ABSTRACT

ADVANCE LOG MANAGEMENT FOR APPLICATION SERVER USING GRAYLOG WITH COLLECTOR SIDECAR

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The purpose of this thesis is to create an advance log management system with Graylog using Collector Sidecar so that the application server can send logs centrally with log collector without relying on the default log collector. This thesis is carried out during May 2018 until August 2018.

This thesis outcome a research report of log management analysis with the installation of collector sidecar. This research is based on Graylog Server which does not have a log collector so it needs a log management system that supports more log collectors. This thesis uses the Graylog Server application installed on the Ubuntu server 16.04.5.LTS operating system and an Apache Web Server that is installed with Graylog Sidecar in order to send logs centrally.

Keywords: log management, graylog, apache, log collector, collector sidecar, filebeat.

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