

Date
25/09/21

Neeraj Appan 1013

Linux Practical - 8

| | |
|------|----------|
| SDS | Page No. |
| Date | |

* Aim. Configure NIS server in order to share users accounts in your local network configure NIS client to bind NIS server

* Description

Explain NIS.

NIS is a Remote procedure call (RPC)-based Client / Server system that allows a group of machines within an NIS domain to share a common set of configuration files. This permits a system administrator to set up NIS Client system with only minimal configuration data and to add, remove, or modify configuration data from single location.

* Steps 1) Install NIS - input domain name.
2) Configure as NIS master server - change (set NIS master server)
add own IP address for NIS
update NIS database
chk + D key - If don't want to add

Configure NIS Client - 1) Install NIS packages

2) Configure as a NIS Client
add to the end: (domain name) (server)
(NIS server hostname)

To test that the client can connect to centrally Network Information service, run one or more NIS Client request commands :-

commo y pwlich
y pwlich-m
ypcat-k map.name.

Linux Server Administration Prac... xUbuntu GNOME 16 xCentOS-77-64-minimal2 (guest) x

onworks.net/osessionx13/#/client/REVGQVVMVABjAGRiZmF1bHQ=?username=guest02&password=server0102

Apps Ubuntu GNOME 16

Machine View

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Terminal

onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ sudo apt-get -y install nis
[sudo] password for onworks:
Reading package lists... Done
Building dependency tree
Reading state information... Done
The following packages were automatically installed and are no longer required:
linux-headers-4.15.0-45 linux-headers-4.15.0-45-generic
linux-image-4.15.0-45-generic linux-modules-4.15.0-45-generic
linux-modules-extra-4.15.0-45-generic
Use 'sudo apt autoremove' to remove them.
The following additional packages will be installed:
libslp1 libtirpc1 rpcbind
Suggested packages:
slpd openslp-doc nscd
The following NEW packages will be installed:
libslp1 libtirpc1 nis rpcbind
0 upgraded, 4 newly installed, 0 to remove and 395 not upgraded.
Need to get 322 kB of archives.
After this operation, 1.066 kB of additional disk space will be used.
Get:1 http://de.archive.ubuntu.com/ubuntu xenial-updates/main i386 libslp1 i386
1.2.1-1iubuntu0.10.04.2 [43,4 kB]
Get:2 http://de.archive.ubuntu.com/ubuntu xenial-updates/main i386 libtirpc1 i386
0.2.5-1iubuntu0.1 [82,1 kB]
Get:3 http://de.archive.ubuntu.com/ubuntu xenial-updates/main i386 rpcbind i386

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Linux Server Administration Prac...Ubuntu GNOME 16CentOS-77-64-minimal2 (guestl...+onworks.net/osessionx13/#/client/REVGVVMVABjAGRIzmF1bHQ=?username=guest02&password=server0102

AppsUbuntu GNOME 16

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onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~

Reading package lists... Done
Building dependency tree
Reading state information... Done
nls is already the newest version (3.17-34ubuntu3).
The following packages were automatically installed and are no longer required:
linux-headers-4.15.0-45 linux-headers-4.15.0-45-generic linux-image-4.15.0-45-generic
linux-modules-4.15.0-45-generic linux-modules-extra-4.15.0-45-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 395 not upgraded.
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo apt-get -y install nls
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Building dependency tree
Reading state information... Done
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The following packages were automatically installed and are no longer required:
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linux-modules-4.15.0-45-generic linux-modules-extra-4.15.0-45-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 395 not upgraded.
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /etc/yp.conf
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sysytenctl restart rpcbind nls
No command 'sysytenctl' found, did you mean:
Command 'systemctl' from package 'systemd' (main)
systemctl: command not found
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sytenctl restart rpcbind nls
No command 'sytenctl' found, did you mean:
Command 'systemctl' from package 'systemd' (main)
sytenctl: command not found
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sysytenctl restart rpcbind nls

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onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~
Command 'sudo' from package 'sudo-ldap' (universe)
Command 'sfdp' from package 'graphviz' (main)
sudp: command not found
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo apt-get -y install nls
Reading package lists... Done
Building dependency tree
Reading state information... Done
nls is already the newest version (3.17-34ubuntu3).
The following packages were automatically installed and are no longer required:
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linux-modules-4.15.0-45-generic linux-modules-extra-4.15.0-45-generic
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onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo apt-get -y install nls
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linux-modules-4.15.0-45-generic linux-modules-extra-4.15.0-45-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 395 not upgraded.
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /etc/yp.conf
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /etc/nsswitch.conf
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sysytemctl restart rpcbind nls
No command 'sysytemctl' found, did you mean:
Command 'systemctl' from package 'systemd' (main)
sysytemctl: command not found
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ bytemctl restart rpcbind nls

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onworks.net/osessionx13/#/client/REVGQVVMVABjAGRiZmF1bHQ=?username=guest02&password=server0102

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onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

Package configuration

Configuring nls

Please choose the NIS "domainname" for this system. If you want this machine to just be a client, you should enter the name of the NIS domain you wish to join.

