

Implementing an IT Security Policy (4e)

Fundamentals of Information Systems Security, Fourth Edition - Lab 07

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Time on Task:

6 hours, 54 minutes

Progress:

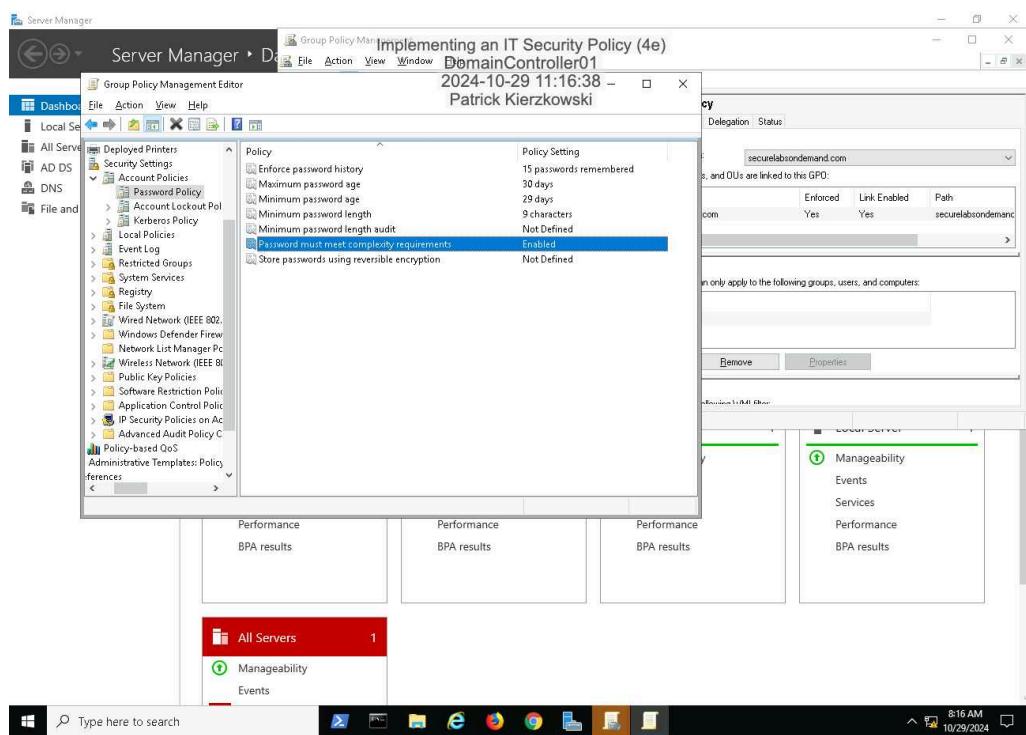
100%

Report Generated: Monday, July 7, 2025 at 9:50 PM

Section 1: Hands-On Demonstration

Part 1: Implement a Password Protection Policy

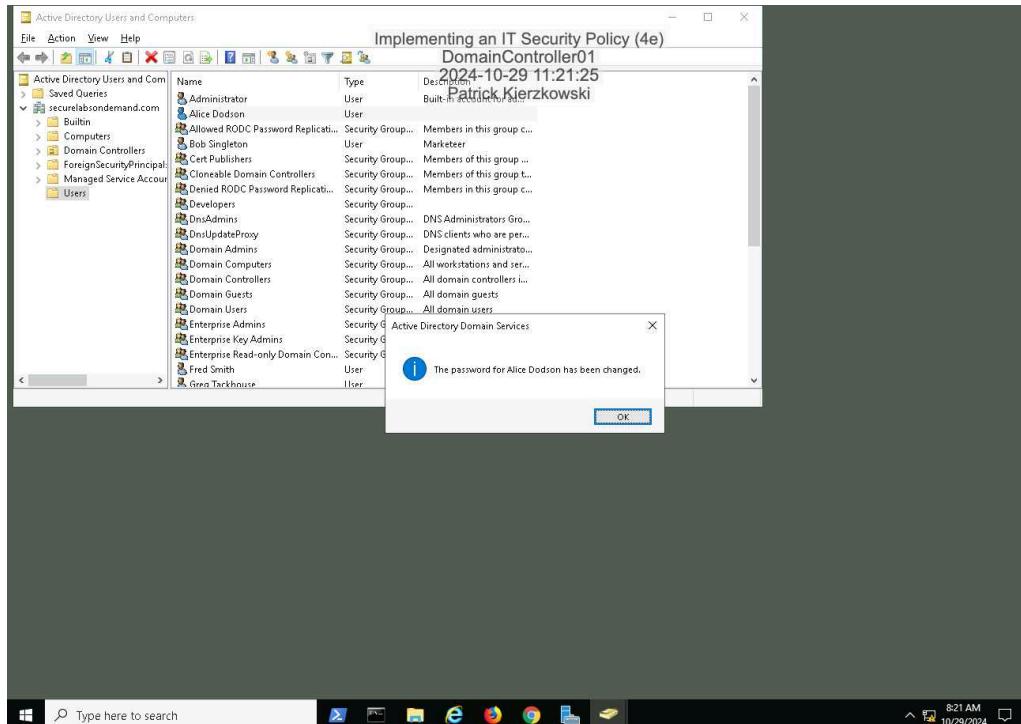
16. Make a screen capture showing the newly configured Domain Password Policy settings.



