

# IT Security Internship Assignment Questions

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1. Explain the key components of an effective IT security policy. Draft a basic IT security policy for a small organization.
2. How would you identify and assess security risks in an organization's IT infrastructure? Provide a brief example.
3. List and explain three risk mitigation strategies that can be implemented to protect organizational data.
4. Describe the steps you would take if you detected a potential security breach in the organization.
5. What are the top 3 emerging cybersecurity threats in 2025, and how should an organization prepare for them?
6. How would you use Microsoft Intune to enforce security policies on employee devices?
7. What security features in Microsoft 365 can help protect sensitive business data? Provide examples.
8. Outline a plan for conducting a basic security audit for a mid-sized company.
9. What tools would you use to perform a vulnerability assessment, and what key factors would you report on?
10. What is an IDS (Intrusion Detection System)? How is it different from an IPS (Intrusion Prevention System)?
11. Describe how firewalls contribute to IT security. What are the common firewall rules you would configure?
12. Compare two security software solutions and recommend one for an organization. Justify your choice.
13. Design a short security awareness training module outline for employees. What topics will you cover?
14. Give an example of how you would collaborate with the IT or HR department to ensure security compliance.
15. Create a basic incident report template that could be used when a security event occurs.