

Comparison and Performance Analysis of Standard and LVM Based Disk Partitioning

Aswin Babu K

College of Engineering Trivandrum

16th September 2018

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- ▶ Partition utilities include fdisk, parted and diskutil

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Partition Table

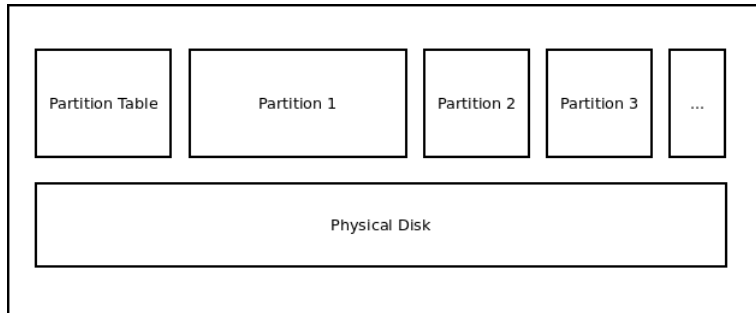


Figure 1: A typical partition table

Disadvantages of Standard Partition Model

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- ▶ Device Mapper acts as middle man between LVM and Linux

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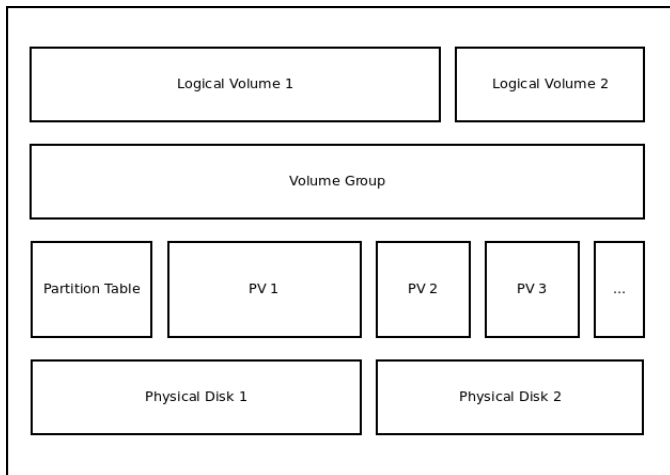


Figure 2: A typical LVM setup

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- ▶ Allows creating striped volume

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- ▶ LVM based machines takes around 20% more time to boot

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Source Code

https://github.com/karuvally/lvm_seminar.git