

ABSTRACT

internet is a source of information that is widely used today, that makes the technology grown so fast, the mode of internet abuse are also increases and various, starting from interception, destruction, and a lot of data theft occurs today. Internet abuse can be done from the external and internal network used. UTM is the right solution for secure network, because it has some security features such as firewall, proxy, Intrusion Prevention System (IPS), and some other security features are in one tool. Endian is a UTM distro which is open source and have a large community. Besides having some security features, Endian also has some network management features such as DHCP, routing, and VPN. This research put Endian as the center of a network topology that connected to the internal network (LAN), DMZ Server, and Internet Network (WAN). Tests conducted were the application of the DHCP features, content filtering, port restriction on inter-zone, as well as response of the IPS features that receive an attack. The results of the test showed that the Endian UTM is good enough in maintaining the security of network used although it still has some problems because it only uses the community version.

Key word: Endian, UTM