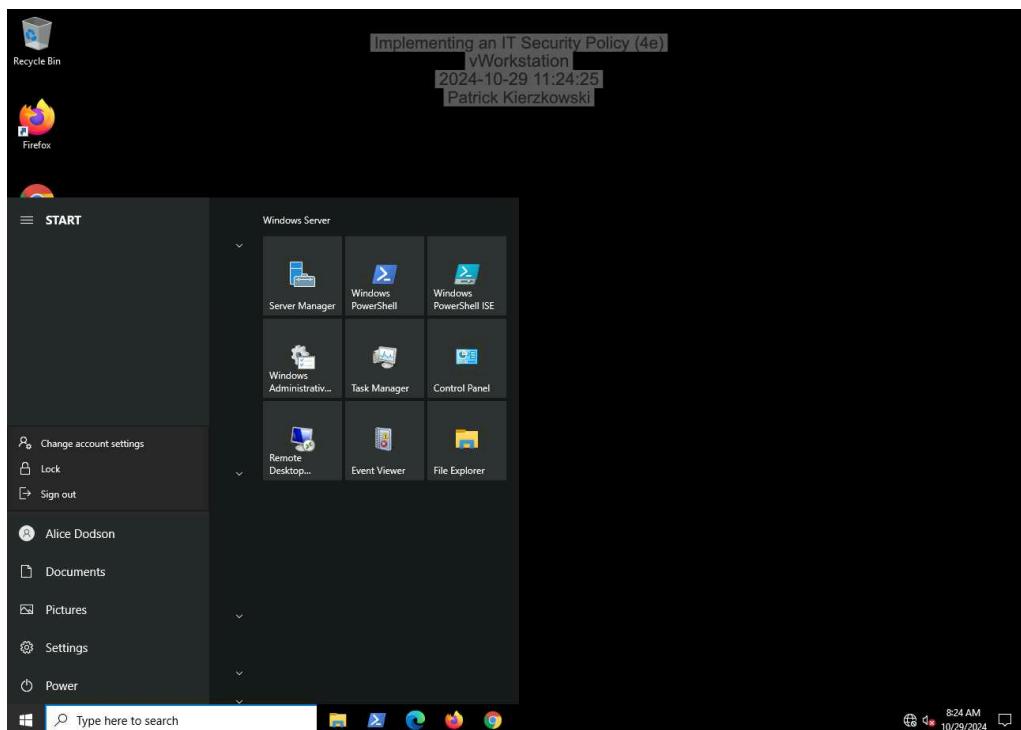
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28. Make a screen capture showing the successful password change message.



