

Creating a Unique Partition ID with fdisk

Symptom

Message received:

Can not back up /dev/sdb partition since /dev/sda partition has the same identifier.

Cause

fdisk does not correctly write the partition ID when partitioning a disk.



Note

CDP requires all partitions to have a unique ID even if the partition has not been selected as a Device in the Disk Safe for replication.

Resolution

A unique partition ID must be created.



Warning

This is a dangerous operation. Make sure all data has been backed up before changing any partition information on your disk. A failure in changing partition data can make the machine unbootable.



Note

Some operating systems such as RHEL 5 and Centos use an older version of **fdisk** contained in the **util-linux** package, which does not include the ability to change the partition identifier. The **util-linux** package has been replaced in more updated operating systems with the **util-linux-ng** package. In these cases you would need to manually upgrade the **fdisk** utility.

```
# fdisk /dev/sdb (enter the correct disk identifier assigned by Linux)
fdisk> x (for advanced)
fdisk> i (for create partition id)
```

(Enter in an arbitrary number)
fdisk> w (to save and exit)

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Page: Creating a Unique Partition ID with fdisk (Knowledge Base) Labels: [partition_3](#), [fdisk_3](#)

Page: Creating a Unique Partition ID with fdisk (Knowledge Base) Labels: [partition_3](#), [fdisk_3](#)
