

Manage the Network

Bridging NetWare Skills to Novell Open Enterprise Server for Linux
Module 6



Novell.

Objectives

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- Configure Network Boards
- Manage Network Boards
- Configure IP Addresses
- Determine Network Connectivity
- View Active Network Connections
- Display Network Routes
- Command Line Utilities

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Configure Network Boards

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NetWare

- Configured using INETCFG or NRM
- Display IP Configuration
 - config
 - ipconfig

Linux

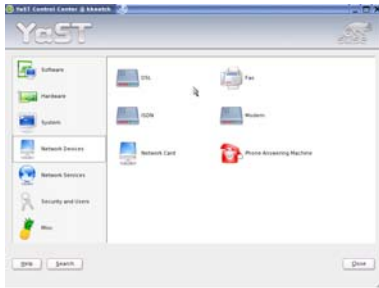
- Configured using YaST
- Display IP Configuration
 - ifconfig
 - ip address show

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Configure Network Boards in YaST

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- YaST is used to configure the network devices on the server.



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Manage Network Boards

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NetWare

- Configured in INETCFG or autoexec.ncf
- load / bind
- unload / unbind
- hdetect.nlm

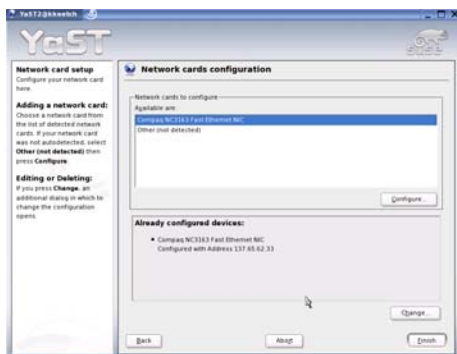
Linux

- Configured using YaST
 - > stored in /etc/sysconfig/network
- /etc/init.d/network
 - > Activates all network boards
 - > Automatically starts in runlevel 2,3,5
- ifup eth0
 - > activates first ethernet board
- ifdown eth0
 - > deactivates first ethernet board

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Manage Network Boards in YaST

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Configure IP Addresses

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NetWare

- Novell Remote Manager (NRM)
- See TID10088753 on support.novell.com

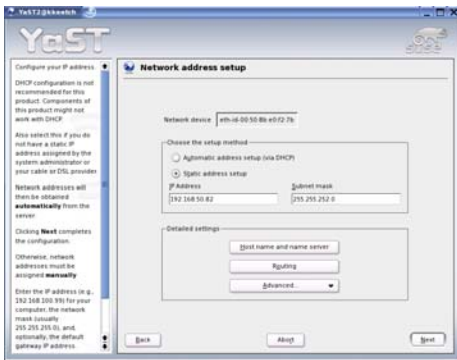
Linux

- YaST
- See TID10097192 on support.novell.com

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Configure IP Addresses in YaST

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Determine Network Connectivity

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NetWare

- ping
- tping
- output is displayed on the logger screen

Linux

- ping
- Press CTRL-C to stop
- -c# will send # pings
- For example ping -c5 host will send 5 ping (ICMP) requests

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View Active Network Connections



NetWare

- netstat.nlm

Linux

- netstat
 - › Displays a list of active ports/connections to the server
- netstat -r
 - › View IP routing table

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Display Network Routes



NetWare

- iptrace.nlm

Linux

- traceroute
 - › checks routing between different networks

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Command Line Utilities



NetWare

- arp.nlm
- ifconfig.nlm
- netstat.nlm
- nwping.nlm, ping.nlm
- nwtrace.nlm, iptrace.nlm
- routecon.nlm
- whois.nlm

Linux

- arp
- ifconfig
- netstat
- ping
- traceroute
- YaST
- dig

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