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Abstract. The purpose of this study is to measure the comparative success rate methods of signature-based anomaly based on enterprise computer network attack detected. The application of information technology in many fields often cause the occurrence of attacks and threats that lead to data loss, the crippled system, and destruction of the system. To address these threats required the presence of early detection against any threats that occur at the enterprise computer network system. Early detection function to minimize and prevent the loss of the more extensive system. Methods used in the detection of the threat that is signature based and anomaly-based method. Both methods are used for detection of any threats to the network system, then that method will be between the two measured how many threats can be detected by both methods, and measure the level of success detection. The results obtained in this study, Method of Anomaly Based successfully detect 89.66% attack, while the method Signature based successfully detected 91.87% attack. If the results of the great early attack detection, then the security level of the network are also great and can reduce the risk posed by a threat.

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<http://dp3m.unikom.ac.id/penelitian/view/measuring-detection-of.328.html>