Alternatively, if this machine is to be a NIS server, you can either enter a new NIS "domainname" or the name of an existing NIS domain.

NIS domain:

cs.example.com

<Ok>

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The screenshot displays a virtual machine environment with a terminal window open. The terminal shows the nano text editor editing the file `/etc/nsswitch.conf`. The configuration content is as follows:

```

# /etc/nsswitch.conf
#
# Example configuration of GNU Name Service Switch functionality.
# If you have the 'glibc-doc-reference' and 'info' packages installed, try:
# 'info libc "Name Service Switch"' for information about this file.

passwd:         compat nis
group:          compat nis
shadow:        compat nis
gshadow:       files

hosts:          files mdns4_minimal [NOTFOUND=return] dns nis
networks:       files

protocols:     db files
services:      db files
ethers:        db files
rpc:           db files

netgroup:      nis

```

The environment includes a top bar with browser tabs (Linux Server Administration, Ubuntu Gnome 16, CentOS-77-64-minimalk2), a top navigation bar with `onworks.net`, and sidebars with AWS Certification Course information and a file manager. The bottom status bar shows system icons and a search bar.

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onworks.net/osessionx13/#/client/REVQQVVMVABjAGRIzmF1bHQ=?username=guest02&password=server0102

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onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

GNU nano 2.5.3 File: /etc/nsswitch.conf

/etc/nsswitch.conf

Example configuration of GNU Name Service Switch functionality.

If you have the 'glibc-doc-reference' and 'info' packages installed, try:

'info libc "Name Service Switch"' for information about this file.

passwd: compat

group: compat

shadow: compat

gshadow: files

hosts: files mdns4_minimal [NOTFOUND=return] dns

networks: files

protocols: db files

services: db files

ethers: db files

rpc: db files

netgroup: nis

Get Help

Exit

Write Out

Read File

Where Is

Replace

Read 20 lines

Cut Text

Uncut Text

Justify

To Spell

Cur Pos

Go To Line

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onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~

Now you can run ypininit -s onworks-Standard-PC-l440FX-PIIX-1996 on all slave server.

onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo apt-get -y install nis

No command 'sudp' found, did you mean:

Command 'sup' from package 'sup' (universe)

Command 'sudo' from package 'sudo' (main)

Command 'sudo' from package 'sudo-ldap' (universe)

Command 'sfdp' from package 'graphviz' (main)

sudp: command not found

onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo apt-get -y install nis

Reading package lists... Done

Building dependency tree

Reading state information... Done

nis is already the newest version (3.17-34ubuntu3).

The following packages were automatically installed and are no longer required:

linux-headers-4.15.0-45 linux-headers-4.15.0-45-generic linux-image-4.15.0-45-generic

linux-modules-4.15.0-45-generic linux-modules-extra-4.15.0-45-generic

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 395 not upgraded.

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Building dependency tree

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linux-modules-4.15.0-45-generic linux-modules-extra-4.15.0-45-generic

Use 'sudo apt autoremove' to remove them.

0 upgraded, 0 newly installed, 0 to remove and 395 not upgraded.

onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /etc/yp.conf

onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /etc/nsswitch.conf

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onworks.net/osessionx13/#/client/REVGQVVMVABjAGRiZmF1bHQ=?username=guest02&password=server0102

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onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

GNU nano 2.5.3File: /etc/yp.confModified

yp.conf Configuration file for the ypbind process. You can define NIS servers manually here if they can't be found by broadcasting on the local net (which is the default). See the manual page of ypbind for the syntax of this file.

