

# [REVS] Detection of Promiscuous Nodes Using ARP Packets

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*Date:* 09/13/01

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## Detection of Promiscuous Nodes Using ARP Packets

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### SUMMARY

In the local network, the act of sniffing has become a serious threat. Malicious users can use sniffing techniques to steal confidential documents and anyone's privacy by sniffing the network. Sniffing causes privacy intrusion, and can be done simply by downloading free sniffer tools from the Internet and installing them into a personal computer that resides on the local network.

The documentation below discusses the use of Address Resolution Protocol (ARP) packets to effectively detect malicious users when they are sniffing the network.

### DETAILS

Due to the size of the document, a link is provided to the original article:

<[http://www.securityfriday.com/promiscuous\\_detection\\_01.pdf](http://www.securityfriday.com/promiscuous_detection_01.pdf)>

[http://www.securityfriday.com/promiscuous\\_detection\\_01.pdf](http://www.securityfriday.com/promiscuous_detection_01.pdf)

The tool <<http://www.securiteam.com/tools/5HP011F40E.html>> Promiscan

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implements the techniques discussed in this document.

ADDITIONAL INFORMATION

The information has been provided by <mailto:[urity@securityfriday.com](mailto:urity@securityfriday.com)>  
urity.

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