

Creating a Unique Partition ID with r1soft-partid

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 for backup.

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.

```
root@shell:~# /usr/sbin/r1soft/bin/r1soft-partid /dev/sda  
Current disk identifier: 239AF3B1  
New disk identifier: 39C82E8D
```