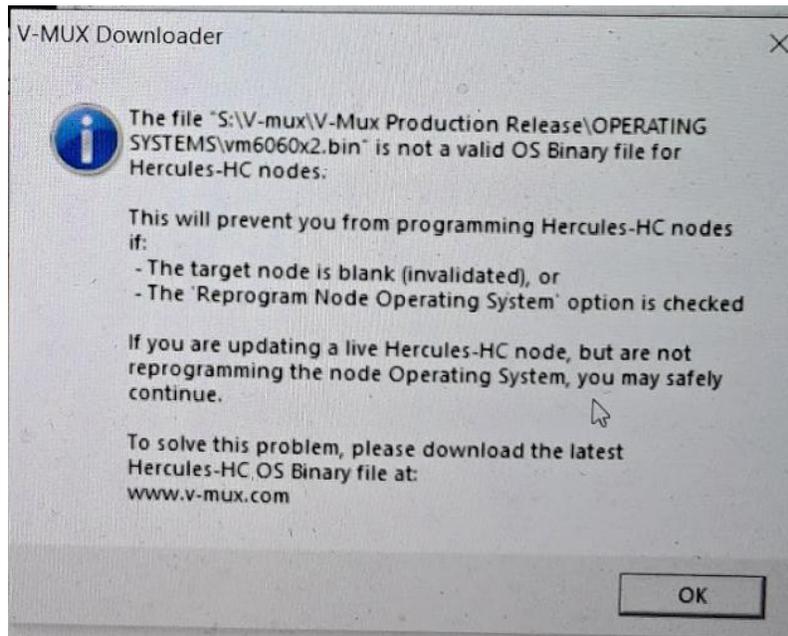
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4. After selecting the correct network drive folder, all the most current OS versions should show up for each node. If the node OS file you need still displays “no OS file found” you can click the button to the right of that node and manually select the correct OS file in that same network folder location. If you are not sure which OS file to select, please contact Electrical Engineering.
 - a. Example is the Hercules-HC node which may still show “no OS file found”. For this node you need to click the button next to it and select the “vm6060.bin” file to avoid an error message like the one shown in the image below.



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