



RBFS CLI Overview

Version 20.11.1.2, 23 December 2020

Registered Address	Support	Sales
26, Kingston Terrace, Princeton, New Jersey 08540, United States		
		+91 80 4850 5445
http://www.rtbrick.com	support@rtbrick.com	sales@rtbrick.com

©Copyright 2020 RtBrick, Inc. All rights reserved. The information contained herein is subject to change without notice. The trademarks, logos and service marks ("Marks") displayed in this documentation are the property of RtBrick in the United States and other countries. Use of the Marks are subject to RtBrick's Term of Use Policy, available at <https://www.rtbrick.com/privacy>. Use of marks belonging to other parties is for informational purposes only.

Table of Contents

1. RBFS CLI Overview	3
1.1. Starting CLI	3
1.2. Switching different modes	3
1.3. Committing CLI configurations	3
1.4. Viewing configuration	3
1.5. Viewing uncommitted changes	4
1.6. Saving configuration	4
1.7. Loading configuration	4
1.8. Viewing configuration in set format	4
1.9. Viewing configuration in a given hierarchy [show config followed by your hierarchy]	4
1.10. Turn Paging on/off	5
1.11. Discarding the uncommitted diff	5
1.12. Deleting entire running-config at a time	5

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
```