NAME

comitup−cli – command−line interface for comitup network management

SYNOPSIS

```
$ `comitup-cli [cmd ...]`

State: HOTSPOT
Connection: hotspot-123
Points:
    1: MyAccessPoint
    2: HisAccessPoint
Available Commands:
    (r)eload
    (q)uit
    connect to (<n>)
    [l]ocate the device
    [x] Factory reset (no warning)
command?:
```

DESCRIPTION

The **comitup−cli** utility provides access to the comitup(8) D−Bus interface. It is intended to serve as a debug tool, and a source code example for connecting to the interface.

If an argument is provided, a one−shot command is attempted. Oherwise, the program goes into an interpretive mode.

If the comitup(8) service is not running, **comitup−cli** will immediately exit.

Command−Mode Display:

- **State**

  The **comitup** states are **HOTSPOT**, **CONNECTING**, and **CONNECTED**.

  In the **HOTSPOT** mode, **comitup** creates a wifi hotspot with the name **comitup−<nnn>**, where <nnn> is a persistent number.

  Once in **HOTSPOT** mode, the system will occasionally (~3 min) cycle through available defined connections, by transitioning to the **CONNECTING** mode. The Access Point list is updated by this process. Any command issued by **comitup−cli** will cause the next timeout instance to be skipped.

  If any other devices are connected to the Comitup hotspot, the periodic attempt is skipped, to avoid interrupting service to those devices.

  Once a connection is established, the system will be in the **CONNECTED** mode. If the connection is lost, failed, or deleted, the system will transition back to the **HOTSPOT** state.

- **Connection**

  The `ssid` of the current active connection.

- **Points**

  While in the **HOTSPOT** mode, **comitup−cli** will list the currently−visible access points, by `ssid`. Access points with the strongest signal are sorted to the top of the list. The entries are numbered, for use with the **connect** command.

Commands

- **r – Reload**

  Refresh the displayed state, mode, and list of access points.

- **q – Quit**

  Exit **comitup.cli**.

- **d – Delete connection**

  Delete the configuration information for the current wifi connection. This will cause **comitup** to transition to the **HOTSPOT** mode.

  This command is not available in the **HOTSPOT** mode.

- **<n> – Connect to access point <n>**

  Define a connection for the selected access point, and then attempt to connect.

  This command is only available in the **HOTSPOT** mode.

- **m – Manual connection**

  Enter an SSID manually.

- **i – Get information**

  Return the comitup version and host name for the current instance.

- **l – Locate**

  Locate the headless Raspberry Pi running Comitup by blinking the front green LED once.

- **n – reName**

  Change the name of the host, Comitup ap_name, and comitup mdns domain name. This also adds an entry in 'hosts'. This causes Comitup to restart, and the cli session to end.

- **x – Factory Reset**

  Remove all defined WiFi connections, and restart the service. There is no confirmation requested. This will terminate the interpreter session. Note that *enable_nuke* must be enabled in *comitup.conf* for this to succeed.

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SEE ALSO

comitup(8), comitup−conf(5), comitup−web(8), comitup−watch(1)