Project 4: Linux Essential tools

# Part1: Determining Which Distribution Is Running on a Host

## Description

In this hands-on lab, we will determine the Linux distribution that is running on the lab host. As a System Administrator, it's not uncommon to log into an unfamiliar system to perform troubleshooting and other tasks, and this lab gives us a chance to practice discovering details about the operating system.

# View the Release Files.

# View the Issue Files.

# Run a Utility to Determine the Linux Distribution.

# Determine the Number of Files and Folders in `/usr/share`

# Determine the Total Number of Entries in `/var/log/dnf.log`

1. **List all lines that have string “max” in /etc/systemd/journald.conf and dump them into /var/max.txt file.**

# Using echo to display below information on your rocky.project2.com and redirect and append those info’s on file called project4.txt

# Display system hostname

# Display full time and date when you were doing this assignment

# Display system uptime

# Display your Operating system

# Display memory Usage

# Display kernel release

# Note: All this info needs to be added to project4.txt using echo command

# Part2: Getting Hardware Information from the Command Line

## Description

Being able to locate hardware information can help us to ensure that hardware is being used appropriately and is helpful if we need to install additional drivers. In this hands-on lab, we will practice answering questions about host hardware.

# Determine How Much Storage Is Available.

# Add the answer to the line below the corresponding question in hw\_questions.txt.

# Determine the Number of CPUs/Cores

# Add the answer to the line below the corresponding question in hw\_questions.txt.

# Determine the CPU Speed.

# Add the answer to the line below the corresponding question in hw\_questions.txt.

# Determine How Much RAM Is Installed.

# Add the answer to the line below the corresponding question in hw\_questions.txt.

# Determine How Much Swap Is Being Used.

# Add the answer to the line below the corresponding question in hw\_questions.txt.

# Determine the BIOS Version.

# Add the answer to the line below the corresponding question in hw\_questions.txt.