

Firewall Command Line

Starting with FreePBX Firewall version 13.0.23.1 (with additional options added in ver. 13.0.43.1), the FreePBX Firewall has the following command line controls:

for help use: `fwconsole firewall --help`

```

                                     Help
[root@lgaetzdev2 ~]# fwconsole firewall --help

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Usage:
  firewall [-f|--force] [-h|--help] cmd [opt] [ids1] ... [idsN]

Arguments:
  cmd          Command to run (see --help)
  opt          Optional parameter
  ids          IDs to add or remove from a zone

Options:
  --force (-f)      Force Add/Removal of entry
  --help (-h)      Display this help message
  --quiet (-q)     Do not output any message
  --verbose (-v|vv|vvv) Increase the verbosity of messages: 1 for normal
output, 2 for more verbose output and 3 for debug
  --version (-V)   Display this application version
  --ansi           Force ANSI output
  --no-ansi       Disable ANSI output
  --no-interaction (-n) Do not ask any interactive question

Help:
Valid Commands:
disable : Disable the System Firewall. This will shut it down cleanly.
stop    : Stop the System Firewall
start   : Start (and enable, if disabled) the System Firewall
trust   : Add the hostname or IP specified to the Trusted Zone
untrust : Remove the hostname or IP specified from the Trusted Zone
list [zone] : List all entries in zone 'zone'
add [zone] [id id id..] : Add to 'zone' the IDs provided.
del [zone] [id id id..] : Delete from 'zone' the IDs provided.
When adding or deleting from a zone, one or many IDs may be provided.
These may be IP addresses, hostnames, or networks.
For example:
fwconsole firewall add trusted 10.46.80.0/24 hostname.example.com 1.2.3.4

```

Firewall commands and usage examples:

- **disable** - This disables the FreePBX Firewall module, stops the service, and immediately flushes all iptables rules. Disable differs from stop in that the module stays disabled after a reboot. Note there is no corresponding enable command, use start instead.

Example

```
# fwconsole firewall disable
```

- **stop** - This temporarily stops the FreePBX Firewall until it is manually started or until the pbx is booted. All existing iptables rules are immediately flushed.

Example

```
# fwconsole firewall stop
```

- **start** - This starts the FreePBX Firewall, enabling first if necessary

Example

```
# fwconsole firewall start
Enabling Firewall.

Broadcast message from <fqdn redacted> (Wed Apr 13 11:02:22 2016):
Firewall service now starting.
```

- **trust** - Adds a host to the list of trusted networks shown on the zones, networks page

Examples

```
# fwconsole firewall trust www.google.com
Attempting to add www.google.com to Trusted Zone
Success. Entry added to Trusted Zone.

# fwconsole firewall trust 192.168.0.1/24
Attempting to add 192.168.0.1/24 to Trusted Zone
Success. Entry added to Trusted Zone.
```

- **untrust** - removes a host (if present) from the list of trusted networks shown on the zones, networks page

Examples

```
# fwconsole firewall untrust www.google.com
Attempting to remove www.google.com from Trusted Zone
Success. Entry removed from Trusted Zone.

# fwconsole firewall untrust 192.168.0.1/24
Attempting to remove 192.168.0.1/24 from Trusted Zone
Success. Entry removed from Trusted Zone.
```

- **list** - list all hosts for a specified zone, acceptable zones are external, other, internal, trusted, and blacklist

Examples

```
[root@lgaetzdev2 ~]# fwconsole firewall list blacklist
All blacklisted entries.
    8.8.8.8
    google.com: (Resolves to 216.58.219.206)
```

```
[root@lgaetzdev2 ~]# fwconsole firewall list trusted
All entries in zone 'trusted':
    192.168.0.0/16
    172.16.0.0/12
    10.0.0.0/8
    fc00::/8
    fd00::/8
    127.0.0.1/32
```

- **add** - add host(s) to specified zone, acceptable zones are external, other, internal, trusted, and blacklist, separate multiple hosts by spaces

Examples

```
[root@lgaetzdev2 ~]# fwconsole firewall add blacklist example.com
192.168.15.0/24
Attempting to add 'example.com' to Blacklist ... Success!
Attempting to add '192.168.15.0/24' to Blacklist ... Success!

[root@lgaetzdev2 ~]# fwconsole firewall add other 192.168.75.0/24
Attempting to add '192.168.75.0/24' to Zone 'other' ... Success!
```

- **del** - delete host(s) from the specified zone, acceptable zones are external, other, internal, trusted, and blacklist, separate multiple hosts by spaces

Examples

```
[root@lgaetzdev2 ~]# fwconsole firewall list other
All entries in zone 'other':
    192.168.75.0/24

[root@lgaetzdev2 ~]# fwconsole firewall del other 192.168.75.0/24
Attempting to remove 192.168.75.0/24 from 'other' Zone ... Success!

[root@lgaetzdev2 ~]# fwconsole firewall list other
All entries in zone 'other':
```