

TINJAUAN KEAMANAN SIMPUS BERDASARKAN ASPEK *CONFIDENTIALITY, INTEGRITY, DAN AVAILABILITY* DI PUSKESMAS GAMPING 1

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INTISARI

Latar Belakang: keamanan informasi adalah melindungi informasi yang ada pada sistem informasi dari orang yang tidak memiliki hak akses atau hak untuk melakukan modifikasi terhadap informasi tersebut baik dari sisi penyimpanan, waktu proses ataupun saat informasi transit di suatu tempat. Hal ini membuka kesempatan puskesmas untuk mengembangkan keamanan sistem informasi. Maka dari itu diperlukanya tinjauan keamanan Simpus .

Tujuan Penelitian: Penelitian ini bertujuan untuk mengetahui bagaimana keamanan Simpus di Puskesmas Gamping 1.

Metode Penelitian: Penelitian ini menggunakan metode penelitian deskriptif dengan pendekatan kualitatif. Data dikumpulkan dengan wawancara mendalam kepada petugas yang ada di Puskesmas Gamping 1.

Hasil Penelitian: keamanan SIMPUS di tinjau berdasarkan aspek *confidentiality* dimana saat login mereka mempunyai password masing-masing sehingga tidak sembarang orang bisa login. keamanan SIMPUS di tinjau berdasarkan aspek *integrity* (integritas atau keutuhan) di puskesmas Gamping 1 masih dapat diganti atau di coret oleh yang mengisi data, sedangkan untuk *back up* data bisa dilakukan kapan saja dan setiap saat. keamanan SIMPUS di tinjau berdasarkan aspek *availability* kalau ada data double dihapus satu yang baru, tapi bukan langsung dihapus ya nanti yang baru nanti di pindah ke yang lama nanti yang lama di daftarkan lagi. Sedangkan untuk system keaman data menggunakan antivirus.

Kesimpulan: masih adanya kelemahan pada aspek *integrity* dimana data SIMPUS di Puskesmas Gamping 1 masih bisa di hapus atau bisa di ubah sehingga data tidak dapat dijamin keakuratanya.

Kata Kunci: Keamanan Simpus, *Confidentiality, Integrity, Availability*

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SIMPUS SECURITY REVIEW BASED ON CONFIDENTIALITY, INTEGRITY, AND AVAILABILITY ASPECTS AT GAMPING 1 PRIMARY HEALTH CENTER

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ABSTRACT

Background: information security is protecting the information contained in the information system from people who do not have access rights or the right to make modifications to the information either in terms of storage, processing time or when the information transits somewhere. This opens the opportunity for puskesmas to develop information system security. Therefore, the Simpus safety review is needed.

Objective : This study aims to determine how the safety of Simpus in Gamping 1 Health Center.

Research Methode: This study uses a descriptive research method with a qualitative approach. Data were collected by in-depth interviews with officers at the Gamping 1 Health Center.

Results : SIMPUS security is reviewed based on the confidentiality aspect where when they log in they have their own passwords so that not just anyone can log in. SIMPUS security is reviewed based on the integrity aspect (integrity or integrity) at the Gamping 1 puskesmas can still be replaced or crossed by the person filling in the data, while backing up data can be done anytime and at any time. SIMPUS security is reviewed based on the availability aspect, when there is double data deleted, one new one, but not immediately deleted, then the new one will be moved to the old one later the old one is registered again. As for the data security system using antivirus.

Conclusion: there are still weaknesses in the aspect of integrity where the SIMPUS data at Gamping 1 Health Center can still be deleted or can be changed so that the accuracy of the data cannot be guaranteed.

Keywords: Simpus Security, Confidentiality, Integrity, Availability

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