

[cheatsheet](#), [3ware](#), [twcli](#), [raid](#), [controller](#), [cli](#), [raidcontroller](#)

3Ware tw_cli Cheat Sheet

Sources

- https://www.sysadminslife.com/linux/howto-3ware-raid-status-anzeigen-und-festplatte-tauschen-mit-tw_cli/
- https://www.thomas-krenn.com/de/wiki/3Ware_CLI_Einf%C3%BChrung
- https://www.thomas-krenn.com/de/wiki/RAID_Status_abfragen#3ware
- [tw_cli man page](#) (local copy)
- https://getmoven.com/index.php/knowledgebase/43/tw_cli-3ware-Command-Line-Utility.html

where it actually is

```
/opt/3ware/CLI/tw_cli
```

HowTo

create RAID5 with disks 0-4

```
/c0 add type=raid5 disk=0-4
```

create RAID5 with disks 0-4, with name "data", "autoverify" set to "on", "Storesafe" set to "performance"

```
/c0 add type=raid5 disk=0-4 name=Data autoverify storsave=perform
```

add a hot spare to a controller (must have at least the same capacity as the biggest disk connected to the controller)

```
/cx add type=spare disk=x
```

show basic info about the controller, connected disks and BBU

```
/c0 show
```

display information about a specific unit

```
/c0/u0 show
```

display alarm messages

```
/c0 show alarms
```

prints diagnostic information and writes it to a file

```
tw_cli /c0 show diag > diag.txt
```

displays list of available commands

```
help
/c0 help
/c0/u0 help
quit
```

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