AV6A EtherNet/IP using ControlLogix Address Setup



Run BOOTP Server Software

- 1. Make sure you are running Logix version 20 or later.
- 2. Run Rockwell's BOOTP Server Go to Windows Start→ All Programs → Rockwell Software→BOOTP DCHP Server

\longrightarrow	Run BOOTP Server Software
-	Insert Encoder Into Project
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	Malwarebytes Anti-Malware Dane
	Microsoft Office
	Microsoft Silverlight Documents
	Microsoft SQL Server 2008
	Microsoft SQL Server 2008 R2
	Music Music
	In Norton 360
	Recent Items
	In Notepad++
	Computer
	PDF Complete
	QuickBooks Control Panel
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\longrightarrow	Rockwell Software Devices and Printers
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	1 Back
	Search programs and files P Shut down

- 3. After 10 Seconds the MAC address found on the encoder nameplate should be in the "Request History"
- 4. Double click on the MAC address for the encoder. The following window will open:
- 5. Program the IP address for the encoder and press "OK".

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14:46:32 BODTP 00:0E:CF:04:6E:AA 192:168:1.20	
Relation List	
New Delete Enable BOOTP Enable DHCP Disable BOOTP/DHCP	
Ethernet Address (MAC) Type IP Address Hostname Description	

6. You should now see the IP address in the "Relation List".

[h	r.min:sec)	Туре	Ethernet Add	ess (MAC)	IP Address	Hostna	ame	
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- 7. In the "Request History" and the "Relation List", verify the MAC and the IP address coincide.
- 8. In the "Relation List", click on the MAC address with the new IP.
- 9. Click on the "Disable BOOTP/DHCP" button.
- **10.** Go to windows "Command Prompt" and ping the encoder IP address.

an Administrator: Command Prompt	- • ×
Microsoft Windows [Version 6.1.7601] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	A
C:\Users\Dane>PING 192.168.1.20	-
Pinging 192.168.1.20 with 32 bytes of data: Reply from 192.168.1.20: bytes=32 time=4ms TIL=120 Reply from 192.168.1.20: bytes=32 time=2ms TIL=120 Reply from 192.168.1.20: bytes=32 time=1ms TIL=120 Reply from 192.168.1.20: bytes=32 time=2ms TIL=120	
Ping statistics for 192.168.1.20: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 1ns, Maximum = 4ns, Average = 2ms	
C:\Users\Dane>	

- **11.** If the ping worked like the picture above, the encoder is now ready for configuration in Logix or Studio.
- **12.** Follow the instructions for inserting an AV6A into your PLC program.

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