



Estimating the storage space using a Snapshot copy

Snapdrive for Unix

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Table of Contents

Estimating the storage space using a Snapshot copy 1

Estimating the storage space using a Snapshot copy

The clone split estimation helps you to estimate the required storage space (in MB) using a Snapshot copy, when there is no clone available for a Snapshot copy in the storage system.

Steps

1. Enter the following command to estimate the required storage space.

```
snapdrive clone split estimate -snapname [long_snap_name] {-volclone|-lunclone} [-v | -verbose]
```

The following example estimates the storage space to split a LUN clone using a Snapshot copy.

```
snapdrive clone split estimate -snapname f3050-220-112:/vol/vol_1:snap_1
-lunclone
Resource          Container  Required Available Storage
                  Space (MB) Space (MB) Status
f3050-220-112:   f3050-220  5120      14078   AVAILABLE
/vol/vol_1:snap_1 -112:/vol/vol_1
```

The following example estimates the storage space to split a LUN clone using a Snapshot copy with the `-fs` option.

```
# snapdrive clone split estimate -fs /mnt/my_mnt1 -snapname f3050-220-
112:/vol/vol_1:snap_1 -lunclone
Resource          Container  Required Available Storage
                  Space (MB) Space (MB) Status
f3050-220-112:   f3050-220  4120      14078   AVAILABLE
/vol/vol_1:snap_1 -112:/vol/vol_1
```

The following example estimates the storage space to split a volume clone using a Snapshot copy with the `-fs` option.

```
# snapdrive clone split estimate -fs /mnt/fs1 -snapname f3050-220-
112:/vol/vol_1:snap_1 -volclone
Resource          Container  Required Available Storage
                  Space (MB) Space (MB) Status
f3050-220-112:   f3050-220  54019     54517   AVAILABLE
/vol/vol10:snap_1 112:aggr0
```

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

```
# snapdrive clone split estimate -snapname f3050-220-112:/vol/vol_1:snap_1
-volclone
Resource          Container      Required Available Storage
                  Space (MB) Space (MB)  Status
f3050-220-112:   f3050-220  54019      54517      AVAILABLE
/vol/vol0:snap_1 112:aggr0
```



- The "Resource" field contains the Snapshot copy name, if the clone split estimate is done for a Snapshot copy.
- If you provide any dead file specification along with the Snapshot copy with `-lunclone` option, the "Required Space" shows as 0.
- The LUN clone split estimation using Snapshot is available only for Snapshot copies that are created from SnapDrive 4.2 for UNIX and later.

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