**IT 6823 Assignment #3**

**Objective**

This assignment is based on the LM10. Identify and install an open-source IDS to be used for small organization.

**Instructions**

A small business needs an IDS to protect its network, but they have very limited budget. Your tasks are listed as follows.

1. Research Identify at least 3 open source IDSs in the market. For each IDS, lists each name, source, type of IDS (signature-based or anomaly-based)
2. Develop a rubric (selection criteria) to evaluate the identified IDSs and select one appropriate for the small business.
3. Install the selected IDS and provide a screenshot of IDS running.

**Submission Guideline**

* Save the solution in MS Word file and name it as “Assignment 3\_xxxx.docx”, where xxxx is your KSU NetID.
* Submit the solution file to the corresponding assignment drop box by the deadline specified in D2L calendar.

**Grading Rubrics**

This assignment has 20 points in total.

|  |  |  |  |
| --- | --- | --- | --- |
| **Exemplary**  **(18-20 points)** | **Adequate**  **(16 - 17 points)** | **Need Improvement (14 - 15 points)** | **Inadequate**  **(<=13 points)** |
| 1) The assignment is professionally formatted: divided in sections with appropriate titles. Free of spelling and grammar errors.  2) Include solutions for all tasks listed.  3) The solutions are sufficiently address the tasks. | 1) The assignment is professionally formatted: divided in sections with appropriate titles. A few spelling and grammar errors.  2) Include solutions for all tasks listed.  3) The solutions are sufficiently address two of the tasks. | 1) The assignment is formatted: divided in sections with appropriate titles. Several spelling and grammar errors.  2) Include solutions for two tasks.  3) The solutions are sufficiently address one of the tasks. | 1) The assignment is not well formatted. Many spelling and grammar errors.  2) Include solutions for one task or less.  3) The solutions are sufficiently address none of the tasks. |