**ProLUG 101**

**Unit 4 Worksheet**

# Instructions

Fill out this sheet as you progress through the lab and discussions. Hold onto all of your work to send to me at the end of the course.

# Discussion Questions:

**Unit 4 Discussion Post 1**: Read this article: <https://cio-wiki.org/wiki/Operations_Bridge>

1. What terms and concepts are new to you?

2. Which pro seems the most important to you? Why?

3. Which con seems the most costly, or difficult to overcome to you? Why?

**Unit 4 Discussion Post 2:** Your team has no documentation around how to check out a server during an incident. Write out a procedure of what you think an operations person should be doing on the system they suspect is not working properly. This may help, to get you started (<https://zeltser.com/media/docs/security-incident-survey-cheat-sheet.pdf?msc=Cheat+Sheet+Blog>) You may use AI for this, but let us know if you do.

# Definitions/Terminology

Detection

Response

Mitigation

Reporting

Recovery

Remediation

Lessons Learned

After action review

Operations Bridge

# Notes During Lecture/Class:

Links:

Terms:

Useful tools:

# Lab and Assignment

Unit4\_Lab\_Operate\_Running\_Systems - To be completed outside of lecture time

Begin working on your project from the Project Guide

Topics:

* + 1. System Stability
    2. System Performance
    3. System Security
    4. System monitoring
    5. Kubernetes
    6. Programming/Automation

You will research, design, deploy, and document a system that improves your administration of Linux systems in some way.

# Digging Deeper

1. Read about battle drills here (<https://en.wikipedia.org/wiki/Battle_drill>)

Why might it be important to practice incident handling before an incident occurs?

Why might it be important to understand your tools before an incident occurs?

# Reflection Questions

1. What questions do you still have about this week?
2. How much better has your note taken gotten since you started? What do you still need to work on? Have you started using a different tool? Have you taken more notes?