

ABSTRACT

ANALYSIS AND DESIGN OF WEB HOSTING VIRTUAL PRIVATE SERVER (VPS) SERVICE ON MULTIPURPOSE COOPERATIVE WEB SALES USING CLOUD ADOPTION LIFECYCLE MODEL

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Technology has an important role for human life, one of which is Information Technology (IT). The development of IT in the world including Indonesia has provided many conveniences in various aspects of human life such as finance. In Indonesia, there are 3 main pillars that support the budget, one of which is the Cooperative. One cooperative based on the type of business that IT can implement for business development is the Multipurpose Cooperative or KSU. The progress of IT can change business processes increasingly, technology that originally only became a complement to business processes, now has become part of the business process itself. Likewise with the marketing process at KSU. However, marketing activities at KSU will not be optimal if they understand the application of IT. Therefore, IT support is needed that is appropriate to support the development of the marketing process. Cloud computing as server virtualization in IT services can be applied to KSU to improve and improve marketing business processes so that sales and purchases at KSU can run optimally. Infrastructure as a Service is a service that consists of web hosting that can be used in developing the KSU marketing process that runs on cloud computing infrastructure. Web hosting can provide convenience in accessing data and applications. The web hosting service used is a Virtual Private Server (VPS). The use of VPS has many advantages such as features that are flexible, full access, and efficient. The cloud computing adoption cycle model is used as a reference for developing cloud computing applications with some steps in it so that processes can run better.

Keywords : Multipurpose Cooperative, Cloud Computing, Infrastructure as a Service, Virtual Private Server