An E-Retailing System Architecture Based on Cloud Computing

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Abstract : E-retailing is the sale of goods online that takes place over the Internet. The Internet has shrunk the entire World. The world e-retailing is growing at an exponential rate in the Americas, Europe, and Asia. However, e-retailing costs require expensive investment, such as hardware, software, and security systems. Cloud computing technology is internet-based computing for the management and delivery of applications and services. Cloud-based e-retailing application models allow enterprises to lower their costs with their effective implementation of e-retailing activities. In this paper, we describe the concept of cloud computing and present the architecture of cloud computing, combining the features of e-retailing. In addition, we propose a strategy for implementing cloud computing with e-retailing. Finally, we explain the benefits from the architecture.