Implementing an IT Security Policy (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 07

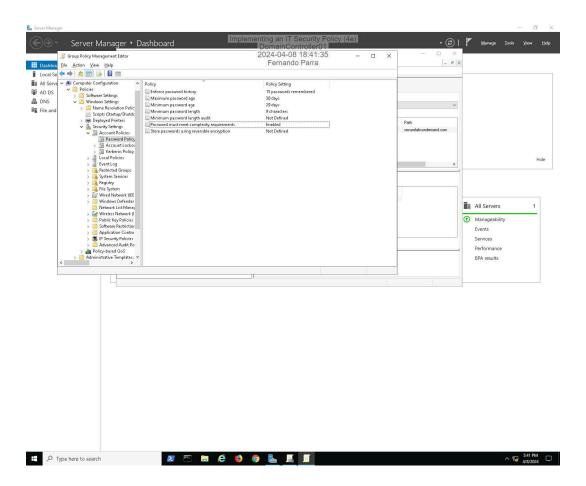
Student:	Email:
Fernando Parra	fparra1@msudenve.edu
Time on Task:	Progress:
4 hours, 54 minutes	100%
4 hours, 54 minutes	100%

Report Generated: Monday, April 8, 2024 at 10:52 PM

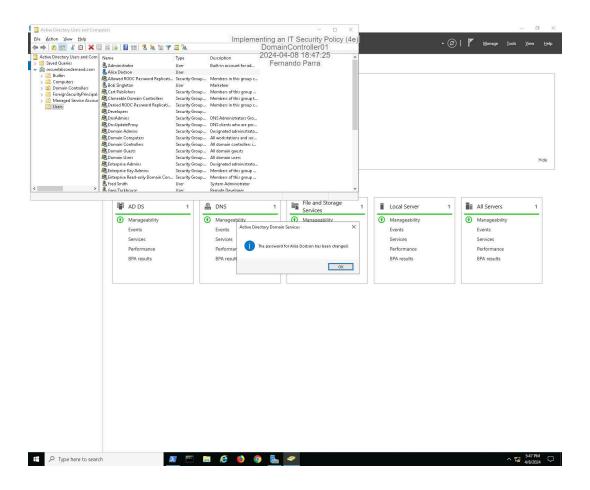
Section 1: Hands-On Demonstration

Part 1: Implement a Password Protection Policy

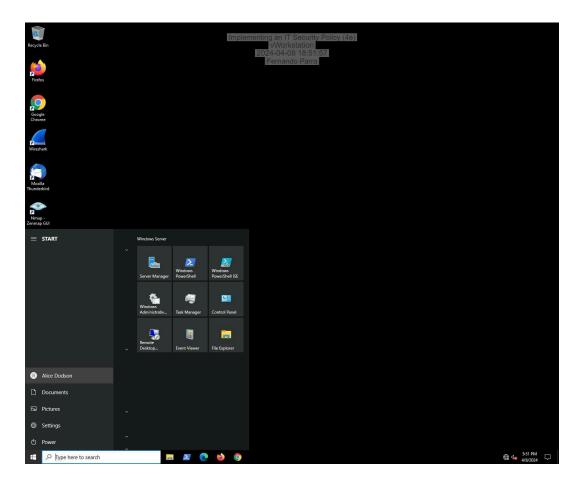
16. Make a screen capture showing the newly configured Domain Password Policy settings.