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

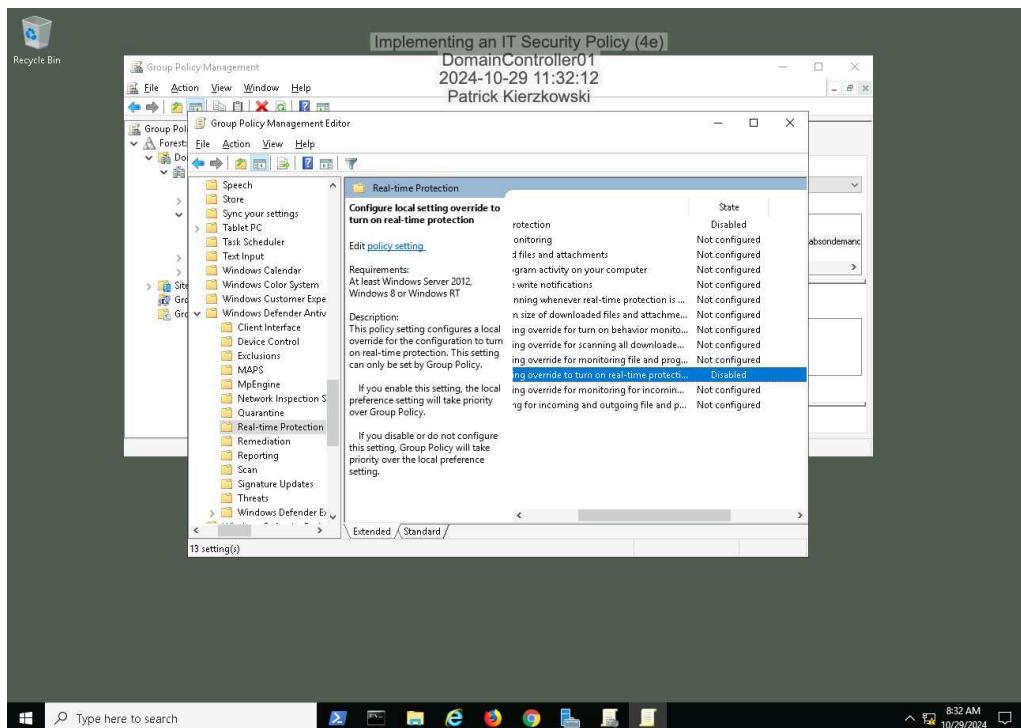


Part 2: Implement an Antivirus Policy

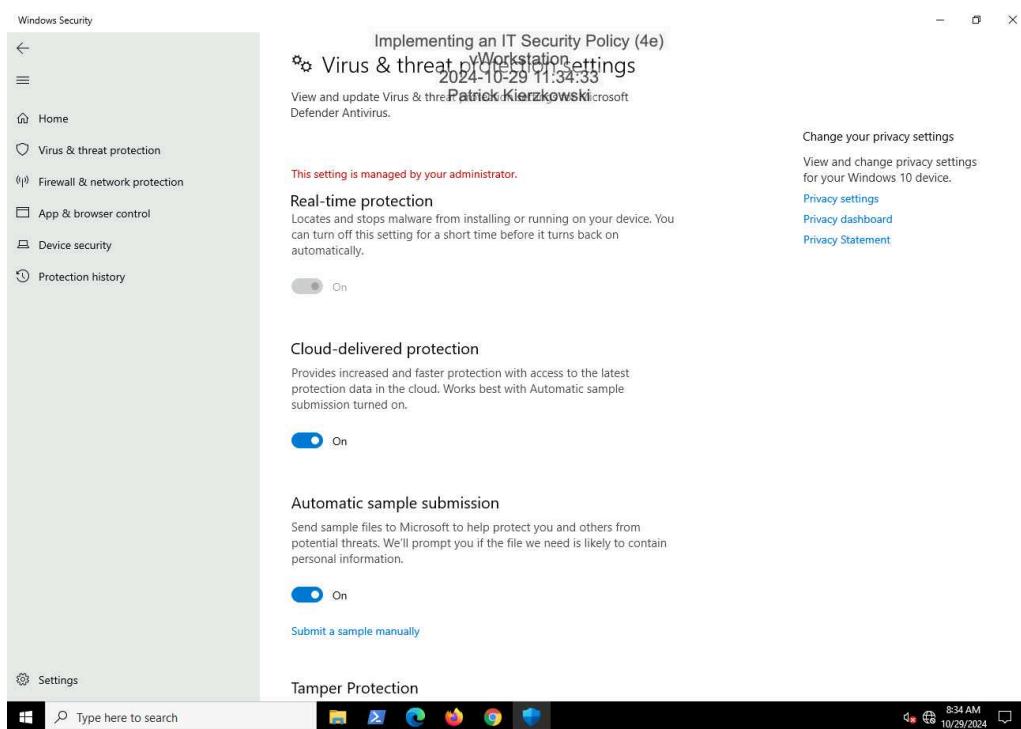
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16. Make a screen capture showing the newly configured Domain Real-time protection Policy settings.



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



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Section 2: Applied Learning

Part 1: Apply a Windows Security Baseline

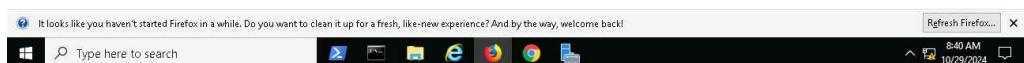
6. Make a screen capture showing Microsoft's recommended Password and Account Lockout policy settings.

