CentOS 6.5下NFS安装配置记录

**一、环境介绍**  
   
　　NFS服务器：CentOS6.5 192.168.0.10  
　　NFS客户端：CentOS6.5 192.168.0.11  
   
**二、服务器端安装配置**  
   
1、先用rpm -qa命令查看所需安装包（nfs-utils、rpcbind）是否已经安装：

|  |  |
| --- | --- |
| 1  2  3  4  5  6 | [root@local /]# rpm -qa | grep "rpcbind"  rpcbind-0.2.0-11.el6.x86\_64  [root@local /]# rpm -qa | grep "nfs"  nfs-utils-1.2.3-39.el6.x86\_64  nfs4-acl-tools-0.3.3-6.el6.x86\_64  nfs-utils-lib-1.1.5-6.el6.x86\_64 |

2、如查询结果如上，说明服务器自身已经安装了NFS，如果没有安装，则用yum命令来安装：

|  |  |
| --- | --- |
| 1 | [root@local /]# yum -y install nfs-utils rpcbind |

3、创建共享目录：

|  |  |
| --- | --- |
| 1 | [root@local /]# mkdir /sharestore |

4、NFS共享文件路径配置：  
编辑/etc/exports添加下面一行，添加后保存退出。

|  |  |
| --- | --- |
| 1  2 | [root@local /]# vi /etc/exports  /sharestore \*(rw,sync,no\_root\_squash) |

5、启动NFS服务（先启动rpcbind，再启动nfs；如果服务器自身已经安装过NFS，那就用restart重启两个服务）：

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10 | [root@local /]# service rpcbind start  Starting rpcbind: [ OK ]  [root@local /]# service nfs start  Starting NFS services: [ OK ]  Starting NFS quotas: [ OK ]  Starting NFS mountd: [ OK ]  Stopping RPC idmapd: [ OK ]  Starting RPC idmapd: [ OK ]  Starting NFS daemon: [ OK ]  [root@local /]# |

6、设置NFS服务开机自启动：

|  |  |
| --- | --- |
| 1  2 | [root@local /]# chkconfig rpcbind on  [root@local /]# chkconfig nfs on |

**三、客户端挂载配置**  
   
1、创建一个挂载点：

|  |  |
| --- | --- |
| 1 | [root@localhost ~]# mkdir /mnt/store |

2、查看NFS服务器上的共享：

|  |  |
| --- | --- |
| 1  2  3 | [root@localhost /]# showmount -e 192.168.0.10  Export list for 192.168.0.10:  /sharestore \* |

3、挂载：

|  |  |
| --- | --- |
| 1 | [root@localhost ~]# mount -t nfs 192.168.0.10:/sharestore /mnt/store |

4、查看已挂载共享：

|  |  |
| --- | --- |
| 1  2  3  4  5  6  7  8  9  10  11  12 | [root@localhost ~]# mount  /dev/mapper/VolGroup-lv\_root on / type ext4 (rw)  proc on /proc type proc (rw)  sysfs on /sys type sysfs (rw)  devpts on /dev/pts type devpts (rw,gid=5,mode=620)  tmpfs on /dev/shm type tmpfs (rw)  /dev/sda1 on /boot type ext4 (rw)  /dev/mapper/VolGroup-lv\_home on /home type ext4 (rw)  none on /proc/sys/fs/binfmt\_misc type binfmt\_misc (rw)  sunrpc on /var/lib/nfs/rpc\_pipefs type rpc\_pipefs (rw)  nfsd on /proc/fs/nfsd type nfsd (rw)  192.168.0.10:/mailstore1/ on /mailstore\_new type nfs (rw,vers=4,addr=192.168.0.10,clientaddr=192.168.0.11) |