SCIENCE & TECHNOLOGY CLUB

Partitions
in Linux

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in Linux

- Logical unit created on a drive.
- Virtual memory.
- It does not depend on size of harddisk.

Partition Table

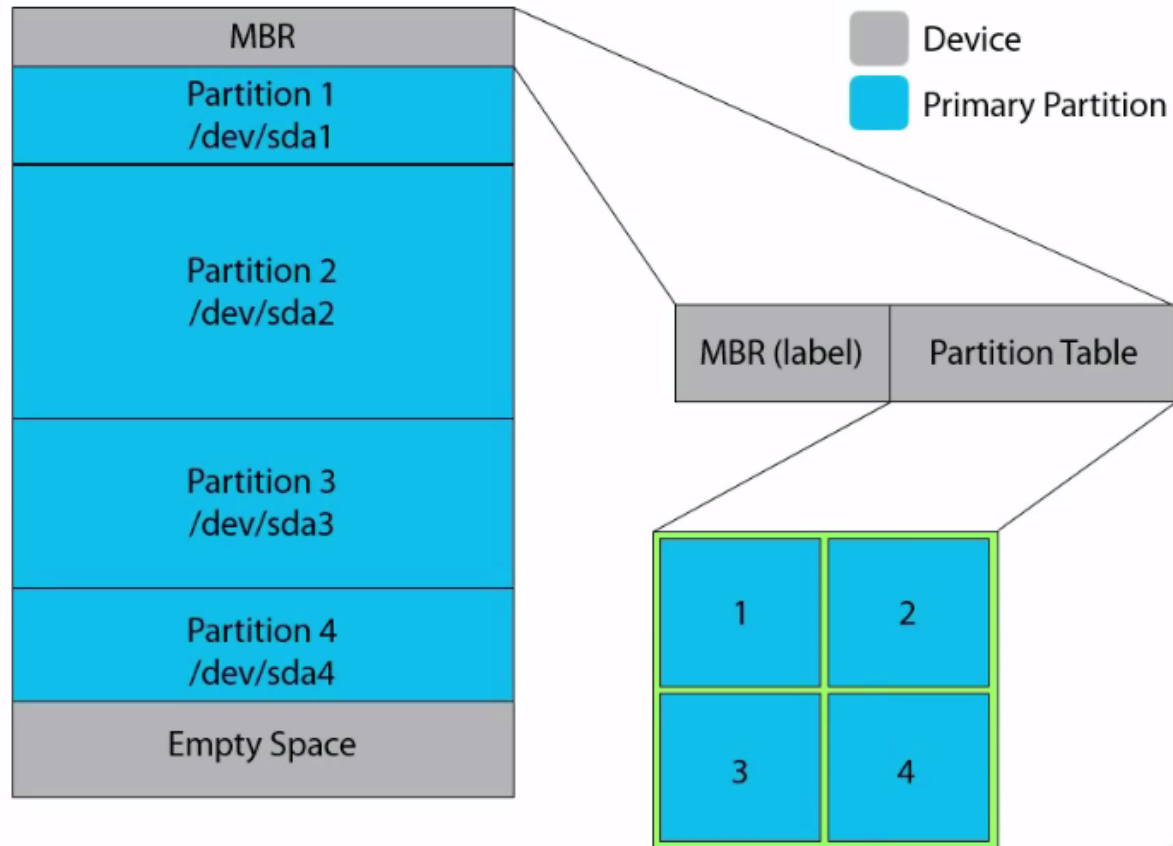Partition table are of 2 types :

MBR	GPT

MBR (Master Boot Record)

MBR partitions are divided into two categories

1. Primary
2. Logical

Number of partitions in MBR is 4 i.e. 3 primary and 1 extended.

MBR Partition Scheme

- Partition table size is 64 byte,
- 1 extended =60 logical partitions
- Limitations:
    Max 2Tb hard disk
    Max 4 partitions.

GPT (Guided Partition Table)

➢ To make more than 4 primary partitions we use gpt.

➢ Only primary partitions.

➢ No extended partition.

➢ Max 128 partitions by default.