The screenshot shows the Microsoft Management Console (MMC) interface for a Windows 10 1809 and Server 2019 system. The title bar reads "MSFT Windows 10 1809 and Server 2019 - Domain Security". The main pane displays the "Account Policies/Password Policy" section under the "Policies" category. It lists several password-related policies with their current settings:

Policy	Setting
Enforce password history	24 passwords remembered
Maximum password age	60 days
Minimum password age	1 days
Minimum password length	14 characters
Password must meet complexity requirements	Enabled
Store passwords using reversible encryption	Disabled

Below this, the "Account Policies/Account Lockout Policy" section is shown, containing the following settings:

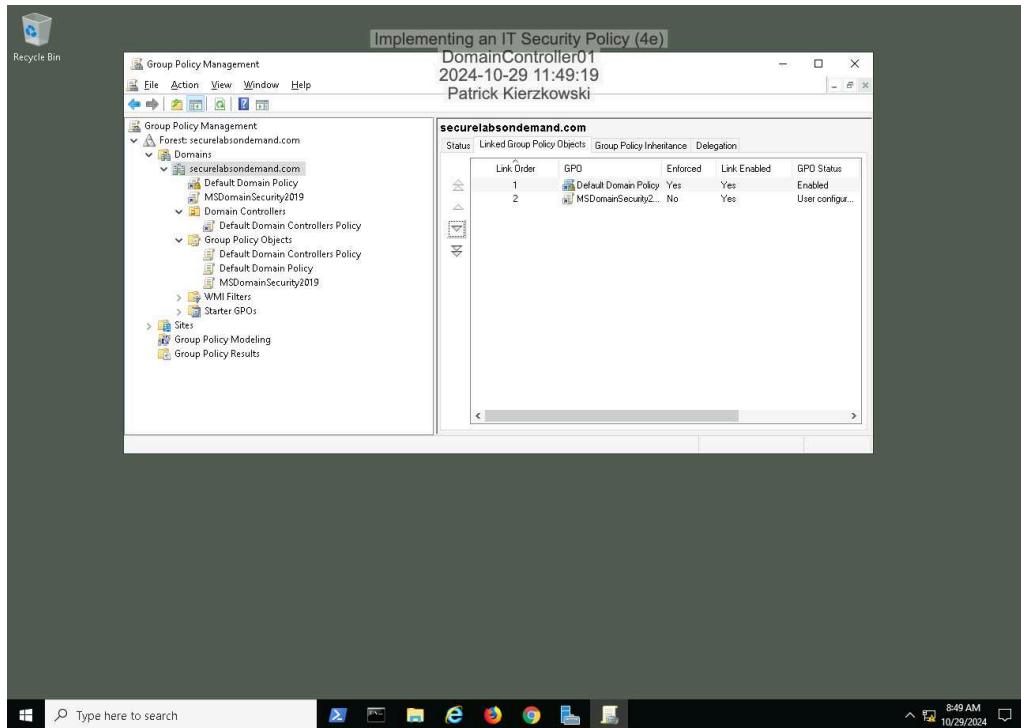
Policy	Setting
Account lockout duration	15 minutes
Account lockout threshold	10 invalid logon attempts
Reset account lockout counter after	15 minutes



