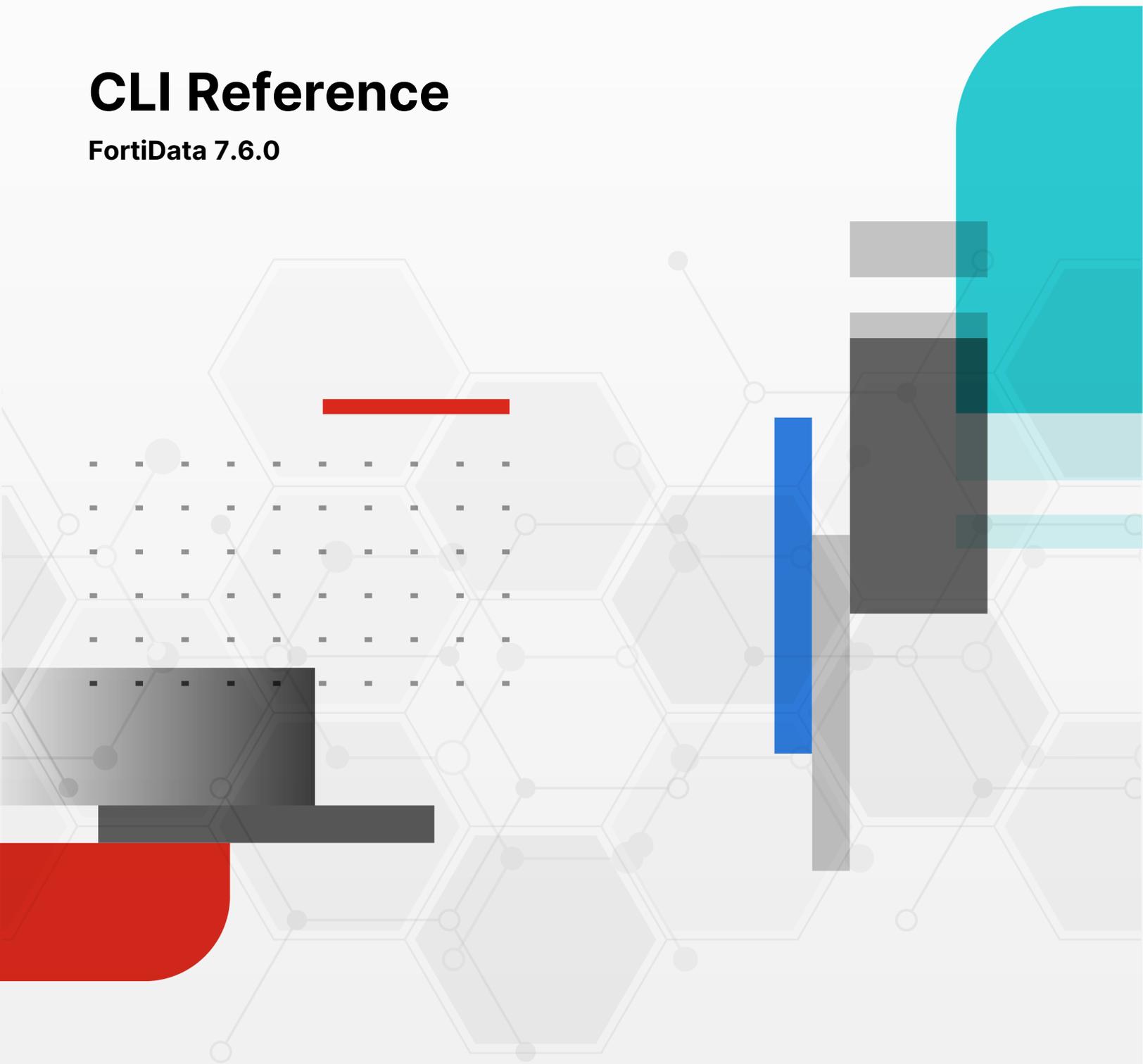


# CLI Reference

FortiData 7.6.0



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FortiData 7.6.0 CLI Reference

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# Change log

Date	Change description
2025-02-24	Initial release.

## Overview

You can configure some settings through a connection to the command-line interface (CLI). This requires a terminal emulator such as PuTTY, TeraTerm, or a terminal server.



