

ABSTRACT

These time, many companies use their own internal network to connect between head office and branches, it is certainly a cost which is very expensive. To save costs, it can be built a private network that based on public network. Security issues are also important in the reliability of a network. Virtual Private Network (VPN) is one way to make the connection any-to-any over public networks such as the Internet by taking into account safety factors on the VPN. Remote Access Virtual Private Network using the Raspberry Pi can be used to create a VPN server with a minimum budget that could connect mobile users (mobile) from different locations to the internal office network. VPN with Raspberry Pi can be used by small to medium scale companies who want to build a private network over a public network.

Keywords: VPN, Remote Access, private network, raspberry pi