**Weekly Progress Report - Information Security Project**

**Group members:**

1. Ma Nay Chi Nway Nway ( 5CS-8)

2. Ma Aye Mon Myint (5CS-10)

3. Ma Hla Thinzar Nwe (5CS-15)

4. Ma Winn Haemahn Kyaw (5CS-21)

5. Ma May Myat Noe Khin (5CS-26)

6. Ma Sandi Chan Nyein (5CS-34)

7. Ma Thandar Win(1) ( 5CS-53)

**Project Title** : Distributed Denial of Service (DDoS) attack

**Week Ending** : 1st , March , 2024 ( friday )

**Project Overview** : The project focus on identifying, exploiting and mitigating vulnerabilities within network to improve their security and protect against DDoS attacks.

**Objectives :**

* to demonstrate vulnerability
* to manipulate the DDoS of a network
* to inaccessible to legitimate users
* to disrupt the availability of online services or resources

**Accomplishment Week 2**

**1. Development**

Assigned to : Ma Hla Thinzar New(5CS-15),Ma May Myat Noe Khin(5CS-26)

Responsibilities : to develop DDoS attack

Completion Percentage: 60 %

**2. Research**

Assigned to : Ma Nay Chi Nway Nway(5CS-8),Ma Aye Mon Myint(5CS- 10)

Responsibilities : to research about DDoS attack functions

Completion Percentage : 75 %

**3.Testing**

Assigned to: Ma Winn Haemahn Kyaw(5CS-21), Ma Thandar Win (1) (5CS-53)

Responsibilities : to test developed code

Completion Percentage : 65 %

**4.Testing open source DDoS**

Assigned to : Ma May Myat Noe Khin(5CS-26), Ma Sandi Chan Nyein (5CS-34)

Responsibilities : to find more function about DDoS attack

Completion Percentage : 70 %

**5.Documentation**

Assigned to : Ma Nay Chi Nway Nway(5CS-8), Ma Aye Mon Myint(5CS- 10),Ma Hla Thinzar Nwe(5CS-15)

Responsibilities : to write and research about documentation

Completion Percentage : 100 %

**Next Week Plan**

**1.Extended Development**

Assigned to :Ma Aye Mon Myint(5CS-10) , Ma Hla Thinzar New(5CS-15)

Responsibilities : to develop DDoS attack

Completion Percentage : Plan to finish about 100 %

**2.Research**

Assigned to: Ma Winn Haemahn Kyaw(5CS-21), Ma Thandar Win (1) (5CS-53)

Responsibilities : to research about DDoS attack functions

Completion Percentage : 100 %

**3.Testing**

Assigned to : Ma Sandi Chan Nyein (5CS-34)

Responsibilities : to test developed code

Completion Percentage : Plan to finish about 100%

**4.Testing open source DDoS**

Assigned to : Ma Nay Chi Nway Nway(5CS-8),Ma May Myat Noe Khin(5CS-26)

Responsibilities : to find more functions about DDoS attack

Completion Percentage : 100%

**5.Documentation**

Assigned to :Ma Aye Mon Myint(5CS-10),Ma Hla Thinzar Nwe(5CS-15)

Responsibilities : to write and research about documentation

Completion Percentage : have to finish before next report time

**Upcoming Milestones :**

* to mitigate DDoS vulnerabilities in the network
* to test DDoS functions and develop attack
* to deploy updated functions

**Issues/Blockers :**

* We are still facing syntax errors in DDoS attack development.
* We have no experiences in developing DDoS attack.
* We still do not know the most convenient ways to connect the network.

**Additional Notes :**

Pardon me for my inexperienced documentation.

**Attachments :**

There is attachment for this week.

Next Week Meeting :Meeting on Zoom at every Thursday night about 9 or 10 pm.

**Conclusion**

Distributed Denial of Service (DDoS) attacks can have severe consequences, disrupting online services and causing financial losses. To mitigate these attacks, a combination of robust network infrastructure, proactive monitoring, and mitigation strategies is essential.

**Reported leader Name** : Ma Aye Mon Myint(5CS-10)

**Leader Name for Next Week :** Ma Hla Thinzar New(5CS-15)