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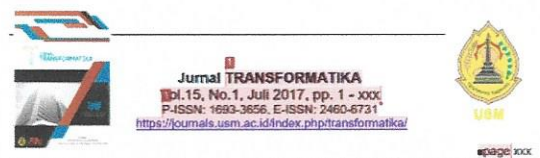
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Distributed MD5 Brute Force Using Message Passing Interface (MPI) on ARM Architecture

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ABSTRACT (ISI PT)

Over the years, there has been a computing paradigm shift towards smart devices. However, the security aspect of this type of device is questionable. In this research, the writer provides a design, implementation, and testing of a distributed MD5 brute-force attack method. Testing is performed using two systems. The first system is an ARM Cluster consisting of four single-board computers. The second system is a conventional server with two Xeon processor. From this research, the writer wants to answer the question of

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