After you configure the management port, you can connect to the management port and use the CLI remotely by SSH.

---

## Getting CLI help

Enter a question mark (?) at the command prompt to display a list of CLI commands and their description.

```
FortiData #
config      Configure object.
diagnose    Diagnose facility.
execute     Execute static commands.
exit        Exit the CLI.
show        Show configuration.
```

Enter `config system ?` to display all configuration system related commands and their descriptions.

```
FortiData # config system
csf          Config security fabric.
hostname     Configure hostname.
interface    Configure interfaces.
route        Configure route.
tunneling    Config license update proxy
```

Enter `diagnose ?` to display all diagnose related commands and their descriptions.

```
FortiData # diagnose
hardware     Hardware information.
logs         logs
```

Enter `execute ?` to display all execute related commands and their descriptions.

```
FortiData # execute
ping         PING command.
reboot       Reboot FortiData.
restore      Restore FortiData.
shutdown     Shutdown FortiData.
```

Enter `show system ?` to display all show system related commands and their descriptions.

```
FortiData # show system
csf          Show security fabric configurations.
hostname     Show hostname configuration.
interface    Show network interfaces and configurations.
route        Show default route.
```

## Abbreviating commands

You can abbreviate words in the command line to their smallest number of non-ambiguous characters.

For example, the `show system route` command can be abbreviated to `s s r`.

```
FortiData # s s r
Default gateway: 10.255.255.2
Default gateway6: ::
```

## Completing commands automatically

Enter a word or part of a word and then press `?`. No space is required before the command.

For example, enter `e` and then `?`. You can see the following information:

```
FortiData # e
execute      Execute static commands.
exit        Exit the CLI.
```

The table below lists the shortcuts and descriptions:

Action	Shortcut	Description
List	<code>?</code>	List CLI commands and their descriptions.
	Tab	Display the key command word. Press Tab multiple times to switch among different words, such as <code>get</code> , <code>show</code> , and <code>config</code> , etc.
Recall	<code>↑</code> or <code>Ctrl + P</code>	Recall the previous command. Command memory is limited to the current session.
	<code>↓</code> or <code>Ctrl + N</code>	Recall the next command.
Cursor move	<code>←</code> or <code>→</code>	Move the cursor within the command line.
	<code>Ctrl + A</code>	Move the cursor to the beginning of the command line.
	<code>Ctrl + E</code>	Move the cursor to the end of the command line.
	<code>Ctrl + B</code>	Move the cursor after one word.
	<code>Ctrl + F</code>	Move the cursor before one word.
Delete	<code>Ctrl + D</code>	Delete the current character.
Abort commands	<code>Ctrl + C</code>	Abort current interactive commands, such as when entering multiple lines. If you are not currently within an interactive command such as <code>config</code> or <code>edit</code> , this closes the CLI connection.
Continue to next line	<code>\</code> then <code>Enter</code>	Continue typing a command on the next line for a multi-line command. For each line that you want to continue, terminate it with a backslash ( <code>\</code> ). To complete the command line, terminate it by pressing the <code>spacebar</code> and then the <code>Enter</code> key without an immediately preceding backslash.

## CLI commands

The following table describes commonly used CLI commands.

Command	Description
<code>?</code>	Show help information.
<code>show system hostname</code>	Show hostname configuration.
<code>show system interface</code>	Show network interfaces and configurations.
<code>show system route</code>	Show the default route.
<code>show user</code>	Show current user.
<code>show timezone help</code>	Show the timezone identifier and its corresponding GMT offset.
<code>show full-configuration</code>	Show full configuration.
<code>config system hostname</code>	Set the host name for this appliance.
<code>config system interface</code>	Configure network interfaces.  <pre>config system interface     edit mgmt         set ip 172.173.1.200 255.255.255.0     end end</pre>
<code>config system route</code>	Configure the gateway address for the management port.  <pre>config system route     set gateway 172.173.1.248 end</pre>
<code>diagnose hardware info</code>	Show hardware information.
<code>diagnose hardware deviceinfo</code>	Show device information.
<code>execute ping</code>	Execute a PING command.
<code>execute reboot</code>	Reboot the system.
<code>execute shutdown</code>	Shut down the system.
<code>execute restore</code>	Restore the system.
<code>exit</code>	Exit the current session.



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