

ABSTRACT

The remote access traditional technology like dial RAS (...) are now being forgotten. The main purposes are complicated deployment, higher phone cost, low security implementation and maintaining cost are raising up. That's why remote access trend are now shifting to VPN. VPN (Virtual Private Network) is a technology that allows remote user to access a closed private network using a standard public network like internet. One of the wrong common concept about VPN is that VPN always being connected with IPsec (Internet Protocol Security) protocol which is an encrypt Protocol that provides secured encrypted data transmission at network layer in a network. Meanwhile, there are also encrypted protocol and security that are able to provide the function of VPN. SSL (Secure Socket Layer) is one of the protocol, that works with application layer and is commonly used with a secured connection based on internet's web. SSL and IPsec protocol has its weakness and its strength.

Key word : VPN, SSL, IPsec, Cryptograph