

Course Name: Networking and Information Security

Course Code: 71013050

Group Project (50% towards your final grades)

All class (79 students) will be divided into 10 sub-groups for this project (each group with 8 assigned members, the last group with 7 members). The sub-group will be based on the order of class roster.

The project will normally consume all practical and lab works' sessions which include 12 class hours and some extra outside of classroom hours if needed.

As Information Security starts from individual computing devices, like laptops and desktops. This project is designed for you to have a better understanding how a computer's log files contribute to network and information security.

Each sub-group is required to conduct the following tasks **within 1500 words limit**:

Task 1

Identifying two computers which run two different platforms. You should have an administrator's privileges over two selected computers which can be your own computers or if the sub-group do not have their own computers, then school's lab computers can be used with a suitable arrangement with the course examiner, Dr. Yongqiang Dong.

Task 2

Finding all log files' location and record the location. Doing an analytical report to illustrate the log file types and associated functionalities.

Task 3

Doing a contrast and comparison of two different log file systems to do some further research on their respective advantages and disadvantages.

Task 4

Doing a further research how the log files can contribute to network and information security.

Task 5

Doing a brief journal to record your sub-group activities, major events and each individual's contribution towards this project.

Task 6

Based on your teamwork, each sub-group is required to prepare short research report to summarise the major achievements from Task 1 to Task 5 by each sub-group. The report has to be written in English and the format can be a report to be presented to the senior management or IT professionals.

Task 7

Each sub-group has to prepare 20 PPT slides to demonstrate their findings and present to all the class.

Peer Evaluation

All students will vote for the best project. One student has only one vote. The vote is only for the sub-group which the voter is not part of the team. The sub-group's score will be based on the number of votes. The sub-group with the highest number of votes will be awarded the highest score (100), sequentially the sub-group with the lowest number of votes will be awarded the lowest score (60). All other sub-groups' score will be scaled according to the number of votes which they get. The examiners will be the moderator to ensure the processes are fair and transparent. The report and PPT slides will submit to the course examiner for further moderation.

Prepared for the Course of Networking and Information Security, Software College, Southeast University