



Storage provisioning command lines

Snapdrive for Unix

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January 21, 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>-filervol long_filer_path -dgs size [-igroup ig_name [ig_name ...]] [{ -reserve -noreserve }]</pre>
<p>Operation</p>	<p>Command-line option</p> <pre>snapdrive storage create host_lvm_fspect -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] [-vmtype 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] [-vmtype type]</code></p> <p>To create a logical or host volume, use this format: <code>[-hostvol file_spec] [-dg dg_name] [-fstype type] [-vmtype type]</code></p> <p>To create a disk group, use this format: <code>-dg dg_name [-fstype type] [-vmtype type]</code></p>

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

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

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

Related information

[Command-line arguments](#)

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