# CYB 300 Module One Practice Lab Worksheet

Complete this worksheet by replacing the bracketed phrases in the Response column with the relevant information. For all screenshots, include your name in the command line.

## Lab: Securing Linux Devices

## Exercise 1: Secure an Alma Device

| **Prompt** | **Response** |
| --- | --- |
| Task 1: Take a screenshot of **Step 3** showing the sudo sestatus command. Add your name in the command line. | A screenshot of a computer  Description automatically generated |
| Task 1: Take a screenshot of **Step 5** showing sudo setenforce permissive. Include your name in the command line. | A computer screen shot of a computer  Description automatically generated |
| Task 3: Take a screenshot of **Step 5** showing the context label of the website folder changed. Include your name in the command line. | A screenshot of a computer  Description automatically generated |
| Why is it important to show the status and context label of the website folder? | It is essential to show the status and context label of the website folder because it verifies that the correct security settings are in place. This ensures that SELinux is enforcing the appropriate policies to protect the folder. By confirming these settings, we can protect the folder from unauthorized access and potential security threats. |
| Task 3: Take a screenshot of **Step 9** showing Port 50080 being added to the SELinux. | A computer screen with white text  Description automatically generated |
| What is the significance of showing the port addition? | Showing the port addition is significant because it confirms that the system is configured to allow network traffic on the newly added port. This is crucial for the proper functioning of services that use non-standard ports. It also helps maintain security by ensuring only designated ports are open, reducing the risk of unauthorized access. |

## Exercise 2: Secure an Ubuntu Device

| **Prompt** | **Response** |
| --- | --- |
| Task 3: Take a screenshot of **Step 7** showing the apparmor has been enabled to protect the apache server. | A screenshot of a computer screen  Description automatically generated |
| What is the importance of apparmor when it comes to protecting the apache server? | apparmor is essential for protecting the Apache server because it enforces strict security policies that limit what the server can do. Ensuring that the damage is contained even if the server is compromised reduces the risk of exploitation. By confining the server's operations, apparmor helps maintain the overall security and stability of the system. |