



Estimating the storage space to split a volume clone

Snapdrive for Unix

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Estimating the storage space to split a volume clone

The clone split estimation helps you to estimate the required storage space (in MB) to split a volume clone. Depending on the clone split estimation provided by SnapDrive for UNIX, you can determine the space availability to split a volume clone.

Steps

1. Enter the following command to estimate the required storage space to split a volume clone.

```
snapdrive clone split estimate [-lun] long_lun_name [longlun_name...] | [{"-dg | -vg | -fs | -hostvol | -lvol} _file_spec [file_spec...]] | [-snapname long_snap_name] {"-volclone|-lunclone"} [-v | -verbose] [-dump | -dumpall]
```

This operation displays the following information:

- Resource name
- Container - Aggregate for a FlexClone
- Required Space - space required to split the volume clone
- Available space - space available on the container
- Storage Status - indicates the space availability for a volume clone split
- Owned Space - space occupied by the volume clone
- Shared space - space occupied by the volume clone along with the parent

The **Owned Space** and **Shared Space** is displayed when you use `-verbose` option.

The following example estimates the storage space to split a volume clone.

```
# snapdrive clone split estimate -fs /mnt/my_mnt1 -fs /mnt/my_mnt2
Resource      Container  Required Available  Storage
              Space (MB) Space (MB) Status
/mnt/my_mnt1  f3050-220  400        61500    AVAILABLE
              -111:aggr0
/mnt/my_mnt2  f3050-220  3292       1129     NOT AVAILABLE
              -112:aggr1
```

For every file specification, SnapDrive for UNIX determines the required space that is available in the storage system to split a volume clone. Here, the `/mnt/my_mnt1` file specification has the required space to split, and thus the storage status displays as **AVAILABLE**. Whereas, the `/mnt/my_mnt2` file specification does not have the required space to split, and so the storage status displays as **NOT AVAILABLE**.

The following is an example of using the `-verbose` option. Alternatively, you can use `-v` option.

```
# snapdrive clone split estimate -fs /mnt/my_mnt1 -verbose
Resource      Container Owned      Shared   Required Available Storage
              Space (MB) Space (MB) Space (MB) Space (MB) Status
/mnt/my_mnt1 f3050-220 32365   403      403      55875 AVAILABLE
              -111:aggr0
```

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