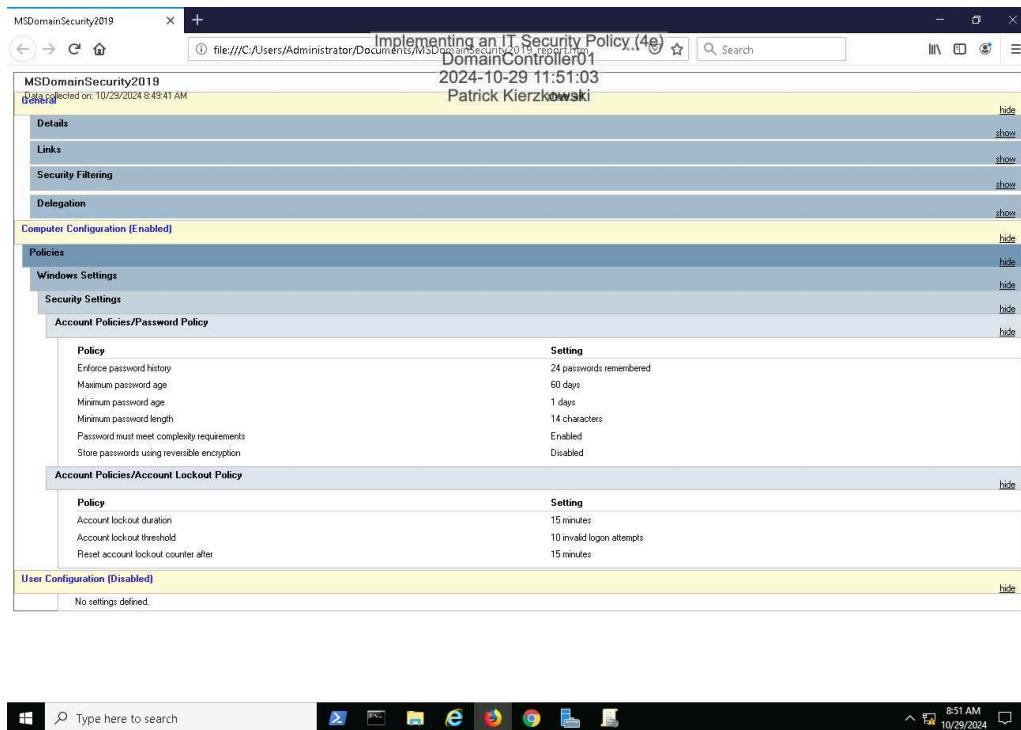
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19. Make a screen capture showing the linked MSDomainSecurity2019 object.



