

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. Otherwise, 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 (~1/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.

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.

- **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.

COPYRIGHT

Comitup is Copyright (C) 2016–2019 David Steele <steele@debian.org>

SEE ALSO

comitup(8), comitup-conf(5), comitup-web(8)