

عنوان مقاله:

Improving security performance in cloud computing using data classification as a decision tree method

محل انتشار:

ششمین کنفرانس ملی پژوهش های کاربردی در مهندسی کامپیوتر و فناوری اطلاعات (سال: 1398)

تعداد صفحات اصل مقاله: 5

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خلاصه مقاله:

Distributed computing is known as the up and coming age of big business IT design. Information security in distributed computing is one of the most significant issues forestalling the execution of distributed computing. Utilizing conventional information encryption techniques that encodes all information with a fixed plan takes a great deal of time. In this examination, security and reaction time are considered as one of the significant issues in information stockpiling in distributed computing, so the choice tree for the characterization work has been utilized. In the proposed strategy, cloud information is ordered into three gatherings with no noteworthy, medium, and significance, and dependent on these, three diverse encryption techniques are utilized: Transposition Encryption, DES, and RSA for every one of these classes. The outcomes show that the utilization of information arrangement, notwithstanding ensuring information security as far as their significance, can lessen cloud reaction time and vitality utilization in distributed computing.

کلمات کلیدی:

Cloud computing, Energy consumption, DES, RSA, Data categorization, Decision Tree

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