IMPORTANT: For the "ypserver", use IP addresses, or make sure that the host is in /etc/hosts. This file is only interpreted once, and if DNS isn't reachable yet the ypserver cannot be resolved and ypbind won't ever bind to the server.

ypserver ypserver.network.com

domain example.com server cs.example.com

I

Get Help

Write Out

Where Is

Cut Text

Justify

Cur Pos

Exit

Read File

Replace

Uncut Text

To Spell

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onworks.net/osessionx13/#/client/REVGQVVMVABjAGRiZmF1bHQ=?username=guest02&password=server0102

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Terminal

onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~

GNU nano 2.5.3File: /etc/yp.conf

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IMPORTANT: For the "ypserver", use IP addresses, or make sure that the host is in /etc/hosts. This file is only interpreted once, and if DNS isn't reachable yet the ypserver cannot be resolved and ypbind won't ever bind to the server.

ypserver ypserver.network.com

Read 13 lines

Get Help Write Out Where Is Cut Text Justify Cur Pos
Exit Read File Replace Uncut Text To Spell Go To Line

Type here to search

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Linux Server Administration Prac... xUbuntu Gnome 16 xCentOS-77-64-minimal2 (guest) x

onworks.net/osessionx13/#/client/REVGQVVMVABjAGRIzmF1bHQ=?username=guest02&password=server0102

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Terminal

onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~

Updating netid.byname...
Updating protocols.byname...
Updating protocols.byname...
Updating netgroup...
Updating netgroup.byhost...
Updating netgroup.byuser...
Updating shadow.byname... Ignored -> merged with passwd
make[1]: Leaving directory '/var/yp/cs.example.com'

onworks-Standard-PC-i440FX-PIIX-1996 has been set up as a NIS master server.

Now you can run ypserv -s onworks-Standard-PC-i440FX-PIIX-1996 on all slave server.

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo apt-get -y install nis

No command 'sudp' found, did you mean:
Command 'sup' from package 'sup' (universe)
Command 'sudo' from package 'sudo' (main)
Command 'sudo' from package 'sudo-ldap' (universe)
Command 'sfdp' from package 'graphviz' (main)
sudp: command not found

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo apt-get -y install nis

Reading package lists... Done
Building dependency tree
Reading state information... Done
nis is already the newest version (3.17-34ubuntu3).
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linux-modules-4.15.0-45-generic linux-modules-extra-4.15.0-45-generic
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 395 not upgraded.

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$

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Linux Server Administration Prac...

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onworks.net/sessionx13/#/client/REVGQVVMVABjAGRIzmF1bHQ=?username=guest02&password=server0102

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onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~

onworks-Standard-PC-i440FX-PIIX-1996

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

We need a few minutes to build the databases...

Building /var/yp/cs.example.com/ypservers...

Running /var/yp/Makefile...

make[1]: Entering directory '/var/yp/cs.example.com'

Updating passwd.byname...

Updating passwd.byuid...

Updating group.byname...

Updating group.bygid...

Updating hosts.byname...

Updating hosts.byaddr...

Updating rpc.byname...

Updating rpc.bynumber...

Updating services.byname...

Updating services.byservicename...

Updating netid.byname...

Updating protocols.bynumber...

Updating protocols.byname...

Updating netgroup...

Updating netgroup.byhost...

Updating netgroup.byuser...

Updating shadow.byname... Ignored -> merged with passwd

make[1]: Leaving directory '/var/yp/cs.example.com'

onworks-Standard-PC-i440FX-PIIX-1996 has been set up as a NIS master server.

Now you can run ypinit -s onworks-Standard-PC-i440FX-PIIX-1996 on all slave server.

onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$

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onworks.net/osessionx13/#/client/REVGQVVMVABjAGRIzmF1bHQ=?username=guest02&password=server0102

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Terminal

onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~
Setting up libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Setting up libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Setting up rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Setting up nis (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo nano /etc/ypserv.securenets
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo nano /var/yp/Makefile
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo nano /etc/hosts
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ systemctl restart nis
Failed to restart nis.service: Connection timed out
See system logs and 'systemctl status nis.service' for details.
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ systemctl restart nis
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo /usr/lib/yp/ypinit -m

At this point, we have to construct a list of the hosts which will run NIS servers. onworks-Standard-PC-i440FX-PIIX-1996 is in the list of NIS server hosts. Please continue to add the names for the other hosts, one per line. When you are done with the list, type a <control D>.
next host to add: onworks-Standard-PC-i440FX-PIIX-1996
next host to add:
The current list of NIS servers looks like this:
onworks-Standard-PC-i440FX-PIIX-1996
Is this correct? [y/n: y] y

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ENG

16:42

25-09-2021

Linux Server Administration Prac... xUbuntu GNOME 16 xCentOS-77-64-minimal2 (guest) x

onworks.net/osessionx13/#/client/REVQVVMVABjAGRiZmF1bHQ=?username=guest02&password=server0102