28. Make a screen capture showing the successful password change message.

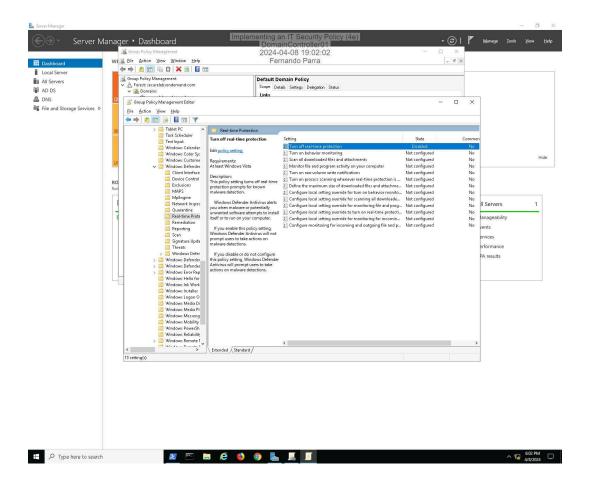


36. Make a screen capture showing the logged on user account.

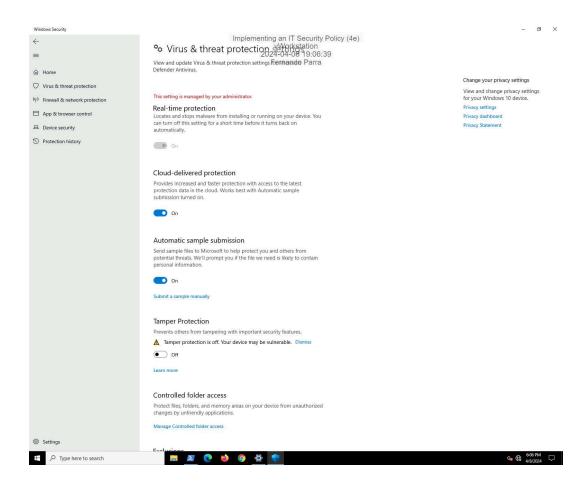


Part 2: Implement an Antivirus Policy

16. Make a screen capture showing the newly configured Domain Real-time protection Policy settings.



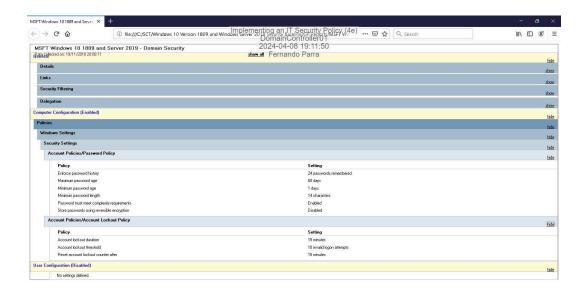
25. Make a screen capture showing the grayed-out real-time threat protection settings.



Section 2: Applied Learning

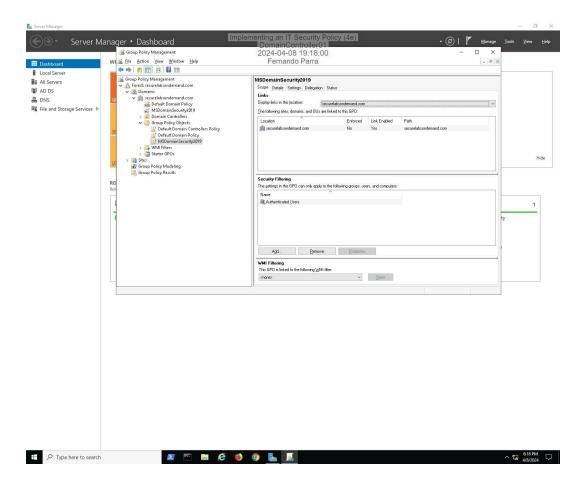
Part 1: Apply a Windows Security Baseline

6. Make a screen capture showing Microsoft's recommended Password and Account Lockout policy settings.





19. Make a screen capture showing the linked MSDomainSecurity2019 object.



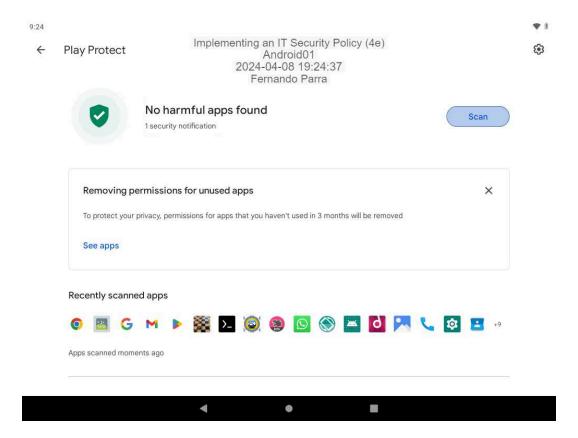
23. Make a screen capture showing the Password and Account Lockout policy settings.



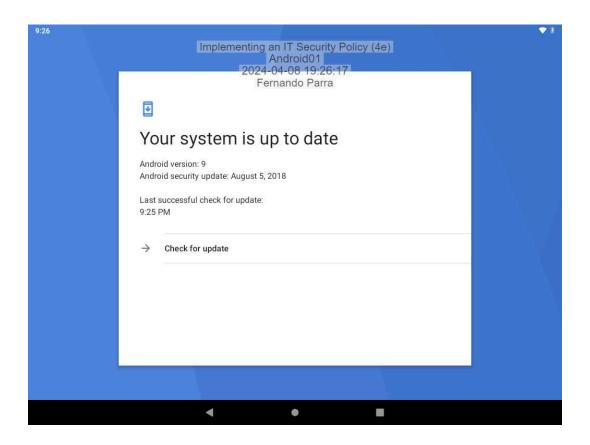


Part 2: Implement a Mobile Device Security Policy

7. Make a screen capture showing the results of the Google Play Protect scan.



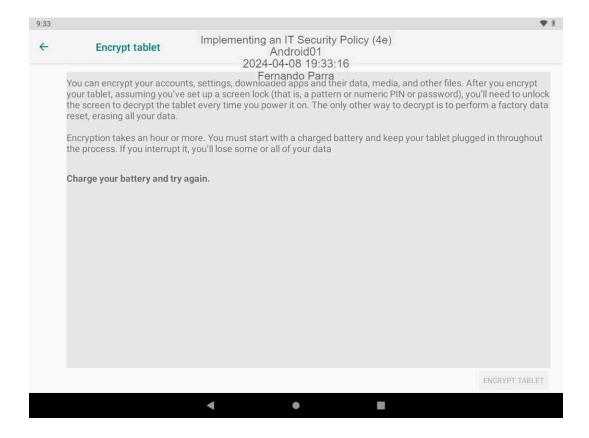
11. Make a screen capture showing the updated "last successful check for update" timestamp.



