

**Troubleshooting  
Vlan Scenario 1**

*CIT 167*

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## Part 1: Test Connectivity between PCs on the Same VLAN

i) Can PC1 ping PC4

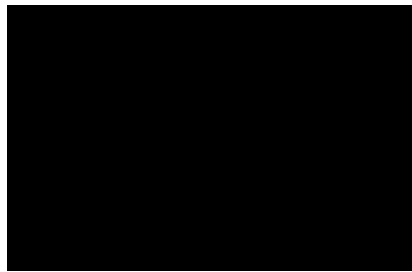
a

ii) Can pc2 ping pc5

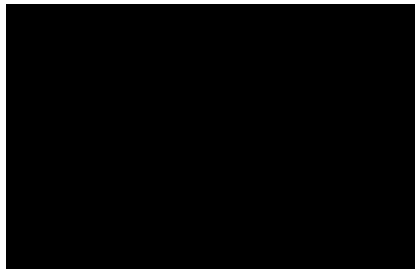
a

iii) Can pc3 ping pc6

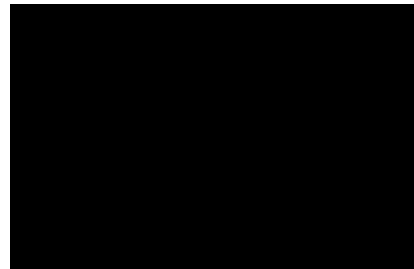
a



(a) PC1 ping PC4



(b) PC2 pinging PC5



(c) PC3 Pinging PC6

Figure 1: Testing Connections on the same networks

## Part 2: Investigate Connectivity Problems by Gathering Data

i) **Verify Configurations on the PCs**

I checked configurations for IP address and subnetmasks on all pcs. PC5 had an incorrect IP address. All are now correct.

ii) **Verify Configs on the Switches**

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