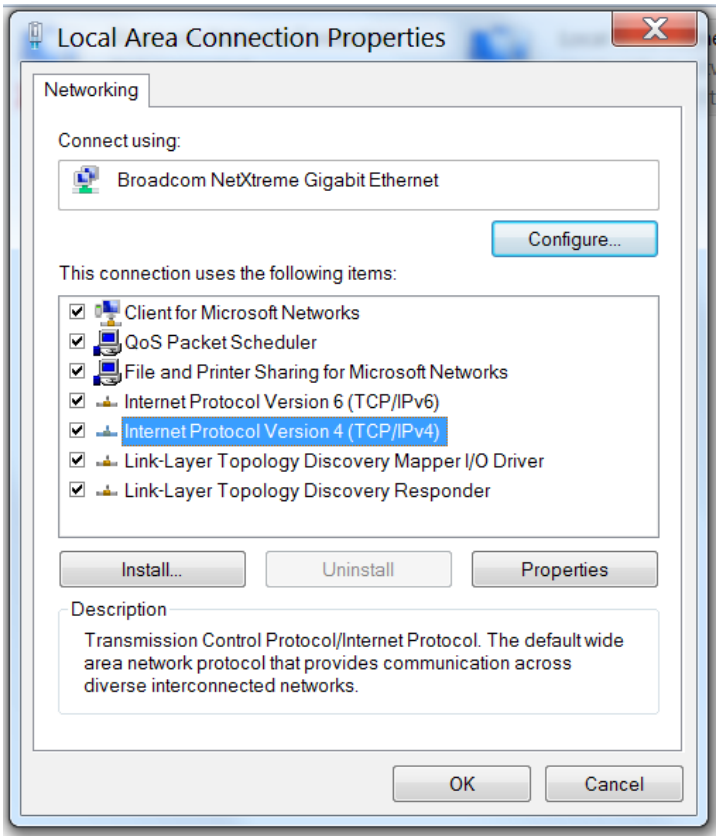
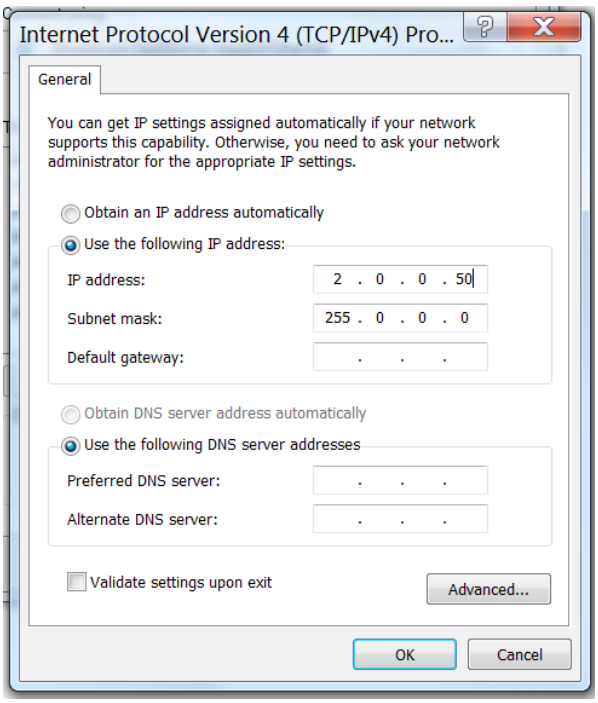
Title	Tutorial: Connecting Servers in Master & Slave Configuration		Defining The Future
Product	Ai		
Date/Author	31/07/13	Marc Evans	
Level	Medium/Hard		www.avolitesmedia.com
Estimated Time	15 minutes		

Background:
This tutorial briefly explains how to connect two Ai servers in Master/Slave configuration

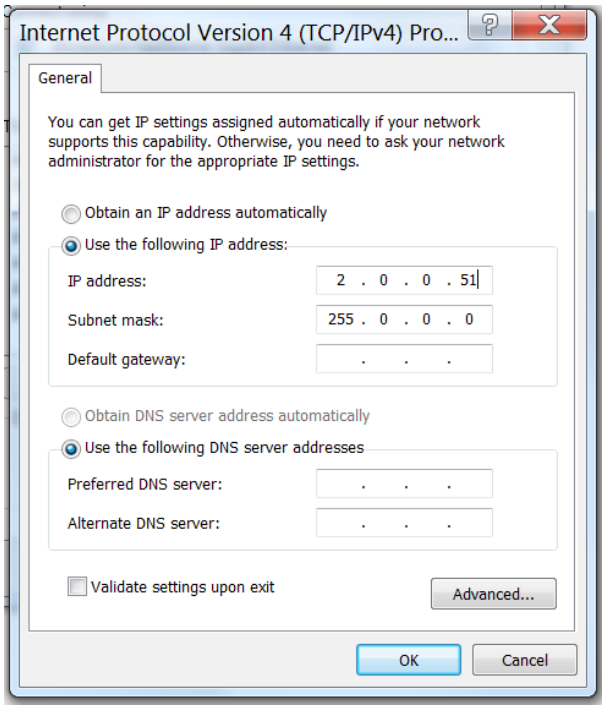
First, setup the network connections for both machines using Network and Sharing Center. Open this and then choose Change Adapter Settings on the left hand side. Right-click on your Network Connection and choose Properties. Scroll down to choose “Internet Protocol Version 4 (TCP /Ipv4)” and then click Properties.



