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***ANALYSIS AND DESIGN OF DHCP SERVER FROM
DHCP ROGUE ATTACK USING
MICROTIC ROUTER***

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ABSTRACT

In writing this scientific paper, the author aims to solve a problem in DHCP Rogue which is an illegal DHCP Server in the network and not configured by the network administrator. If the illegal DHCP Server enters the original DHCP Server, it will have the effect of providing incorrect IP address configuration on the client computer, causing leakage of data on the client computer. For the method used by the author by making some research tools such as using DHCP Real Server, using DHCP Rogue, using a proxy router as a Bridge Filter and using a client computer. From these results, the author concludes that ordinary networks that do not use security in the Bridge Filter can be potentially attacked by DHCP Rogue which causes hackers to control the entire network by spreading IPs from hackers to the network.

Keywords: DHCP Rogue, DHCP Server, Network Security.