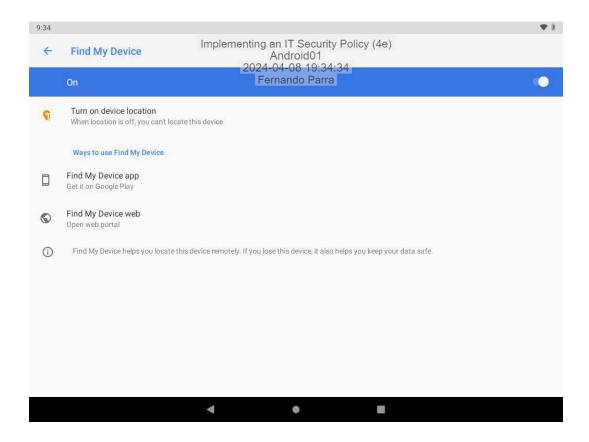
19. Make a screen capture showing the Android lock screen.



25. Make a screen capture showing the encryption set-up explanation.



27. Make a screen capture showing the Find My Device settings.



Section 3: Challenge and Analysis

Part 1: Research Acceptable Use Policies

Using the Internet, **research** Acceptable Use Policies, then **identify** at least five common policy statements and **explain** their significance. Be sure to cite your sources.

Passwords: passwords cannot be easily guessed, passwords must be complex, consisting of at least 12 characters, including a mix of uppercase and lowercase letters, numbers, and special characters. Users are restricted from employing easily guessed information such as personal names, birthdates, or common words. In addition, users also have to change their passwords every 30-90 days, preferably within 30 days. Failure to comply with the following requirements may result in an account breach and compromise confidential data.

Privacy and Confidentiality: users should handle information, such as employee data or trade secrets of Secure Labs On Demand confidential. This covers how users can access, store, and transmit sensitive information as well as the importance of keeping their personal information secure and not sharing it with unauthorized individuals. Failure to protect confidential information can lead the company to reputational damage, legal action, and financial losses.

Illegal Activities: the prohibition of unlawful activities forbids users from engaging in any action that is deemed unlawful, such as hacking, distributing malware, spam, phishing, viruses, worms, copyright infringement, etc. This protects Secure Labs On Demand from risk, safeguards data, and maintains the security and integrity of the network ensuring a safe environment for all users of Secure Labs On Demand.

Intellectual Property: This specifies users' relation with the intellectual property rights of Secure Labs On Demand and prohibits the use of copyrighted material, trademarks, or trade secrets without permission. Unauthorized use of copyrighted materials can result in legal action and financial consequences for both the user and Secure Labs On Demand, it also ensures that Secure Labs On Demand and individuals are fairly compensated for their work.

Software: Using approved software to ensure the security and integrity of our digital environment is enforced, unauthorized or unapproved software can present vulnerabilities and raise the risk of malware infections, data breaches, and system malfunctions hence users are prohibited from installing unapproved software without prior authorization. Adhering to approved software protects Secure Labs On Demand data, reduces security vulnerabilities, and ensures that all software is up-to-date with the latest security patches and features.

References

https://www.utc.edu/information-technology/information-security/acceptable-use-policy https://www.ndu.edu/Portals/59/Documents/Incoming/AY24/NDU%20Acceptable%20Use%20Policy% 20(AUP).pdf?ver=2K9ZhQRQNb1jZtHd5W5afQ%3D%3D

https://nvlpubs.nist.gov/nistpubs/SpecialPublications/NIST.SP.800-47r1.pdf

https://www.comptia.org/blog/security-awareness-training-corporate-acceptable-use-policy

Part 2: Research Privacy Policies

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Using the Internet, **research** user Privacy Policies, then **identify** at least five common policy statements and **explain** their significance. Be sure to cite your sources.

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Sharing and Disclosure of Data: Secure Labs On Demand does not sell, rent, or lease personal information to third parties without consent, except as required by law. Secure Labs On Demand may share personal information with affiliates or partners to provide jointly offered services or to complete transactions initiated by the user.

Security and Protection of Data: Secure Labs On Demand implements physical, digital, and administrative measures to protect and secure the personal information collected. Access to personal data is restricted to authorized personnel only, and security policies and procedures to ensure they are up-to-date and effective are implemented through professional third-party auditing services.

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References

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