

## Research on an Agile Protocol for E-Commerce Security

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### ABSTRACT

A kind of barriers to restrict E-Commerce development is the problem of information security. Though some organizations and scholars put forward some security protocols, such as SSL, SET, and Netbill and so on, after research, it is not hard to find that these protocols are too simple or complicated, not secure and integrate enough and lower efficiency. This paper brings up a new security protocol. It uses object-oriented idea and advanced database technology, researches through security system architecture, agile mechanism, object model and protocol specification etc. we have solved the problem of security and agile property. It meets with application requirements of modern E-Commerce.

**Keywords:** E-Commerce, Information Security, Protocol, Agile Mechanism, E-P Transaction Model.