

ABSTRACT

In globalization era nowadays, the role of information technology (IT) is critical in supporting enterprise business processes. In many organizations, based on IT is to support, sustain and grow the business due to the continuity of business in an organization largely determines the performance of the organization. However, with the development of technology, enables an organization to not only considered and concerned with the performance of the technology or system in the organization. On the other hand, disturbances and threats to internal or external can happen at any given organization will plan the prevention of damage or disruption system ineffective. Because disasters can happen at any time with a variety of causes that arise. Disasters caused by both internal and external to threaten and harm the performance of the system so, will result in stunted their business that lead to bankruptcy.

Continuity Plan is the ability of the company to provide a service and support for its customers and maintain business continuity before, during, while, and after a disaster occurs. Continuity Plan talks about making a plan and create a framework to ensure that the business can live in a state of emergency, while DRP discusses the rapid recovery of an emergency with a minimum impact on the organization.

As examined in this study is a planning application service Continuity Plan on the academic, financial, and human resources case studies Telkom University. Telkom University is a university that is under the auspices of the newly formed Telkom a university of some institutions. Because Telkom University is relatively new and does not have a plan Continuity Plan yet, then the system is in the service of academic, financial, and personnel often impaired down the system so that business process is prevented even require a long recovery. Continuity Plan will assist Telkom University in prevention planning system disturbance is often the case that business continuity is still running. This study will provide a recommendation as to how the backup application technology using several methods such as RAID and other backup methods and data center design.

Keywords: Continuity Plan, DRP, system, recovery, RAID, backup methods, Data Center design.