

Enable Quota on RHEL/CentOS

Written by Friends

Wednesday, 14 May 2014 17:44 - Last Updated Wednesday, 14 May 2014 17:48

Quota is used for limiting the disk usage for users or groups.

```
###To verify that the quota is enabled in the kernel###  
#grep CONFIG_QUOTA /boot/config-`uname -r` CONFIG_QUOTA=y  
CONFIG_QUOTA_NETLINK_INTERFACE=y  
# CONFIG_QUOTA_DEBUG is not set  
CONFIG_QUOTA_TREE=y  
CONFIG_QUOTACTL=y  
[root@rajat rajat]# yum -y install quota
```

Create user :

```
#useradd rajat  
#passwd latar
```

Edit /etc/fstab :

From :

```
/dev/sda5 /home ext3 defaults 1 2
```

To :

```
/dev/sda5 /home ext3 defaults,usrquota,grpquota 1 2
```

Remount the disk (make sure it's not in use) :

```
#mount -o remount /home
```

Check if usrquota and grpquota are enabled :

```
#mount | grep /home
```

Create quota files :

```
#quotacheck -cvug /home
```

This creates /home/aquota.user and /home/aquota.group

Check quota :

```
#quotacheck -avug
```

Enable quota for user1 :

```
#edquota user1
```

Edit soft and hard limits (1000 = 1 MB) or inode values.

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<code>/usr/sbin/edquota</code>	<code>username</code>	Edit the quotas for a specific user.
<code>/usr/bin/quota</code>		Users can review the quotas set for them.
<code>/usr/sbin/repquota</code>		Generates a report of disk usage by users.
<code>/sbin/quotacheck</code>		Checks for quota usage
