

UJIAN TENGAH SEMESTER
SEMESTER GENAP 2023/2024

Mata Kuliah : Kemanan Jaringan
Program Studi : Informatika
Dosen : Diash Firdaus, M.T.
Kelas : AA-EE

Tanggal : 25 Maret 2024.
Waktu : 11.00 – 12.30
Sifat : Open Note

- A. CPMK 1 Mahasiswa dapat menjelaskan OSI Layer dan IoT Network Layer, Jenis serangan dan cara penanggulangan serangan setiap layer serta memahami manfaat dan cara meningkatkan firewall**
Bobot penilaian ini 45% dari total kelulusan

Bobot Soal A1 dan A2 masing-masing 15 %

- A1. explain the functions of the OSI Layer or IoT Network Layer and the types of attacks that occur at each layer.
- A2. In the case of the BSI Syariah Cyber attack, what type of attack was carried out by the attacker and how to deal/defense with the attack

Bobot Soal A3 40%

- A3: Explain what a firewall is and how each type of firewall works then explain the techniques/methods to improve firewall capabilities.

Bobot Soal A4 15%

- A4. Sebutkan dan jelaskan langkah langkah penetration testing menggunakan tools xray

Bobot Soal A5 15%

- A5. Based the answer from A1, please explain how to defend against attacks that occur at each layer