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ARP Lab Overview

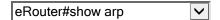
View your	ARP	Table:
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1. First you want to c	connect to eRoute	r 1 and view yo	ur ARP table.	What command will do this
eRouter#show arp	~			

2. Next you need to assign an IP address of 10.1.1.1 /24 to the Ethernet 0 interface.



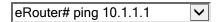
3. Now view your ARP table again. How many entries do you have now?



- **4.** Select eRouter2 from the button menu.
- 5. Set eRouter 2's Ethernet 0 interface IP address to 10.1.1.2 /24



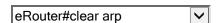
6. You should now have a connection between your eRouter 1 and eRouter 2 Ethernet interfaces. To ensure that the connection is functional ping your eRouter 1 Ethernet 0 IP address.



7. Now view your ARP table and notice the entry. What address is it and how was it learned?



8. Now that you have built an ARP table go ahead and clear it.



9. View your ARP table one last time and notice what entries are there.



ARP TABLE LAB

- 1. First you want to connect to eRouter 1 and view your ARP table what command will do this?
- 2. Next you need to assign an IP address of 10.1.1.1 /24 to the Ethernet 0 interface. What command will set the IP address on your Ethernet interface? conf t

```
interface Ethernet0
ip address 10.1.1.1 255.255.255.0
no shutdown
```

file:///C:/Program%20Files%20(x86)/Boson%20Software/Boson%20NetSim/labs/arpla... 21/9/2023

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