

# Quick Start Guide: UNIX/ LINUX Build Kits

The Linux Build Kit contains a set of functions used to remediate a Linux system in accordance with the guidance in the corresponding Benchmark

## Requirements

- As a Secure Suite member you can download CIS Build Kits from [CIS Workbench](#)
- Please ensure that the Build Kit is fully validated in your testing environment before running it on a production system.

Applying the Build Kit to a system without proper testing and review may result in a negative impact within your environment.

## Implementation Steps

This quick start guide demonstrates the application of the Ubuntu 20.04 Build Kit version 1.0.0. **However, these steps can be used as a general guide for applying any CIS Linux Build Kit**

1. Download the Build Kit from CIS WorkBench to a desired directory with the necessary permissions to execute `sudo` commands
2. Decompress and extract the Build Kit **archive**  
`sudo tar xvfz /home/support/cis-lbk_ubuntu2004_bmv1.0.0.tar.gz`
3. Make the installation shell script executable  
`sudo chmod 500 /home/support/CIS-LBK/UBUNTU2004_LBK/UBUNTU2004_LBK.sh`
4. Execute the script as root  
`/home/support/CIS-LBK/UBUNTU2004_LBK/UBUNTU2004_LBK.sh`
5. When prompted select the appropriate CIS Benchmark Profile
6. Depending on the packages installed on your **Unix/Linux** system you may be prompted for additional options, select the appropriate field for your environment
7. Linux Build Kits have environment specific settings that cannot be scripted. Ensure that you check the `CIS-LBK_manual.log` file and complete those manual configurations.
  1. Once the Linux/Unix Build Kit is applied/ run it creates the manual Recommendation list in the `CIS-LBK_manual.log` file under `/logs/[date]/`
8. A final reboot is generally required for some of the settings to be implemented

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# Troubleshooting Steps

You will see at the end of the script there is some summary information. Please check that information especially the sections;

- Please review the logs
- Totals
- Summary

If there are services or changes that you need to make to the remediated system please refer to the Benchmark which corresponds with the Build Kit being used. Benchmark PDF and MS Word versions are available on CIS WorkBench