

# Network Information Service (YP/NIS) Port No. Random No.

Network information service (NIS) centrally manages authentication and identity information such as user and password.  
this was originally called Yellow Pages (YP) because of authentication lookups.

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# How to configure NIS server..??

=====

```
[root@server ~]# yum install ypserv -y           [install pkg]

[root@server ~]# nisdomainname nis.com           [set nis domain name]

[root@server ~]# vim /etc/sysconfig/network

[Add Line]

NISDOMAIN=nis.com                               [to add nis domain name]
YPSERV_ARGS="-p 841"                             [fix port]

:wq

[root@server ~]# service ypserv restart           [service restart]
[root@server ~]# service yppasswdd restart
[root@server ~]# service ypxfrd restart
[root@server ~]# rpcinfo -p                       [to show rpc port]

[root@server ~]# /usr/lib64/yp/ypinit -m          [to bind nis server]

type a <control D>.
```

Is this correct? [y/n: y] y

```
[root@server ~]# mkdir /rhome                   [create a home directory]
[root@server ~]# useradd -d /rhome/nis1 nis1     [create users and set password]
[root@server ~]# useradd -d /rhome/nis2 nis2
[root@server ~]# echo "redhat" | passwd --stdin nis1 [set password]
[root@server ~]# echo "redhat" | passwd --stdin nis2
[root@server ~]# make -C /var/yp                 [update NIS DB]
[root@server ~]# vim /etc/exports                 [share home directory via NFS]
```

add line

```
/rhome    192.168.0.0/24(rw, sync)
```

:wq

```
[root@server ~]# exportfs -ar
[root@server ~]# service nfs restart
[root@server ~]# chkconfig nfs on

[root@server ~]# vim /var/yp/securenets          [for security only allow this 192.168.0.0/24 network]
add line
```

```
255.255.255.0 192.168.0.0
```

:wq

```
[root@server ~]# service ypserv restart           [service restart]
[root@server ~]# service yppasswdd restart
[root@server ~]# service ypxfrd restart
[root@server ~]# chkconfig ypserv on
[root@server ~]# chkconfig yppassdd on
[root@server ~]# chkconfig ypfrd on
[root@server ~]# iptables -F
```

```
[root@server ~]# service iptables save
```

```
=====
Client Site:-
=====
```

```
# authconfig-tui
```

```
[*] Use NIS
```

```
Next
```

```
DOMAIN = nis.com
NIS SERVER = 192.168.0.10
```

```
Next
```

```
# ypcat passwd      [to show NIS Server User list]
```

```
# vim /etc/auto.master
```

```
/rhome      /etc/auto.misc
```

```
:wq
```

```
# vim /etc/auto.misc
```

```
go to last line
```

```
nis1      -rw      192.168.0.10:/rhome/nis1
*         -rw      192.168.0.10:/rhome/&
```

```
:wq
```

```
# service autofs restart
# chkconfig autofs on
```

```
# su - nis1
redhat
```

```
login successfully
```