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
```