Steps for Setting up Small WLAN Networks

☐ **STEP 1:** OBTAIN IP AND CHOOSE OPTIMAL ROUTER/ACCESS POINT
- ❏ Select a router that supports 802.11ac or dual-band 802.11n for optimal performance
- ❏ If configuring for a larger space, consider more than one AP for added coverage
- ❏ Give each AP the same SSID

☐ **STEP 2:** CONFIGURE WPA2
- ❏ Disable WPS on all access points (for the best security)
- ❏ Use the same security passphrase on each access point

☐ **STEP 3:** DISABLE 40MHZ CHANNELS
- ❏ Disable 40MHz (sometimes called "channel bonding) on all AP's and opt to use 20MHz channels instead

☐ **STEP 4:** CONFIGURE ALL AP'S TO USE CHANNELS 1, 6 AND 11
- ❏ If you don't know why, check out MetaGeek article "Why 1, 6, and 11" in our knowledge base online
- ❏ Keep same channel AP's as far away from each other as possible (if you have 4 or more AP's)

☐ **STEP 5:** POSITION AP'S FOR OPTIMAL COVERAGE
- ❏ Position AP's with about -67 dBm overlap

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