Red Hat System Administration I

UNIT 14

Accessing Linux File Systems

Objectives

- **Identify the file system hierarchy.**
- **Access the contents of file systems.**
- **Use hard links and symlinks to make multiple names.**
- **Search for files on mounted file systems.**

Storage management concepts

- **/dev/xdx**

- **/dev/cdrom**

- **/dev/mapper**

Examining file systems

- **df -h|H**
- **du -sh|H**

Mounting file systems manually

- **blkid**
- **mount -o [options] device mountpoint**
- **umount device|mountpoint**
- **fuser -kvm device|mountpoint**
- **lsof   device|mountpoint**

Making Links Between Files

- **ls -i file**
- **hard links**
  - **ln file file**
- **soft links**
  - **ln -s file file**

Locating files by name with locate

- **locat passwd**
- **updatedb**

Searching for files with find

- **find -name**
- **find -user**
- **find -group**
- **find -o**
- **find -size**
- **find -perm**
- **find -exec**
- **find -m**
- **find -type**

That's all