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

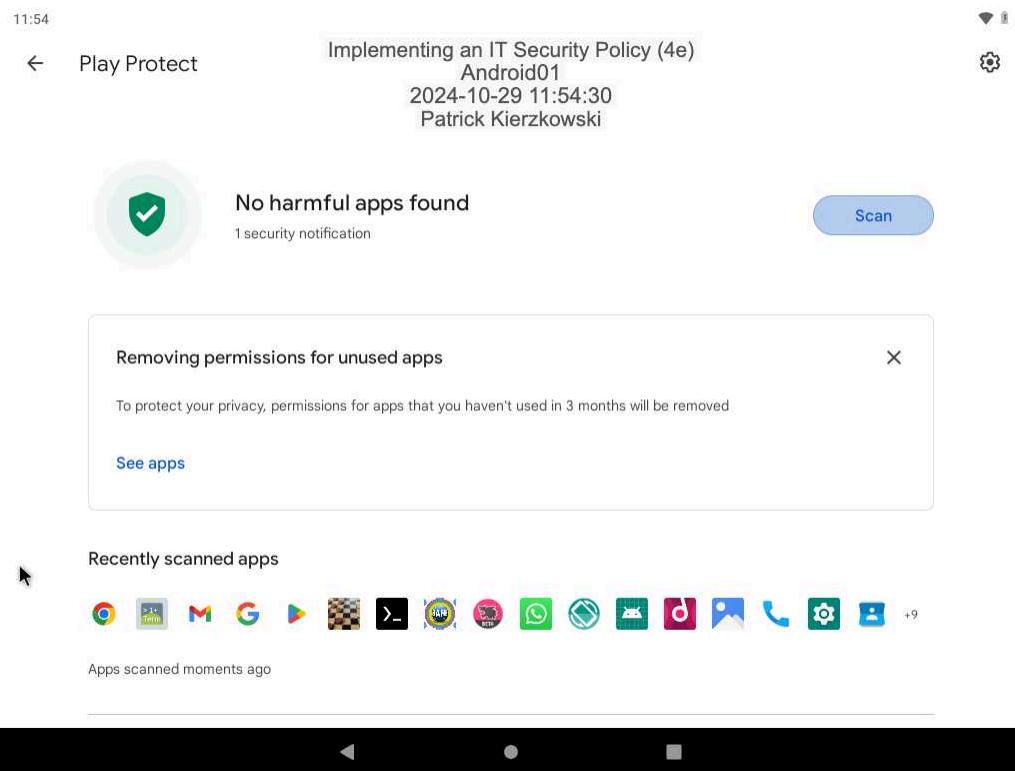


Part 2: Implement a Mobile Device Security Policy

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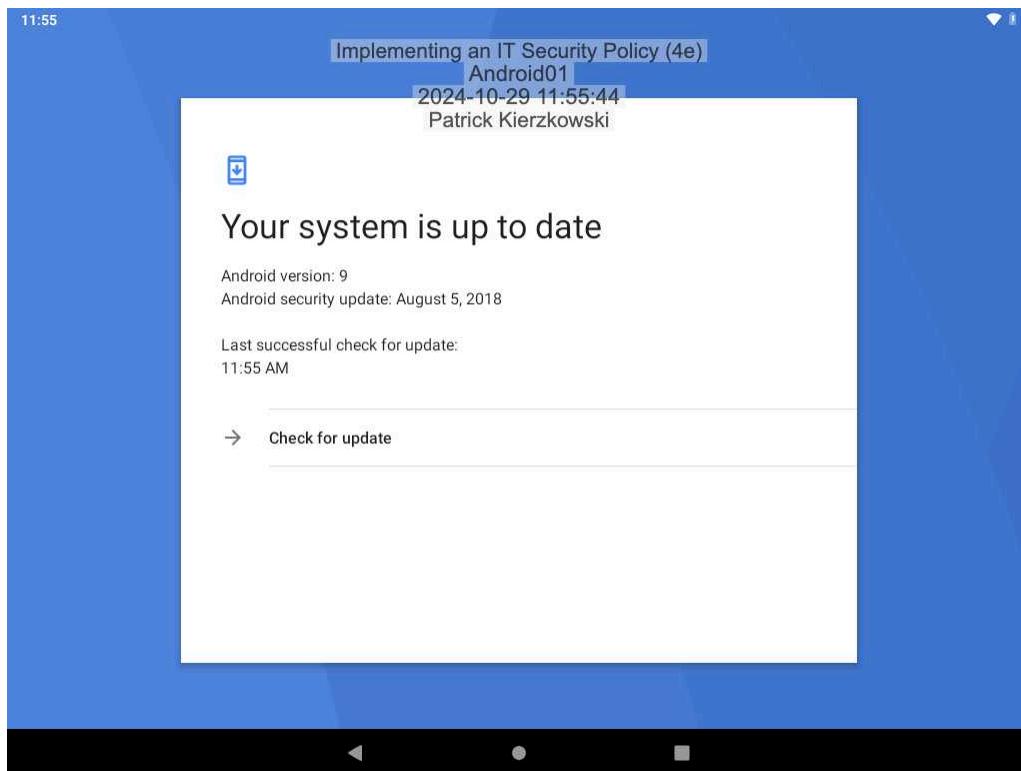
7. Make a screen capture showing the results of the Google Play Protect scan.



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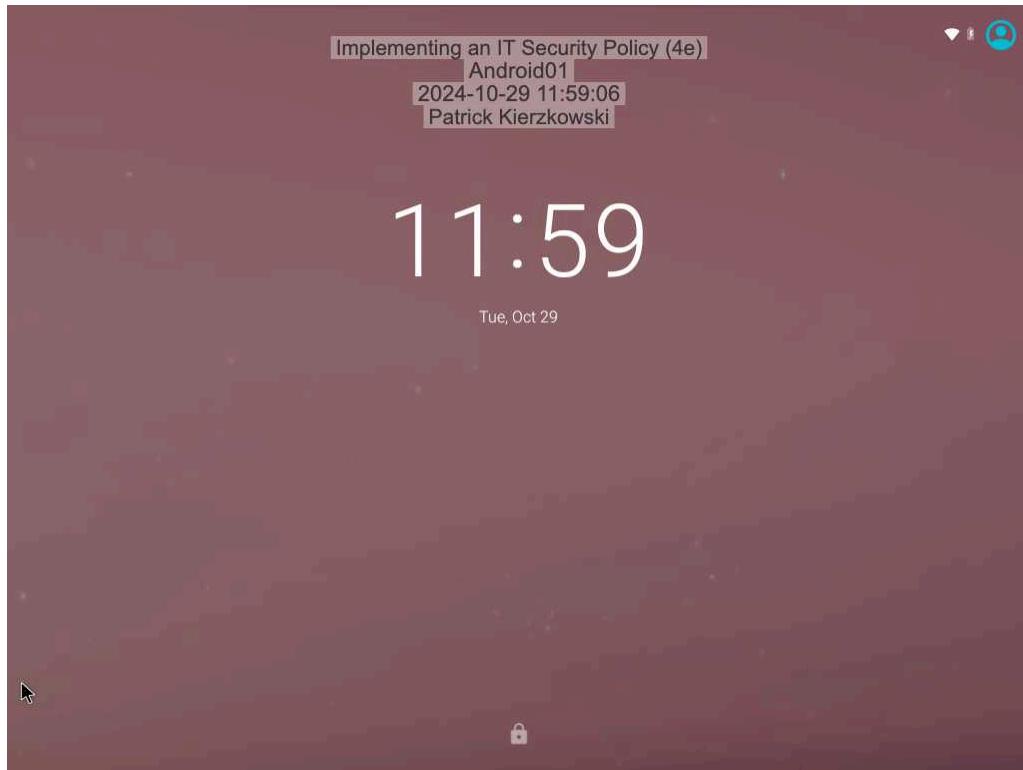
11. Make a screen capture showing the updated “last successful check for update” timestamp.



