

**LAB**

**LINUX SYSTEM ADMINISTRATION**

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VERSION 2

06-JUN-2023

**LAB**:LAB05-01

**OBJECTIVE**: The objective of this lab is to learn how to enable and disable, start and stop services, and review system runlevels.

**INSTRUCTIONS**: These labs will test your ability to actively research how to perform a required action on a Linux operating system. All questions asked (below) should be included in a lab report. This lab report should be written in Microsoft Word and include a numbered list corresponding to the task (below). This list must include a clear screenshot of the command and its output. Please follow the instructions for submitting this assignment on Blackboard.

* You should be logged in as ***labuser1*** with the password ‘P@$$w0rd’
* You must be in the **/labs/CH05** folder to complete this lab.

**SERVICE MANAGEMENT**

1. Using the ***systemctl*** command, check the status of the ssh service.
   1. Is the service enabled?
   2. Is the service started?
2. Using the ***systemctl****[[1]](#footnote-2)*command, enable the ssh service.
   1. What did you observe?
3. Using the ***systemctl*** command, what is the status of the ssh service?
   1. Is the service enabled?
   2. Is the service started?
4. Using the the ***systemctl****[[2]](#footnote-3)* command, start the ssh service.
   1. What did you observe?
5. Using the ***systemctl*** command, what is the status of the ssh service?
   1. Is the service enabled?
   2. Is the service started?

**RUNLEVEL MANAGEMENT**

1. Using the ***runlevel*** command, what is the current runlevel?
   1. What did you observe?

1. You will have to use the ***sudo*** command for these steps. [↑](#footnote-ref-2)
2. You will have to use the ***sudo*** command for these steps. [↑](#footnote-ref-3)