

Design and development of a secure internal communication system using end-to-end encryption.

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Abstract: This topic focuses on designing and developing a secure internal communication system to meet information security requirements within organizations. Through a combination of theoretical research and experimentation, the topic will apply an end-to-end encryption mechanism to enhance data protection levels. The project aims to build an effective and flexible solution, contributing to improving the ability to respond to cybersecurity threats in an organization's internal environment. Expected outcomes from the topic include providing IT professionals with tools to deploy a robust secure communication system, while promoting understanding of the importance of end-to-end encryption in practical applications.

Keywords: Information security, End-to-end encryption, Internal communication system