

TASK #2

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on 8/16/2024

Implementing Multi-Factor Authentication

(Increasing Security by Adding an Extra Layer of Protection)

Introduction

Objective:

- * Increase account security by implementing MFA.

Importance:

- * Briefly explain why MFA is essential.

What is Multi-Factor Authentication (MFA)?

Definition:

- * MFA requires multiple verification factors to gain access.

Components:

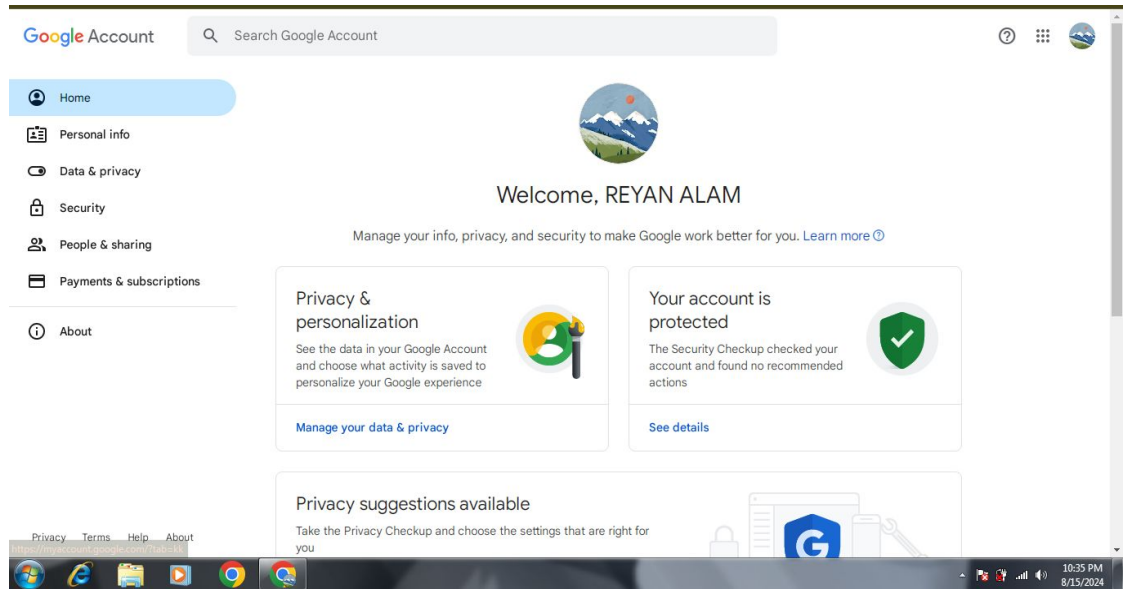
- *List and describe the factors (password, smartphone, biometrics).

Key Benefits of MFA

- Enhanced Security: Reduces unauthorized access risks.
- Protection Against Phishing: Safeguards accounts even if passwords are compromised.
- User Trust: Builds trust by ensuring robust security.

Steps to integrate MFA.

