

3:30

Wednesday, January 8



3:30 AM
8/1/2025



Dr.David Semaan

SIGN IN



Introduction



Objectives



Topics

MEMBERS

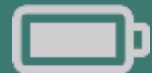
Zoulfikar Malak(1220658)

Software protection

What is software protection? *and*
What is the best solution to
protect software?



Insert Topic Title



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INTRODUCTION



In today's digital era, software is one of the most practical assets for businesses and individuals. Nevertheless, protecting software from unauthorized entry, pirating, and tampering introduces a challenge.

Software protection involves executing strategies and instruments to protect applications against these dangers, providing intellectual property (IP) morality, data security, and valid licensing.



Introduction



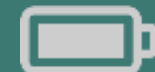
Objectives



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OBJECTIVES



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I. Significance of Software Protection

II. The best solutions to secure software efficiently.

III. Market overview.

IV. Expert opinion.



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I.



II.



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IV.



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Significance of Software Protection



- i. Protects intellectual property and contains software piracy.*
- ii. Provides data security and safeguards against cyberattacks.
- iii. Supports competitive advantage and fosters innovation.
- iv. Maintains brand reputation and reinforces regulatory compliance.



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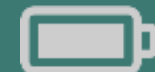
IV.

The best solutions to secure software efficiently.

- i. Shift Left Security: Incorporate security early in SDLC.*
- ii. Automate Tools: Use SAST, DAST, and CI/CD security checks.*
- iii. Secure Design: Involve least privilege and zero trust principles.*
- iv. Regular Updates: Patch exposures proactively.*
- v. Training: Enlighten developers on secure coding.*
- vi. Monitor & Respond: Facilitate real-time monitoring and incident response.*



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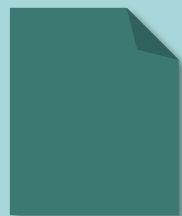


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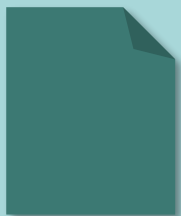


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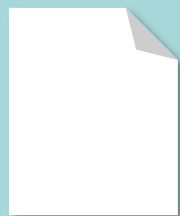
TOPICS



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Market overview.

1. Application Security
2. Endpoint Security
3. SASE (Secure Access Service Edge)
4. Secure Development Practices
5. Compliance

Conclusion: A multi-layered approach with tools, secure design, and compliance is key to robust software protection.



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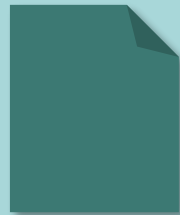


Objectives



Topics

TOPICS



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Expert opinion

- i. Shift Left Security
- ii. Automated Testing Tools
- iii. Zero Trust Architecture
- iv. Secure Coding Standards
- v. Continuous Monitoring

Key Recommendation: Combine proactive practices, secure design, and advanced tools for comprehensive protection.



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Reference Page

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- iii. <https://www.gartner.com/en/document>
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- v. https://www.ft.com/contenthttps://www.lifewire.com/crowdstrike-highlights-the-dangers-of-security-software-8681302?utm_source=chatgpt.com



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Personalize



Settings



Shut down



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Are you sure you want to
end the presentation?

Yes

No



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THANK YOU FOR LISTENING!



Shutting down...