

# **TUGAS KEAMANAN JARINGAN**

## **“KNOWLADE 3 DAN 4 ”**



Nama : Akhmad Mufti Ali Wafa

Kelas : D4 LJ Teknik Informatika B

NRP 3122640048

**POLITEKNIK ELEKTRONIKA NEGERI SURABAYA**

**TAHUN AJARAN 2022/2023**

## Knowledge 3

Access to an internal server can be limited by using which of the following security control?

- ☒ Firewall
- ☐ Intrusion Detection System
- ☐ Patch Management
- ☐ Network Monitoring

because in my opinion Access to internal servers can be limited by using firewall security controls

Cyber Security Frameworks can help organizations to

- ☐ Protect critical services and information assets
- ☒ Develop policies and procedures for the implementation of security controls
- ☐ Detect intrusion attempts and log them to a central repository
- ☐ Secure the network perimeter from unauthorized access

because I think Cyber Security Framework can help organizations Develop policies and procedures for the implementation of security controls

Which of the following security controls can be used to limit access to certain servers hosted in a facility?

- ☐ Intrusion Detection System
- ☐ Packet Analysis Tool
- ☐ Network Monitoring System
- ☒ Firewall

because I think the security control that is on top to limit access to certain servers is a firewall

Reviewing access and activities from log files is an example of which of the following security controls?

- ☒ Security Audit
- ☐ Incident Response
- ☐ Authentication
- ☐ Vulnerability management

because I think Reviewing access and activity from log files is a Security Audit security control

Securing the data centre with locks and closed-circuit television (CCTV) is an example of which security control category?

- ☐ Policy
- ☐ Technical
- ☒ Physical
- ☐ Virtual

because in my opinion Physical security controls are measures taken to protect assets, resources and physical facilities from unauthorized access, theft, damage or tampering.

Which of the following activities is related to vulnerability management

- ☐ Applying new firewall rules
- ☐ Enforcing VPN usage on corporate users
- ☐ Updating antivirus software signature
- ☒ Applying security patches

because in my opinion the activity related to vulnerability management is Applying security patches

Which of the following controls can be used to protect data that is traversing the network?

- ☒ Firewall
- ☐ Intrusion Detection System
- ☐ Virtual Private Network (VPN)
- ☐ Anti Virus Software

Finish Quiz

because in my opinion what can protect data across the network is a firewall

hasil :

# CS Knowledge Check 3

## Knowledge Check 3

### Results

6 of 7 Questions answered correctly

Your time: 00:03:04

**You have reached 6 of 7 point(s), (85.71%)**

[Click Here to Continue](#)

[Restart Quiz](#)

## Knowledge 4

One of the responsibilities of a security auditor is to

- ☐ Analyze logs and netflows for signs of attacks
- ☒ Ensure compliance to security policies
- ☐ Write signatures for the intrusion detection system
- ☐ Configure firewall rules

because in my opinion one of the responsibilities of the security auditor in the answer above is Ensure compliance to security policies.

Which of the following is ultimately responsible for formulating the security strategy and making sure that resources are allocated for the organization-wide security program?

- ☒ Top Management
- ☐ Penetration Tester
- ☐ Security Analyst
- ☐ Security Auditor

because in my opinion it is the responsibility as top management in formulating an organization's security strategy and ensuring that resources are allocated to security programs throughout the organization.

Which role normally deals with data recovery and examination after a security breach?

- ☒ Digital Forensics Analyst
- ☐ Penetration Tester
- ☐ Security Auditor
- ☐ Network Engineers

because in my opinion, the role of handling data recovery and examination after a security breach is a Digital Forensics Analyst.

Which role is responsible for ensuring internally developed web applications are not vulnerable to attacks such as SQL injection or Cross-Site Scripting?

- ☐ Network Engineer
- ☒ Software Developer
- ☐ Security Auditor
- ☐ Security Analyst

Finish Quiz

because in my opinion the one responsible for ensuring internally developed web applications are not vulnerable to attacks such as SQL injection or Cross-Site Scripting is the Software Developer

hasil

# CS Knowledge Check 4

## Knowledge Check 4

### Results

4 of 4 Questions answered correctly

Your time: 00:04:48

**You have reached 4 of 4 point(s), (100%)**

Click Here to Continue

Restart Quiz