AppsUbuntu GNOME 16

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Terminal

onworks@onworks-Standard-PC-i440FX-PIIX-1996: ~

Unpacking nis (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
Setting up libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Setting up libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Setting up rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Setting up nis (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo nano /etc/ypserv.securenets
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo nano /var/yp/Makefile
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo nano /etc/hosts
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ systemctl restart nis
Failed to restart nis.service: Connection timed out
See system logs and 'systemctl status nis.service' for details.
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ systemctl restart nis
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$
onworks@onworks-Standard-PC-i440FX-PIIX-1996:~\$ sudo /usr/lib/yp/ypinit -m

At this point, we have to construct a list of the hosts which will run NIS servers. onworks-Standard-PC-i440FX-PIIX-1996 is in the list of NIS server hosts. Please continue to add the names for the other hosts, one per line. When you are done with the list, type a <control D>.
next host to add: onworks-Standard-PC-i440FX-PIIX-1996
next host to add:

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Authenticate

onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

Preconfiguring packages ...

Selecting previously unselected package libslp1:~386.

(Reading database ... 248087 files and directories currently installed.)

Preparing to unpack .../libslp1_1.2.1-1ubuntu0.16.04.2_~386.deb ...

Unpacking libslp1:~386 (1.2.1-1ubuntu0.16.04.2) ...

Selecting previously unselected package libtirpc1:~386.

Preparing to unpack .../libtirpc1_0.2.5-1ubuntu0.1_~386.deb ...

Unpacking libtirpc1:~386 (0.2.5-1ubuntu0.1) ...

Selecting previous

Preparing to unpack

Unpacking rpcbind

Selecting previous

Preparing to unpack

Unpacking nis (3.1

Processing trigger

Processing trigger

Processing trigger

Setting up libslp1

Setting up libtirp

Setting up rpcbind

Setting up nis (3.

Processing triggers for libc-bin (2.23-0ubuntu1) ...

Processing triggers for systemd (229-4ubuntu21.21) ...

Processing triggers for ureadahead (0.100.0-19) ...

onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ sudo nano /etc/ypserv.securenets

onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ sudo nano /var/yp/Makefile

onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ sudo nano /etc/hosts

onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ systemctl restart nis

Authenticate

Authentication is required to restart 'nis.service'.

An application is attempting to perform an action that requires privileges. Authentication is required to perform this action.

Password:

CancelAuthenticate

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onworks.net/osessionx13/#/client/REVGQVVMVABjAGRiZmF1bHQ=?username=guest02&password=server0102

AppsUbuntu GNOME 16

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Terminal

onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

GNU nano 2.5.3File: /etc/hostsModified

127.0.0.1localhost

127.0.1.1onworks-Standard-PC-I440FX-PIIX-1996

192.168.173.132cs.example.com

The following lines are desirable for IPv6 capable hosts

:::1ip6-localhost ip6-loopback

fe00::0ip6-localnet

ff00::0ip6-mcastprefix

ff02::1ip6-allnodes

ff02::2ip6-allrouters

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CentOS-77-64-minimal2 (guest)

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Terminal

onworks@onworks-Standard-PC-l440FX-PIIX-1996: ~

Get:4 http://de.archive.ubuntu.com/ubuntu xenial/universe i386 nis i386 3.17-34ubuntu3 [155 kB]
Fetched 322 kB in 0s (1.607 kB/s)
Preconfiguring packages ...
Selecting previously unselected package libslp1:i386.
(Reading database ... 248087 files and directories currently installed.)
Preparing to unpack .../libslp1_1.2.1-1ubuntu0.16.04.2_i386.deb ...
Unpacking libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Selecting previously unselected package libtirpc1:i386.
Preparing to unpack .../libtirpc1_0.2.5-1ubuntu0.1_i386.deb ...
Unpacking libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Selecting previously unselected package rpcbind.
Preparing to unpack .../rpcbind_0.2.3-0.2ubuntu0.16.04.1_i386.deb ...
Unpacking rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Selecting previously unselected package nis.
Preparing to unpack .../nis_3.17-34ubuntu3_i386.deb ...
Unpacking nis (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu1) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
Setting up libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Setting up libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Setting up rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Setting up nis (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu1) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /etc/ypserv.securenets
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /var/yp/Makefile
onworks@onworks-Standard-PC-l440FX-PIIX-1996:~\$ sudo nano /etc/hosts

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Linux Server Administration Prac...

