Enhancing Gmail Security: Implementing Two-Step Verification with Mobile OTP

Q. What is 2-step verification using mobile OTP ?

Two-step verification with mobile OTP is a security feature that requires both your password and a temporary, one-time code sent to your mobile phone via SMS for logging into your Gmail account.

Enabling two-step verification (also known as two-factor authentication):

- 1. Go to your Google Account:
 - Visit https://myaccount.google.com/.
- 2. Sign In:
 - If you're not already signed in, sign in to your Google Account.
- 3. Security Settings:
 - In the left-hand menu, select "Security".
- 4. 2-Step Verification:
 - Scroll down to the "Signing in to Google" section.
 - Click on "2-Step Verification".
- 5. Start the Setup Process:
 - Click "Get started".
- 6. Verify Your Password:
 - You'll be prompted to enter your Google Account password.
- 7. Phone Verification:
 - Enter your phone number. This is where you'll receive your verification codes.
 - Choose whether you'd like to receive codes via text message or phone call.
 - Click "Next".
- 8. Verify the Code:

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- Enter the code you receive on your phone and click "Next".
- 9. Trust the Computer:
 - You can choose to trust the computer you're using, so you won't be prompted for a code on that specific device in the future (optional but recommended for personal devices).
- 10. Turn On 2-Step Verification:
 - Click "Turn On".
- 11. Backup Codes (Optional):
 - Google will give you the option to download backup codes. These are useful if you can't access your phone.
 - Keep these codes safe and don't share them with anyone.
- 12. Confirmation:
 - You'll receive a confirmation that 2-Step Verification is turned on.

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