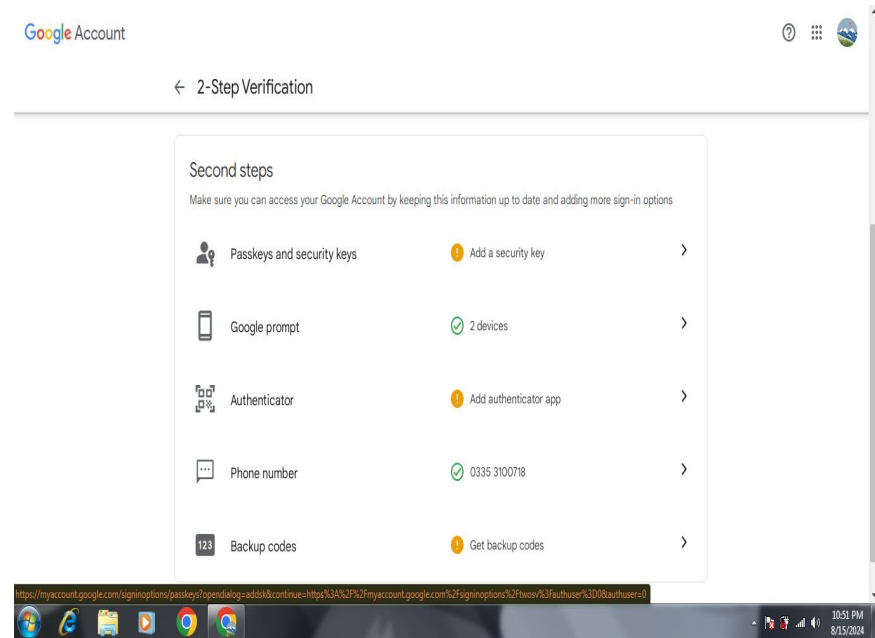
1. OPEN YOUR GOOGLE ACCOUNT MANAGER



NEXT

2.OPEN GOOGLE ACCOUNT SECURITY THEN CLICK ON TWO STEP VERIFICATION.

3.THEN CLICK ON AUTHENTICATOR OPTION BELOW.



NEXT

4.THEN DOWNLOAD GOOGLE AUTHENTICATOR ON YOUR PHONE FROM PLAY STORE.

Google Account



← Authenticator app

Instead of waiting for text messages, get verification codes from an authenticator app. It works even if your phone is offline.

First, download Google Authenticator from the [Google Play Store](#) or the [iOS App Store](#).



[+ Set up authenticator](#)

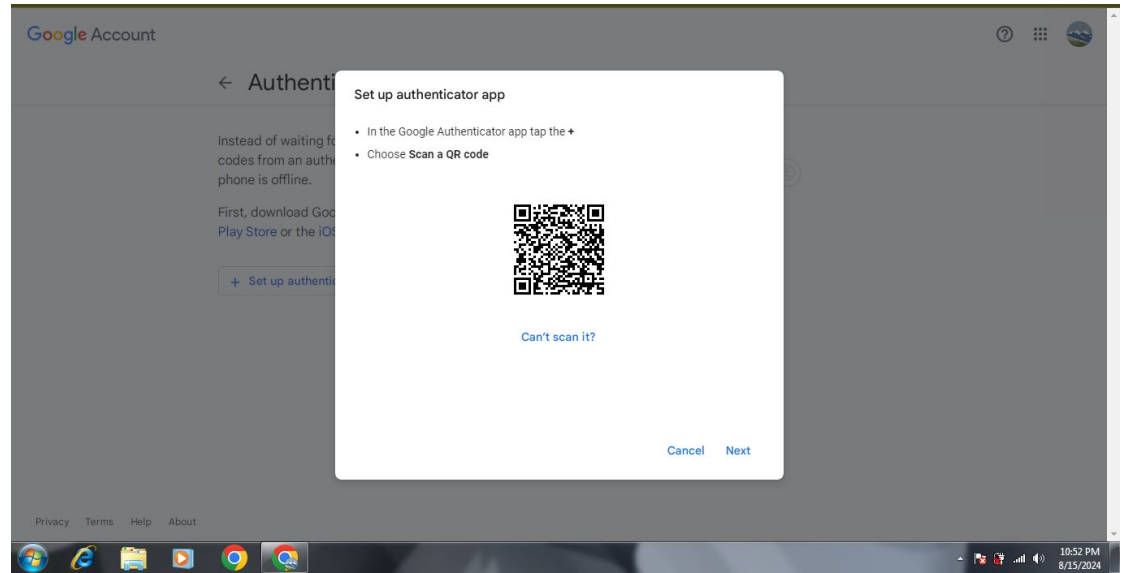
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10:52 PM
8/15/2024

