

The *fifth* Master of Computing and innovation Group Project weekly meeting will be held in **Room 464** at **3.00pm on Tuesday 03 Apr 2018**.

Meeting minutes on 03rd Apr

Attendance: Zheng Xu, Junjie Guo

1 Apologies

None

2 Progress

We change our implementation of C4.5 to running on Hadoop platform. The previous version just utilizing the decision without MapReduce.

2.1 Findings

1. No suitable source code could be used in our project.

Answer: There is no code for C4.5 implemented in Hadoop, we need to implement this algorithm by ourselves.

2. It is hard to handle continuous data.

Answer: We still work on the continuous data problem.

3. The time of building model is shorter than previous version, it just costs 15 minutes to build the training model.

Answer: The training time is shorten than before, but we still need to work on the accuracy.

4. The training data includes 19 types of attacks, but testing data owns 27 types of cyber-attacks.

Answer: This database is formal one, so we need to solve it by ourselves.

2.2 About the next steps

1. Trying to testing the data to acquire a high accuracy of detection.

Modify the code.

2. Searching the solutions for dealing with the unknown attacks.

Find the way out to detect the other attack accurately then solve this problem.

Note: Next meeting to be held on 10 April 2018.