



# RBFS CLI Overview

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# 1. RBFS CLI Overview

The RBFS command-line interface (CLI) provides a set of commands that you can use to monitor and configure devices running RBFS.

This document contains information about the RBFS CLI.

## 1.1. Starting CLI

The example below shows how to start the RBFS CLI.

```
admin@rtbrick:~$ cli
admin@rtbrick: op>
[ You are in operation mode]
```

## 1.2. Switching different modes

The example below shows how to switch between modes.

```
admin@rtbrick: op> switch-mode
config          Enter a given mode
debug           Enter a given mode
operation        Enter a given mode
```

The example below shows how to switch from the **operation** mode to the **config** mode.

```
admin@rtbrick: op> switch-mode config
admin@rtbrick: cfg>
```

## 1.3. Committing CLI configurations

The example below shows how to commit your changes.

```
admin@rtbrick:~$ cli
admin@rtbrick: cfg> <cli command goes here>
admin@rtbrick: cfg> commit
```

## 1.4. Viewing configuration

The example below shows how to view configuration.

```
admin@rtbrick: cfg> show config
```

## 1.5. Viewing uncommitted changes

To view the uncommitted changes, enter the following command:

```
admin@rtbrick: cfg> show diff
```

## 1.6. Saving configuration

To save configuration, enter the following command:

```
admin@rtbrick: cfg> save config my_config.json
```



- Ensure that you use .json at the end of the filename.
- The configuration will be saved to the current working directory of CLI executable.

## 1.7. Loading configuration

To load configuration, enter the following command:

```
admin@rtbrick: cfg> load config <filename>
```



- Ensure that you use .json at the end of the filename.
- Remember to commit your changes after loading.

## 1.8. Viewing configuration in set format

To view configuration in a set format, enter the following command:

```
admin@rtbrick: cfg> show config set
```

## 1.9. Viewing configuration in a given hierarchy [show config followed by your hierarchy]

To view configuration in a given hierarchy, enter the following command:

```
admin@rtbrick: cfg> show config instance red address-family
```

## 1.10. Turn Paging on/off

To turn the paging on/off, enter the following command:

```
admin@rtbrick: cfg> paging
off      Pagination for commands that span more than screen length
on       Pagination for commands that span more than screen length
```

## 1.11. Discarding the uncommitted diff

To discard the uncommitted diff, enter the following command:

```
admin@rtbrick: cfg> discard
```

## 1.12. Deleting entire running-config at a time

To delete the entire running-configuration at a time, enter the following command:

```
admin@rtbrick: cfg> discard all
```