ssh service

openssh-client(ssh)   ssh user@ip   xshell/xftp

openssh-server(sshd)   service ssh/sshd

ftp service(linux)

1.vsftpd(vsftpd)   service vsftpd

ftp://user@ip   ftp ip   filezilla client

2./etc/vsftpd.conf

①local user

local_enable=YES   write_enable=YES   local_umask=022(dir:755 file:644)

user:/home/user

②anonymous/ftp user

anonymous_enable=YES   write_enable=YES   anon_upload_enable=YES

anon_mkdir_write_enable=YES   anon_other_write_enable=YES

anon_umask=077(dir:700 file:600)   anon_root=/anon

ftp:/var/ftp   chmod 755 anon   chmod 777 upload   anon_umask=022

ftp service(windows)

1.filezilla server

ftp://user@ip   ftp ip   filezilla client

2.filezilla server interface-edit

group/user   home_folder(aliases)+permission

user_name:anonymous

NFS service(linux)

1.rpcbind   nfs-utils(centos)   nfs-kernel-server(ubuntu)

2.service rpcbind   service nfs-kernel-server   service nfs

3./etc/exports   /share-folder   *(rw,sync,no_root_squash)

/usr/sbin/showmount   showmount -e ip/domain   showmount -a ip/domain

/usr/sbin/exportfs   exportfs -arv   exportfs -auv

mount -t nfs ip:/share-folder /mount-point   umount

CIFS service(linux)

1.samba   samba-client   samba-common

2./etc/samba/smb.conf

security=share(*nobody*)   client lanman auth=yes   client ntlmv2 auth=no

[share-name]   path=/share-folder   browseable=yes   writable=yes   guest ok=yes

/usr/bin/testparm   service smb   service nmb   smbclient -L //ip   smbstatus

\\ip or \\ip\share-name(windows)   mount -t cifs //ip/share-name /mount-point(linux)

chmod 755 share-folder   chmod 777 share-folder

proxy service

1.squid

2.service squid   /var/spool/squid   /etc/squid/squid.conf

acl acl-name src ip/netmask   acl acl-name srcdomain .domain   acl acl-name dst

ip/netmask   acl acl-name dstdomain .domain   http_access deny acl-name

http_access allow acl-name

VNC service

1.tigervnc-server   tigervnc   vnc4server   xvnc4viewer

realvnc-VNC   user+permission

2./usr/bin/vncserver   vncserver :num -geometry resolution   vncserver -kill :num

/usr/bin/vncpasswd   vncpasswd

/usr/bin/vncviewer   vncviewer ip:num

realvnc-VNC Viewer

e-mail service

1.mail system

mail server - mail-domain   account@mail-domain   password

dns server - MX record : mail-domain   host-domain   A record : host-domain

host-ip

send protocol - smtp   receive protocol - imap   pop3

mail client

2.postfix + dovecot

yum postfix   yum dovecot   service postfix   service dovecot

/usr/sbin/postfix   postfix check   /usr/sbin/postconf   postconf -n

/usr/sbin/dovecot   dovecot -n

/etc/postfix/main.cf - myhostname = host-domain myorigin = $myhostname(send) mydestination = $myhostname(receive) mynetworks = 192.168.1.0/24(rely) inet_interfaces = all inet_protocols = all

/etc/dovecot/dovecot.conf protocols = imap pop3

iscsi service

1.iscsi target

centos - scsi-target-utils ubuntu - iscsiarget

/etc/tgt/targets.conf (target-name+lun+device+account&password)

service tgtd

/usr/sbin/tgt-admin tgt-admin -show

2.iscsi initiator

centos - iscsi-initiator-utils ubuntu - open-iscsi

/etc/iscsi/iscsid.conf (account&password)

service iscsi /usr/sbin/iscsiadm

iscsiadm -m discovery -t sendtargets -p ip:port

iscsiadm -m node

iscsiadm -m node -T target-name --login/--logout

iscsiadm -m node -o delete -T target-name

route/nat/bridge server

1.interface - ip mask gateway dns dhcp

2.route table - destination genmask gateway interface metric

①0.0.0.0 0.0.0.0 (default route) ②192.168.67.0 255.255.255.0

3.command

windows - ipconfig route print route -p add destination genmask gateway metric num if interface route delete destination gateway

linux - route add -net destination netmask genmask gw gateway dev ethx route del -net destination netmask genmask

IIS/ftp

anonymous user/group - IUSR/users Everyone

dns server

zone - domain - a record   cname record   mx record   ptr record

vpn server + dhcp relay server

pppoe server

ssl(secure socker layer)

virtual desktop/virtual app