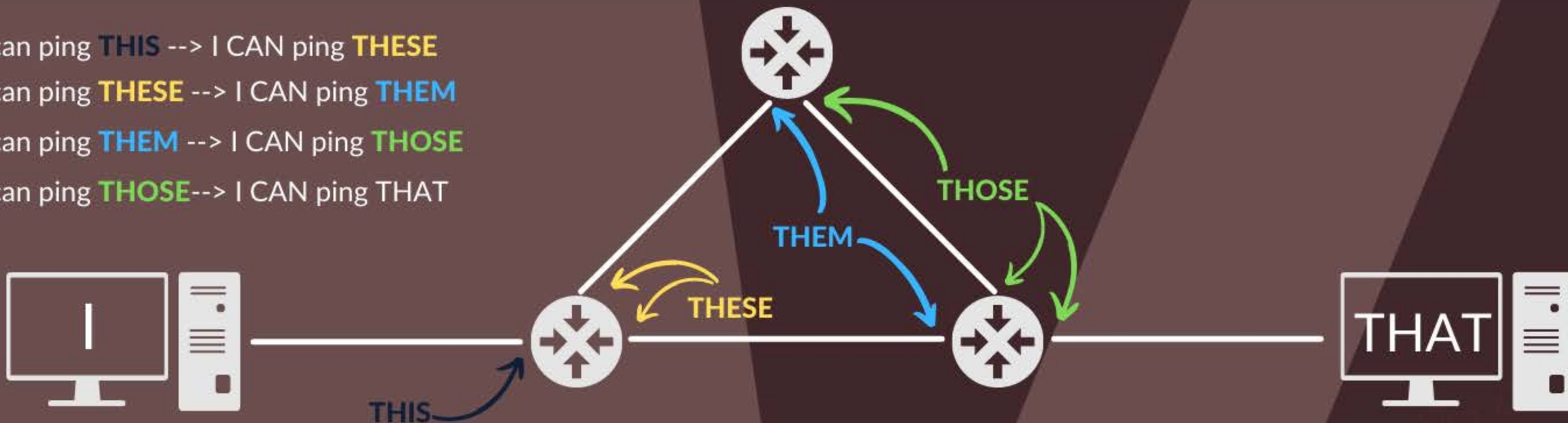# CCNA CHEAT SHEET

Ping Hierarchy

If you are troubleshooting a network* that should be fully converged (via dynamic or static routing). Remember that there is a PING HIERARCHY. To be able to ping one interface on a router, means you can ping all interfaces on the same router. To ping one IP address in a network means you can ping all IPs on that same network

If I can ping **THIS** --> I CAN ping **THESE**

If I can ping **THESE** --> I CAN ping **THEM**

If I can ping **THEM** --> I CAN ping **THOSE**

If I can ping **THOSE** --> I CAN ping THAT

THOSE

THEM

THESE

THAT

THIS

*Assuming there are no ACLs present

M³ My Minds Madness