Discovering Unknown IP Address of ProtoCessor

Introduction

This eNote describes the procedure to use Wireshark to discover the IP Address of a ProtoCessor.

Procedure

- 1. Connections
 - 1.1. Connect the ProtoCessor directly to the PC using a standard cat5 cable.
- 2. Installing FST Utilites & Wireshark
 - 2.1. Download the FST utilities from the following link and run the install: http://fieldserver.com/techsupport/utility/utility.php
 - 2.2. Go to <u>www.wireshark.org/download.html</u> to access the download page.
 - 2.3. Select the download site for your operating system.
 - 2.4. Download the Download the Wireshark setup file.
 - 2.5. Run the executable.
 - 2.6. When installing Wireshark, also install WinPcap by checking the install box.
- 3. Obtaining the IP Address
 - 3.1. Double click on the Remote User Interface Icon on the desktop.
 - 3.2. Run Wireshark.
 - 3.3. Click on the 'Show the Capture Options' button on the top left.
 - 3.4. Go to the Interface option and select the Ethernet adapter from the drop-down menu.
 - 3.5. Click on the 'Start' button.

📶 Wireshark: Capture Options	
Capture	
Interface: Intel(R) PRO/100 VE Network Connection (Microsof	t's Packet Scheduler) : \Device\NP 💌
IP address: 1 Adapter for generic dialup and VPN capture: \Device	e\NPF_GenericDialupAdapter
Link-layer hea	t's Packet Scheduler) : \Device\NPF_{8
Capture packets in promiscuous mode	
Limit each packet to 68	
Capture Filter:	•
Capture File(s)	Display Options
File: Browse	Update list of packets in real time
Use multiple files	
Next file every 1 megabyte(s)	Automatic scrolling in live capture
Next file every 1 minute(s)	🗹 Hide capture info dialog
Ring buffer with 2	Name Resolution
Stop capture after 1 file(s)	Epshle MAC name recolution
Stop Capture	
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after	I ⊂ nable gransport name resolution
Help	<u>S</u> tart <u>C</u> ancel

- 3.6. Power up the ProtoCessor.
- 3.7. It will take a minute for the IP address of the ProtoCessor to show up in the info section of Wireshark.

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