ABSTRACT

With the rapidly development of technology esespecially on network technology, it is possible to do a transaction data to or from far away server. As a data that cross over network that used by everyone its mean there are possiblity the data can be stealed by the others or usually called sniffing, because of that the server indeed need a security system to avoid this happen.

This final proyek focused on simulation a security system to avoid sniffing using a virtual private network (VPN). With VPN all packet data will be encrypted before it transmitted, so it can't be read easily. OpenVPN will be the VPN that used in this final project.

Keywords: Sniffing, VPN, OpenVPN