



Read Me First For Cisco Aironet 1300 Series Lightweight Access Points

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Manually Configuring Controller Information

In a new installation, when your new lightweight access point (Model number: AIR-LAP1310G) is unable to reach a DHCP server, you can manually configure static controller information using the power injector console port and EXEC mode CLI commands. The static settings configured with the CLI commands are used by the lightweight access point to connect with a controller.



Note

These CLI commands can be used only on lightweight access points that are not associated to a controller.

Console Port

You can use the power injector's console port for entering CLI commands to manually configure controller information. Follow these steps to connect to the power injector's console port:

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- Step 1** Connect a nine-pin, female DB-9 to RJ-45 serial cable to the RJ-45 serial console port on the power injector and to the COM port on a computer.



Note

The Cisco part number for the DB-9 to RJ-45 serial cable is AIR-CONCAB1200. Browse to <http://www.cisco.com/go/marketplace> to order a serial cable.

- Step 2** Set up a terminal emulator, such as Windows Hyper Terminal, to communicate with the access point. Use the following settings: 9600 baud, 8 data bits, no parity, 1 stop bit, and no flow control.



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- Step 3** The access point default (out-of-the-box) username, password, and enable password are all *Cisco* (case sensitive).



Note You must remove the serial cable from the console port when your configuration is complete.

CLI Command Example

```
AP# lwapp ap ip address 10.0.0.14 255.255.255.0
AP# lwapp ip default-gateway 10.0.0.1
AP# lwapp controller ip address 10.21.11.21
AP# lwapp ap hostname LAP1300
```

Where *LAP1300* is the access point name on the controller.

Antenna Recommendations

- AIR-LAP1310G-x-K9 has a single integrated antenna and is not configurable for antenna selection (diversity/left/right). The *x* represents your regulatory region.
- AIR-LAP1310G-x-K9-R has two external antenna connectors and does not ship with an antenna because many different external antennas can be used with this product to cover various environments and applications. You must install one or two external antennas. The *x* represents your regulatory region. For additional information on antennas and accessories, refer to this URL:

http://www.cisco.com/en/US/prod/collateral/wireless/ps5679/ps5861/product_data_sheet09186a008022198b.html

- If two diversity antennas are installed, Cisco recommends that you configure **Diversity** for the antenna receive and antenna transmit settings on your controller.
- If only one antenna is installed, Cisco recommends that you connect it to the right RP-TNC antenna connector and that you configure **Right (Primary)** for the antenna receive and antenna transmit settings on your controller.

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