# Instructions

The Web development team requests a new virtual machine to be deployed that can have AlmaLinux installed on it. Please ensure that the VM is named <username>-lls (for Lab, Linux Server). Do NOT use your existing -als VM for this (or any) lab.

# Screenshots

Paste the required screen shots under each description.

1. Paste a screen shot showing the “General” settings of the new virtual machine within the Sandbox interface.

A screenshot of a computer

Description automatically generated

# Documentation

Record and explain all the steps you took to complete the task. Include any commands used, screen shots showing GUI interfaces, or any other information that would help you recreate the task. Note that the rubric requires that you make smart use of code, screenshots, and explanatory text. Do NOT skimp on documentation.

**Note: You will be allowed to use this documentation to help you complete future assignments.**

1. **Creating the Virtual Machine**

After downloading the AlmaLinux ISO file, I opened VirtualBox and started by creating a new virtual machine. I named the VM <portedl>-lls. For the operating system, I selected "Other Linux (64-bit)" to match the architecture of AlmaLinux. This ensures compatibility and proper configuration for the installation process.

1. **Configuring System Resources**

Once I named the VM and selected the OS type, I allocated 5137 MB of RAM to run AlmaLinux smoothly on my setup. I also assigned two processors to ensure the VM could handle multitasking efficiently.

1. **Storage Setup**

For the storage setup, I efficiently created a virtual hard disk with a size of 20 GB, providing ample space for the AlmaLinux installation and any additional software. Opting for a dynamically allocated disk, I ensured efficient disk space management on my host machine, using space only as needed.

1. **Final Configuration and Review**

Before starting the VM, I reviewed all the settings to ensure everything was correctly configured. The screenshot shows the final setup, including the VM name <portedl>-lls, the allocated memory, processors, and the 20 GB hard disk. I made sure the virtual optical drive was empty, as the ISO would be loaded separately during the installation process.

1. **Summary**

I carefully set up the new virtual machine to run AlmaLinux. I allocated resources thoughtfully and paid close attention to the configuration steps, so I'm confident the VM will perform well for the tasks and labs I need to complete.