Changing Station POST_IFUP field with the CLI API

**Goal:** Programmatically change a station's POST_IFUP field.

Creating a series of scripts using the If_asssociate_ap.pl script is not adequate for negotiating a captive-portal environment, that script does not set the POST_IFUP parameter for the station. However, stations can be modified to gain that field.

```
set_wifi_extra2,
  1,  # resource number
  sta100,  # port name
  0,   # flush-to-kernel
  NA,  # ignore probe
  NA,  # ignore auth
  NA,  # ignore assoc
  NA,  # ignore_reassoc
  NA,  # corrupt_gtk_rekeyMic
  NA,  # radius_ip
  NA,  # radius_port
  NA,  # freq_24
  NA,  # freq_5

  # post_ifup_script
  './portal-bot.pl --bot bp.pm --user "username" --pass "secret" --start_url "http://
  NA  # ocsp
```

The above command would never actually be formatted in the way it appears above. It would all appear on one line without comments.

In a perl script, the command could be formatted like:

```
my $cmd = fmt_cmd("set_wifi_extra2", 1,
  "sta100",  # port name
  0,        # flush-to-kernel
```
"NA",    # ignore probe
"NA",    # ignore auth
"NA",    # ignore assoc
"NA",    # ignore_reassoc
"NA",    # corrupt_gtk_rekey_mic
"NA",    # radius_ip
"NA",    # radius_port
"NA",    # freq_24
"NA",    # freq_5

qq(./portal-bot.pl --bot bp.pm ) # post_ifup_script
.qq(--user "username" --pass "secret" )
.qq(--start_url "http://www.google.com/" )
.qq(--ap_url "http://localhost/" )
.qq(--login_form "login.php" )
.qq(--login_action "login.php" )
.qq(--logout_form "logout.php"),
  "NA"    # ocsp);

Important Notes

1. the LANforge server treats single-quotes (apostrophes, ‘) as command delimiters. Use only double-quotes (""") to quote the arguments to the script.

2. Do not use newlines (\n) or carriage-returns (\n\n). That will truncate the command and LANforge will process it immediately.

3. These parameters will be provided by the server:
   - --mgt The management FIFO
   - --ip4 The IP address of the port
   - --ip6 The IPv6 address of the port
   - --dnsv A comma-separated list of DNS addresses
   - --logout Signals logout

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