

ABSTRACT

Analysis of Comparative Methods on Mail Gateway Platforms for Handling Cyber Crime in the Form of Spam

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Email is electronic mail that is used to send messages to fellow users, this application is a necessity for everyone at work, school and university. Starting from receiving and sending messages on this email application, users are free to send anything such as personal data from users. This can trigger cybercrime, where unknown senders send suspicious emails to recipients. Cyber crimes such as viruses, malware, phishing and spamming can occur among email users. Mail gateway is used to filter any data that will enter the mail server, but it will be determined through a different platform. This research will discuss the comparison between the two different platforms by conducting a Strengths, Weaknesses, Opportunities, Threats (SWOT) analysis and using data observation techniques to find the essence in the form of security level percentages, ease of use, flexibility, feature availability, costs, service support. each application, and application performance. The results of this research will be determined from a comparison of these two platforms, then conclude that this platform will be more accurate to use in email protection applications.

Keywords: cyber analysis, observation methods, spam, viruses, mail gateway, SWOT