

# KEAMANAN JARINGAN

APNIC Academy Courses



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# Module 3: Cyber Security Controls

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

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

**Physical**, dengan cara mengunci data center dan juga memberikan keamanan tambahan berupa CCTV merupakan jenis security control physical yang membantu memberikan tambahan layer keamanan dari serangan fisik.

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

**Intrusion Detection System** dapat mendeteksi system dan jaringan yang memiliki aktivitas mencurigakan

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

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

**Firewall** dapat digunakan untuk memblokir atau mengizinkan akses keluar masuk, sehingga dapat memberi batasan siapa saja yang dapat mengakses.

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

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

**Security Audit**, didalamnya terdapat Security Vulnerability Scans yang salah satunya adalah membaca log kegiatan untuk menemukan celah.

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

**Develop Policies and Procedures for Implementation of Security Control** karna dalam Cyber Security Framework telah diatur standard dalam dokumentasi proses Security Control sehingga memudahkan management security control di lingkungan perusahaan.

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

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

**Firewall** dapat digunakan untuk memblok atau mengijinkan akses keluar masuk, sehingga dapat memberi batasan siapa saja yang dapat mengakses.


Which of the following activities is related to vulnerability management

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

**Applying Security Patches** harus dilakukan secara tepat waktu, karna sering kali celah atau kerentanan ditemukan di aplikasi atau firmware yang tidak diupdate.

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## Knowledge Check 3

You will need to achieve a score of 80% or higher to pass the quiz. If you don't pass on your first attempt, you can retake the quiz as needed.

### Results

6 of 7 Questions answered correctly

Your time: 00:13:29

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

Click Here to Continue

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Module 4: Cyber Security Professionals

# Module 4: Cyber Security Professionals

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?

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

**Top Management** memiliki peran paling besar dalam pengimplementasian kebijakan keamanan secara keseluruhan

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

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

**Digital Forensics Analyst** akan menangani data recovery dan penyelidikan yang berdasarkan log, flow jaringan untuk menelusuri tindakan kriminal yang terjadi.

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

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

**Software Developer** yang bertugas dalam pengembangan seluruh aplikasi sesuai ketentuan yang telah ditetapkan dan dirancang oleh network engineer.

One of the responsibilities of a security auditor is to

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

**Ensure compliance to security policies**, dengan memastikan tetap sesuai dengan kebijakan keamanan dan mengontrol bahwa implementasi berjalan sesuai yang seharusnya.

# Knowledge Check 4

You will need to achieve a score of 80% or higher to pass the quiz. If you don't pass on your first attempt, you can retake the quiz as needed.

## Results

4 of 4 Questions answered correctly

Your time: 00:00:15

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

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