CLI

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Command Line Interface (CLI)

Created by Documentation, last modified by Jim Mason on Jan 08, 2018

The CLI is a powerful tool for viewing and editing your current system configuration.

To use the CLI, you will need to access your phone system's console via a superuser. The system console is available either at the local terminal, or via SSH. We recommend the following SSH Clients:

- **Windows: PuTTY**
- **Mac: Terminal, or iTerm2, and ssh**
- **Linux: ssh or PuTTY**

Warning

With great power comes great responsibility.

Most changes done via the CLI are applied Immediately.

Please be familiar with all commands prior to using the CLI

Test the firezirrah

Commands

Please note that all CLI commands are case sensitive.

There are two modes available to you when working in the CLI:

- Command

  Used for informational purposes, such as viewing current active call status or current device availability status.

  Used for controlling real-time aspects of the system, such as rebooting, disconnecting calls, or logging out call center agents

  This mode is the default mode when entering the CLI

- Configure

  Used for changing configurations for any settings, or viewing existing configurations for specific nodes.

  This mode can be accessed from the root of Command Mode by typing **configure**

Command Mode

- callqueue

  agent

  Agent command description

  queues

  Queues command description

- clear
  - voicemail

    box

    greeting

- configure

  terminal

- disable
- exit
- mtr

  ip

  ipv6

- ping

  ip

ipv6

arp

- reboot
- services
  - **restart**
  - **stop**
  - **start**
- show
  - callqueue
    - agent
      - **logins**

        Show currently logged in agents
      - **assignments**

        Show current agent assignments by call queue
    - queues
      - **status**

        Show current queue statuses
      - **config**

        Show current queue configurations
    - polycom
      - **status**

        Show current device status
      - **config**

        Show current device configuration
  - calls
    - **status**

      List all current active calls
  - cos

    List only CoS
    - **includes**

      List all CoS as well as any includes
  - devices
    - sip
      - **status**
    - iax
      - **status**
    - polycom
      - **status**
  - diag

    Show diagnostic information?
  - extensions
    - **status**

- interfaces

  Show all interfaces and their current configuration/status
- ip

  interface

  route
- licenses

  Display current available and assigned licenses
- phonegroups

  Display all current phonegroup information
- polycoms

  Show only installed polycoms on the system
- registrations

  sip

  iax

  all
- routes

  Show route information
- running-config

  Show full configuration for all configured nodes
- services

  Show running services

  detail

  Show running services actual process details
- startup-config

  Show startup-config (currently failing)
- system-users

  Show system users, not sure what they relate to
- tenants

  Show all current tenants on the active system
- trunks

  Show all available trunks configured on the system

- traceroute

Configure Mode

- clone
  - daynight_group
  - extension
  - route
- core_settings
  - beep_on_xfer
  - enable_phone_reprogram_feature
  - enable_steal_holding_call
  - externhost

- externip
- externrefresh
- externtcpport
- externtlsport
- hosted_mode
- localnet
- pbx2_host
- pbx2_port
- pbx2_reg_period
- pbx2_transport
- pbx_ip
- pbx_reg_period
- pbx_transport
- ringseconds_till_voicemail
- server_name
- sip_port

core_sip_settings

- dtmfmode
- qualify
- qualifyfreq
- rtpholdtimeout
- rtptimeout

cos

Class of Service (CoS) takes a second argument which specifies either:

- A new CoS name you wish to create and configure, e.g. "cos foo"
- An existing CoS name you wish to make changes to, e.g. "cos foo" where "foo" is an already existing CoS

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