Ubuntu Gnome 16

CentOS-77-64-minimal2 (guest)

onworks.net/osessionx13/#/client/REVGQVVMVABjAGRiZmF1bHQ=?username=guest02&password=server0102

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onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

GNU nano 2.5.3File: /var/yp/MakefileModified

Similarly, we also define a MAXUID and MAXGID specifying the maximum
user ID and group ID which will be exported.
MAXUID 4294967295
MAXGID 4294967295

Don't export this uid/guid (nfsnobody).
Set to 0 if you want to
NFSNOBODYUID 65534
NFSNOBODYGID 65534

Should we merge the passwd file with the shadow file ?
MERGE_PASSWD=true|false
MERGE_PASSWD true

Should we merge the group file with the gshadow file ?
MERGE_GROUP=true|false
MERGE_GROUP true

These are commands which this Makefile needs to properly rebuild the
NIS databases. Don't change these unless you have a good reason.
AWK = /usr/bin/awk
MAKE = /usr/bin/make
UMASK = umask 006

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onworks.net/osessionx13/#/client/REVGVVMVABjAGRIzmF1bHQ=?username=guest02&password=server0102

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Terminal

onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

.16.04.1 [41.7 kB]
Get:4 http://de.archive.ubuntu.com/ubuntu xenial/universe i386 nis i386 3.17-34ubuntu3 [155 kB]
Fetched 322 kB in 0s (1.607 kB/s)
Preconfiguring packages ...
Selecting previously unselected package libslp1:i386.
(Reading database ... 248087 files and directories currently installed.)
Preparing to unpack .../libslp1_1.2.1-1ubuntu0.16.04.2_i386.deb ...
Unpacking libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Selecting previously unselected package libtirpc1:i386.
Preparing to unpack .../libtirpc1_0.2.5-1ubuntu0.1_i386.deb ...
Unpacking libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Selecting previously unselected package rpcbind.
Preparing to unpack .../rpcbind_0.2.3-0.2ubuntu0.16.04.1_i386.deb ...
Unpacking rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Selecting previously unselected package nis.
Preparing to unpack .../nis_3.17-34ubuntu3_i386.deb ...
Unpacking nis (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
Setting up libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Setting up libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Setting up rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Setting up nis (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ sudo nano /etc/ypserv.securenets
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ sudo nano /var/yp/Makefile

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Terminal

onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

GNU nano 2.5.3 File: /etc/ypserv.securenets Modified

This file defines the access rights to your NIS server
for NIS clients (and slave servers - ypxfrd uses this
file too). This file contains netmask/network pairs.
A clients IP address needs to match with at least one
of those.

One can use the word "host" instead of a netmask of
255.255.255.255. Only IP addresses are allowed in this
file, not hostnames.

Always allow access for localhost
255.0.0.0 127.0.0.0

This line gives access to everybody. PLEASE ADJUST!
#0.0.0.0 0.0.0.0
255.255.255.0 10.0.2.15

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Terminal

onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

Preparing to unpack .../libslp1_1.2.1-1ubuntu0.16.04.2_i386.deb ...
Unpacking libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Selecting previously unselected package libtirpc1:i386.
Preparing to unpack .../libtirpc1_0.2.5-1ubuntu0.1_i386.deb ...
Unpacking libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Selecting previously unselected package rpcbind.
Preparing to unpack .../rpcbind_0.2.3-0.2ubuntu0.16.04.1_i386.deb ...
Unpacking rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Selecting previously unselected package nls.
Preparing to unpack .../nls_3.17-34ubuntu3_i386.deb ...
Unpacking nls (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for man-db (2.7.5-1) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
Setting up libslp1:i386 (1.2.1-1ubuntu0.16.04.2) ...
Setting up libtirpc1:i386 (0.2.5-1ubuntu0.1) ...
Setting up rpcbind (0.2.3-0.2ubuntu0.16.04.1) ...
Setting up nls (3.17-34ubuntu3) ...
Processing triggers for libc-bin (2.23-0ubuntu11) ...
Processing triggers for systemd (229-4ubuntu21.21) ...
Processing triggers for ureadahead (0.100.0-19) ...
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$ sudo nano /etc/default/nls
onworks@onworks-Standard-PC-I440FX-PIIX-1996:~\$

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Terminal

onworks@onworks-Standard-PC-I440FX-PIIX-1996: ~

GNU nano 2.5.3 File: /etc/default/nis Modified

/etc/default/nis Configuration settings for the NIS daemons.

Are we a NIS server and if so what kind (values: false, slave, master)?
NISSERVER=master
Are we a NIS client?
NISCLIENT=true
Location of the master NIS password file (for yppasswdd).
If you change this make sure it matches with /var/yp/Makefile.
YPPWDDIR=/etc
Do we allow the user to use ypchsh and/or ypchfn ? The YPCHANGEOK
fields are passed with -e to yppasswdd, see it's manpage.
Possible values: "chsh", "chfn", "chsh,chfn"
YPCHANGEOK=chsh

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