

What is the Creating Extend and Reuse LVM (Managing LVM Storage)

LVM (Logical Volume Manager) is a storage management technology used in Linux-based operating systems, including Ubuntu. It allows users to create, manage and modify logical volumes (LVs) within a pool of physical storage devices, called volume groups (VGs).

The main advantage of using LVM is its flexibility in managing storage space. It allows you to add or remove storage devices, resize LVs, and move LVs between VGs without the need to take the system offline. LVM also provides a layer of abstraction between the physical storage devices and the file systems, making it easier to manage and allocate storage resources.

To use LVM on Ubuntu, you need to install the LVM package. You can do this by opening a terminal and running the command:

- `sudo apt-get install lvm2`

After installing the LVM package, you can use various LVM commands to create volume groups, create logical volumes, resize logical volumes, and manage other LVM-related tasks.