

ABSTRACT

The Probability for organization to be exposed to risks are enormous, which can lead to business process failure, disruption of business processes, and even lead to cessation of business process activities for some period. These things can certainly be bad for business organizations, therefore a formal system where it can identify possible threats is needed, and then prepare procedures, strategies and tactics directed to minimize and eliminate these threats. That formal system is Business Continuity Planning (BCP). BCP and DRP are two inseparable things. BCP and DRP consist of preparing, testing, and updating the actions necessary to protect and recover critical business processes from the consequences of major network and system failures. The BCP shows how well an organization is preparing to survive unforeseen disaster, measuring risk, and measuring the value of criticality from business processes or so-called Business Impact Analysis (BIA) to the disruption or change that the organization must be able to ensure that the process business will continue to operate in spite of limited conditions. While DRP discusses the rapid recovery process of an emergency with minimum impact on the organization. BCDR aims to the reason so that organizational process business can operate normally although the organization is under abnormal condition, so the critical products and services can be delivered. The results of this study are people, processes, and technology. Reliable people. For BIA installation process and emergency response communication. And technology solutions in the form of recommended tools by backup the hot site, the mirrored site. With BCDR design, it's hoped that the development and IT governance in PT.XYZ especially in Asset Management Unit can operate well.

Keywords: Risk, Disaster Recovery Plan, Business Continuity Plan, Business Impact Analysis.