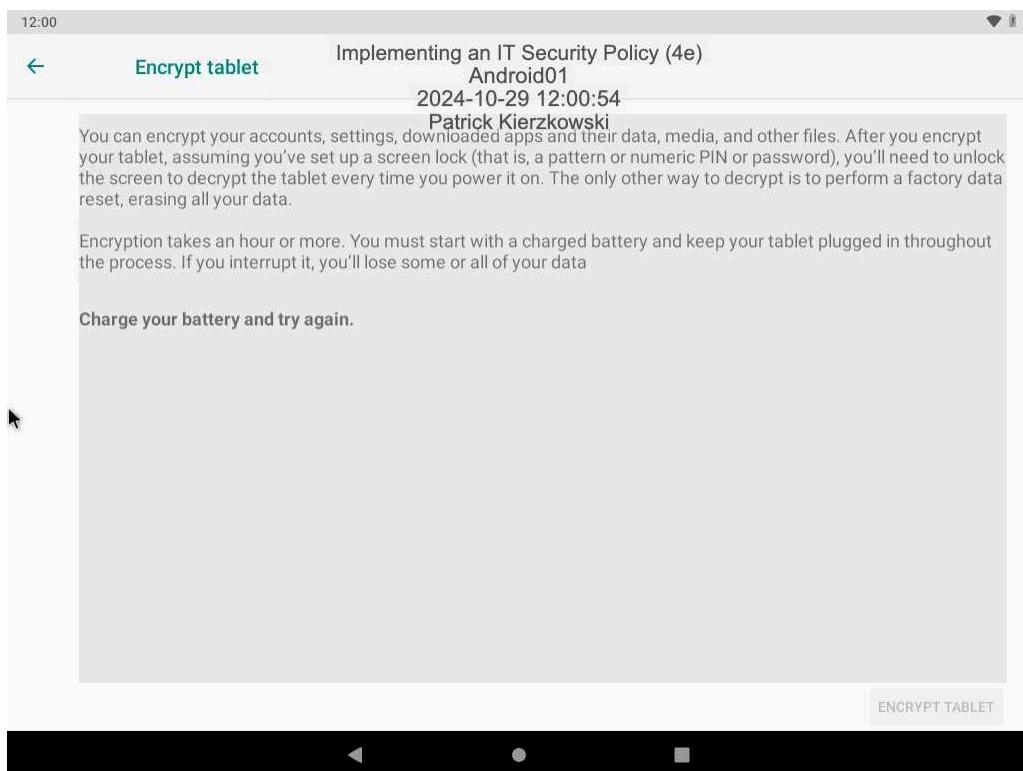
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19. Make a screen capture showing the **Android lock screen**.



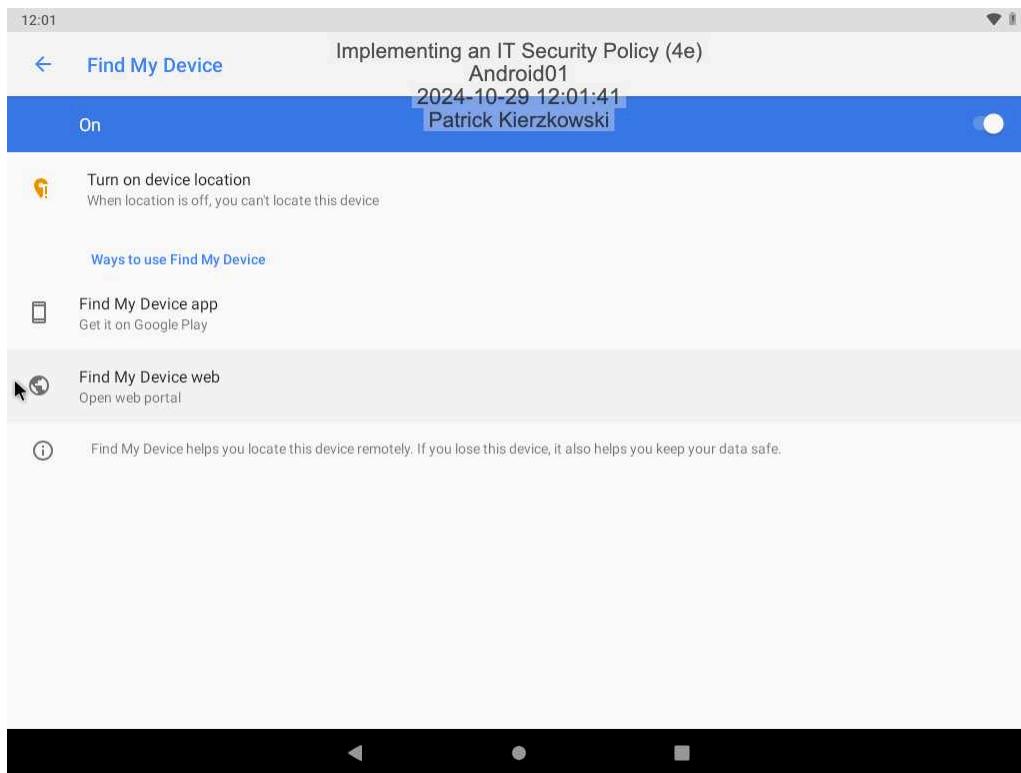
25. Make a screen capture showing the **encryption set-up explanation**.