Then near the top click on “Use the following IP address” - on the Master machine type in an IP address of 2.0.0.51 and on the Slave machine set the IP address to 2.0.0.50. Make sure the Subnet mask for both machines is 255.0.0.0

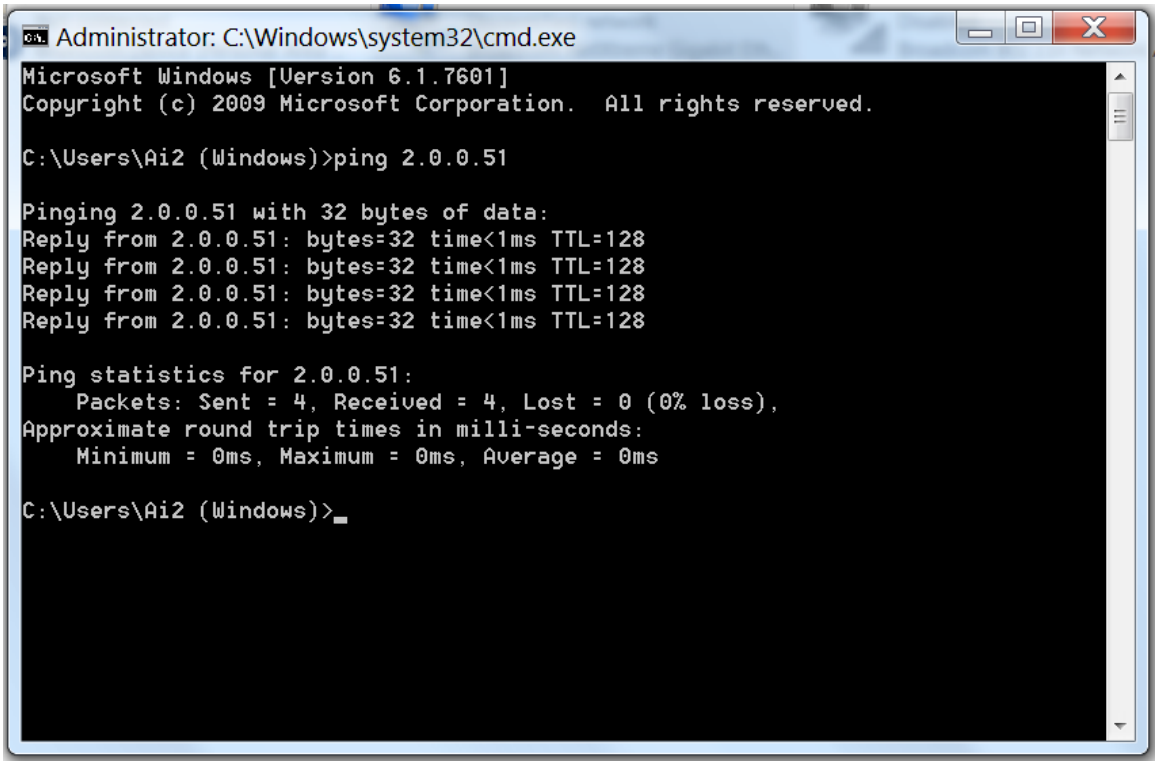


SLAVE



MASTER

On your Master machine, go to the Start menu and type in CMD to access the Command Prompt. When this loads, type ping 2.0.0.51 and press enter – this will send data to the Slave machine to see if they are communicating. If all goes well, you should get a result saying something like “Packets: Sent = 4, Received = 4, Lost = 0”. If you get error messages, then double check the adapter settings as above and also the physical connections.



Now start Ai on both machines. When loaded, you need to go to the System Settings and ensure both machines display an Artnet Adapter with the IP addresses we specified earlier. On your Master machine, set the Master/Slave function to “Master” and on the Slave machine set this to “Slave”. Now, in theory, both machines should be communicating with each other – this can be tested by triggering a clip on the Master machine, or changing a bank.

SLAVE

MASTER