ABSTRACT

DEVELOPMENT OF VPN BY USING VIRTUAL PRIVATE SERVER FOR SECURITY PUBLIC INTERNET (CASE STUDY OF WIFI NETWORK)

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Wireless not only can be accessed through the office, now be accessible anywhere as malls, caffe and other public areas, Wireless devices are also equipped with wireless networking methods that can deploy Internet access without being limited by distance, time and place. but this tool is still vulnerable to the disruptive code, because it basically is designed and wireless in the design are not equipped with the protection or security that can protect data / information sent or received. So that the tool is still essential method of operating systems that can protect both the data / information sent, received at the network nirkabelnya.Agar private networks are distributed can communicate securely with each other through public networks like the Internet, it takes data security against theft. A VPN system to overcome this problem by creating a Virtual Private Network (Virtual Private Network) so that remote users (remote users) who are members of a virtual private network can communicate freely and securely over public networks. A VPN typically uses the internet as a medium of data transport to create a safe path with business partners, develop communications with regional and branch offices in the area terisolasi.Ketersediaan a Virtual Private Network or a private network connection becomes an important consideration. A VPN in fact resemble the conductor via the internet. The information through this conductor in an encrypted

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