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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.

The acceptable use policy is a written agreement that specifies rules and guidelines that a user must follow in order to use a company network, the internet, or other resources. Before being given a network ID, staff members and students must sign an AUP at many companies and educational institutions (Kirvan, 2022). One common policy statement is that in the writing, it should be well-written and free of technical terms and unclear legal terms (Kirvan, 2022). This means that all communication should be clear, so everyone is on the same page on what is allowed and what isn't. Another policy would be to organize training sessions that highlight the guidelines included in an AUP (Kirvan, 2022). This would test the current employees' understanding and grasp of knowledge on their responsibilities. The next policy would be to make sure that the AUP language is reviewed and updated on a regular basis, particularly during audits or significant changes in business operations like the introduction of a new product or a merger (Kirvan, 2022). This would ensure that the AUP is aligned with the company's current operations, preventing future loopholes that could be made, such as in a legal matter. Another policy is that using recurring questionnaires, assess staff members' awareness, comprehension, and knowledge of an AUP (Kirvan, 2022). This would mean constant testing so they could see what employees know, and what needs to be taught more, eliminating future internal threats that those employees could make, due to ignorance. The last policy is to make sure the AUP appropriately handles issues, collaborate with the company's legal department (Kirvan, 2022). This would ensure that the AUP is enforceable and covers all potential legal issues. Having as little legal liabilities is the goal.

Paul Kirvan. (2022, June). *What is an acceptable use policy (AUP)?* <https://www.techtarget.com/whatis/definition/acceptable-use-policy-AUP>

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.

Most data privacy laws require a privacy policy, which is a legal document that describes how you handle the personal information of your users or customers. This covers the procedures for gathering, storing, using, sharing, and safeguarding personal information as well as the rights that users have regarding their data (Usercentrics, 2023). One common policy statement in this policy is types of data you collect, such as name, e-mail address, birthdate, can sometimes be mandated to tell you what information is collected (Tripwire, 2018). The next policy is saying how the Data Is Used (Including Cookies). This means that the company should make it clear to clients why they are providing you their information by outlining how you use the data you gather (Tripwire, 2018). The next policy is storage and security policies. This essentially informs users if your business keeps their data and, if so, what security precautions you've taken to protect it (Tripwire, 2018). Ensuring safety and trust is critical to keep clients happy and reassured. Another policy would be giving Opt-Out Procedures & Company Contact Info. The FTC mandates that opt-out options be included in every email sent by businesses that run commercial email marketing campaigns. In order to give customers control over their information, your privacy statement should also include an opt-out policy. Customers will have more faith in your ability to act in their best interests when it comes to marketing to them or gathering their data if you make it easy for them to access your opt-out procedure (Tripwire, 2018). Finally, the company should indicate the effective date. This allows users to see how up to date your policies are (Tripwire, 2018).

Usercentrics. (2023, November). *What is a privacy policy and why do you need one?*

<https://usercentrics.com/knowledge-hub/what-is-a-privacy-policy-and-why-do-you-need-one/>

Tripwire. (2018, December). *5 Key Components Every Company Should Have in Their Privacy Policy.*

<https://www.tripwire.com/state-of-security/key-components-privacy-policy>