



Storage provisioning command lines

Snapdrive for Unix

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January 25, 2021

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Storage provisioning command lines

Some SnapDrive for UNIX commands are used for storage provisioning.

The following command-line options are used for storage-provisioning operations:

| Operation | Command-line option |
|-----------|---------------------|
| Create | |

| | |
|-------------------------|---|
| | <pre>[-igroup ig_name [ig_name ...]] [{ -reserve -noreserve }] [-devicetype {shared dedicated}]</pre> |
| <p>Operation</p> | <p>Command-line option</p> <pre>snapdrive storage create host_lvm_fspec -lun long_lun_name [lun_name ...] -lunsize size [-igroup ig_name [ig_name ...]] [{ -reserve -noreserve }]</pre> <p>You can use any one of the format for the <code>-file_spec</code> argument, depending on the type of storage you want to create. (Remember that <code>-dg</code> is a synonym for <code>-vg</code>, and <code>-hostvol</code> is a synonym for <code>-lvol</code>.)</p> <p>To create a file system directly on a LUN, use this format: <code>-fs file_spec [-nolvm -fs type] [-fsops options] [-mntopts options] [-vmttype type]</code></p> <p> To create a file system that uses a disk group or host volume, use this format: <code>-fs file_spec [-fstype type] [-fsops options] [-mntops options] [-hostvol file_spec] [-dg dg_name] [-vmttype type]</code></p> <p>To create a logical or host volume, use this format: <code>[-hostvol file_spec] [-dg dg_name] [-fstype type] [-vmttype type]</code></p> <p>To create a disk group, use this format: <code>-dg dg_name [-fstype type] [-vmttype type]</code></p> |

| Operation | Command-line option |
|------------|---|
| Connect | <pre>snapdrive storage connect -fs file_spec -nolvm -lun long_lun_name [-igroup ig_name [ig_name ...]] [-nopersist] [- mntopts options] [-devicetype {shared dedicated}][-fstype type] [-vmtype type]</pre> |
| | <pre>snapdrive storage connect -fs file_spec -hostvol file_spec -lun long_lun_name [lun_name ...] [-igroup ig_name [ig_name ...]][-nopersist] [-mntopts options] [- devicetype {shared dedicated}][[- fstype type] [-vmtype type]</pre> |
| | <pre>snapdrive storage connect -lun long_lun_name [lun_name ...][-igroup ig_name [ig_name ...]][-vmtype type]</pre> |
| | <pre>snapdrive storage connect -lun long_lun_name [lun_name...][-devicetype {shared dedicated}][-vmtype type]</pre> |
| | <pre>snapdrive storage connect -fs file_spec {-hostvol -lvol} file_spec -lun long_lun_name [lun_name...] [-devicetype {shared dedicated}] [-nopersist] [- mntopts options] [-fstype type] [- vmtype type]</pre> |
| Disconnect | <pre>snapdrive storage disconnect -lun long_lun_name [lun_name...] [-devicetype {shared dedicated}][-vmtype type]</pre> |
| | <pre>snapdrive storage disconnect {-vg -dg -fs -lvol -hostvol} file_spec [file_spec ...] [{-vg -dg -fs -lvol -hostvol} file_spec ...] ...] [-full] [- devicetype {shared dedicated}][[- fstype type] [-vmtype type]</pre> |
| Resize | <pre>snapdrive storage resize {-dg -vg} file_spec [file_spec ...]{-growby -growto} size [-addlun [-igroup ig_name [ig_name ...]]] [{ -reseserve -noreserve }] [-fstype type] [-vmtype type]</pre> |

| Operation | Command-line option |
|-----------|--|
| Show/List | <pre>snapdrive storage { show list } -filer filename [filename ...] [- verbose] [-quiet] [-capabilities]</pre> |
| | <pre>snapdrive storage { show list } -filervol long_filer_path [filer_path...] [-verbose] [-quiet] [-capabilities]</pre> |
| | <pre>snapdrive storage { show list } {-all device} [-devicetype {shared dedicated}] [-capabilities]</pre> |
| | <pre>snapdrive storage show [-verbose] {- filer filename [filename...] -filervol volname [volname...]} [- devicetype {shared dedicated}] [- capabilities]</pre> |
| | <pre>snapdrive storage { show list } -lun long_lun_name [lun_name ...] [-verbose] [-quiet] [-status] [-capabilities]</pre> |
| | <pre>snapdrive storage { show list } { -vg -dg -fs -lvol -hostvol } file_spec [file_spec ...] [{ -vg -dg -fs -lvol -hostvol } file_spec [file_spec ...]] [-verbose] [-quiet [- fstype type] [-vmttype type] [-status] [-capabilities]</pre> |
| | <pre>snapdrive storage { show list } { -filer filer_name [filer_name ...] -filervol long_filer_path [filer_path ...] } [-verbose] [-devicetype {shared dedicated}] [-capabilities] [-quiet]</pre> |
| | <pre>snapdrive storage { show list } -lun long_lun_name [lun_name ...] [-verbose] [-status] [-fstype type] [-vmttype type] [-capabilities] [-quiet]</pre> |

| Operation | Command-line option |
|-----------|--|
| Delete | <pre> snapdrive storage delete [-lun] long_lun_name [lun_name...] [-devicetype {shared dedicated}] [-fstype type] [- vmtype type] snapdrive storage delete [-vg -dg -fs -lvol -hostvol] file_spec [file_spec ...] [{-vg -dg -fs -lvol -hostvol} file_spec [file_spec ...] ...] [-full] [-devicetype {shared dedicated}]] [-fstype type] [-vmtype type] </pre> |

Related information

[Command-line arguments](#)

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