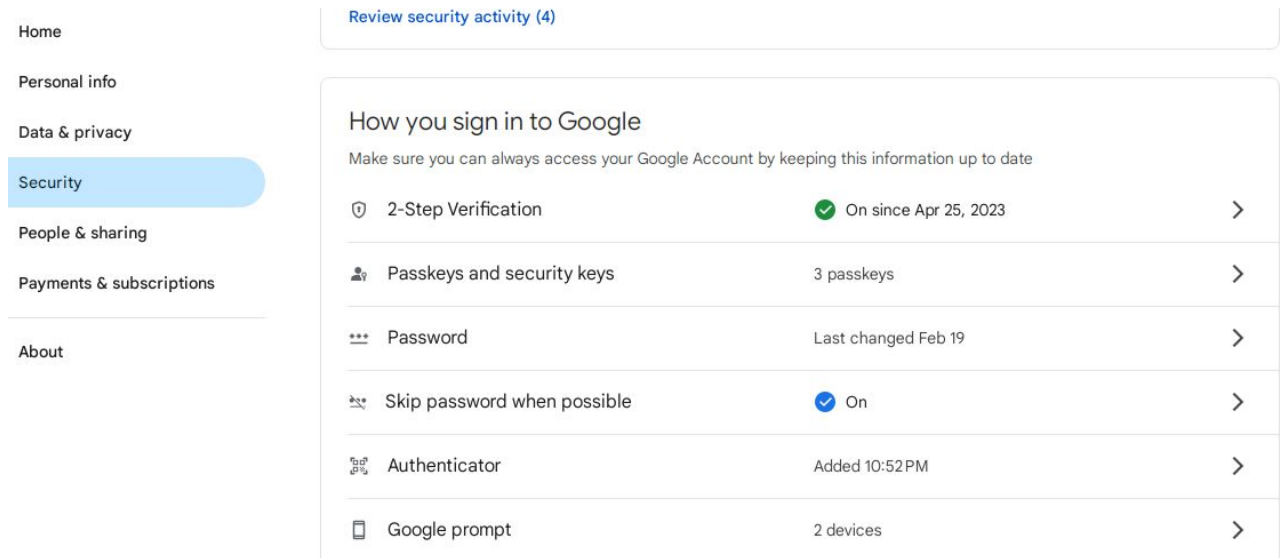
FURTHER...

5.SETUP YOUR AUTHENTICATOR BY SCANNING THE QR CODE FROM YOUR PHONE ,IT WILL SHOW YOU THE SERIES OF PASSKEYS THAT ARE CHANGING AFTER EVERY 30 SECONDS .



AND..

6. YOUR AUTHENTICATOR IS SET UP SUCCESSFULLY,



The screenshot displays the Google Account Security settings page. On the left, a navigation menu lists: Home, Personal info, Data & privacy, Security (highlighted in blue), People & sharing, Payments & subscriptions, and About. The main content area features a header 'Review security activity (4)' and a section titled 'How you sign in to Google' with the subtitle 'Make sure you can always access your Google Account by keeping this information up to date'. Below this, a list of security features is shown, each with an icon, a title, a status, and a chevron icon for more details:

Icon	Feature	Status	Action
	2-Step Verification	On since Apr 25, 2023	>
	Passkeys and security keys	3 passkeys	>
	Password	Last changed Feb 19	>
	Skip password when possible	On	>
	Authenticator	Added 10:52 PM	>
	Google prompt	2 devices	>

Maintaining MFA Configurations

Regular Updates:

- Ensure system security with patches.

Review:

- Periodically review settings.

Adaptation:

- Adjust configurations for new threats.

Conclusion - Enhancing Security with MFA

Key Takeaways:

- **Strengthened Security:** By implementing MFA, we add a critical layer of defense against unauthorized access, significantly reducing security risks.
- **User Empowerment:** Educating users on MFA not only helps them protect their accounts but also raises awareness of security best practices, fostering a more security-conscious environment.
- **Ongoing Vigilance:** The process doesn't end with implementation. Regular monitoring, updates, and user feedback are essential to maintain and improve the effectiveness of MFA.

THANK YOU !!