

```
pixfirewall#  
pixfirewall#  
pixfirewall#  
pixfirewall# q
```

Logoff

Type help or '?' for a list of available commands.

```
pixfirewall>  
pixfirewall>  
pixfirewall>  
pixfirewall>  
pixfirewall>  
pixfirewall>  
pixfirewall>  
pixfirewall> enable  
Password:  
pixfirewall#  
pixfirewall#  
pixfirewall#  
pixfirewall# sh run  
: Saved  
:  
PIX Version 6.3(3)  
interface ethernet0 auto shutdown  
interface ethernet1 100full shutdown  
nameif ethernet0 outside security0  
nameif ethernet1 inside security100  
enable password 8Ry2Yjlyt7RRXU24 encrypted  
passwd 2KFQnbNIdl.2KYOU encrypted  
hostname pixfirewall  
fixup protocol dns maximum-length 512  
fixup protocol ftp 21  
fixup protocol h323 h225 1720  
fixup protocol h323 ras 1718-1719  
fixup protocol http 80  
fixup protocol rsh 514  
fixup protocol rtsp 554  
fixup protocol sip 5060  
fixup protocol sip udp 5060  
fixup protocol skinny 2000  
fixup protocol smtp 25  
fixup protocol sqlnet 1521  
fixup protocol tftp 69  
names  
pager lines 24  
mtu outside 1500  
mtu inside 1500  
no ip address outside  
no ip address inside  
ip audit info action alarm  
ip audit attack action alarm  
pdm history enable  
arp timeout 14400  
timeout xlate 3:00:00
```

pix15giu2009.log

```
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
snmp-server community public
no snmp-server enable traps
floodguard enable
telnet timeout 5
ssh timeout 5
console timeout 0
terminal width 80
Cryptochecksum:d41d8cd98f00b204e9800998ecf8427e
: end
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto shutdown
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
```

```
mtu outside 1500
mtu inside 1500
no ip address outside
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
pixfirewall#
pixfirewall#
pixfirewall# ip address outside 137.204.58.43 255.255.255.0
Type help or '?' for a list of available commands.
pixfirewall# conf t
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# ip address outside 137.204.58.43 255.255.255.0
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto shutdown
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
mtu outside 1500
mtu inside 1500
```

```
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# exit
pixfirewall# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto shutdown
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
```

```
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
snmp-server community public
no snmp-server enable traps
floodguard enable
telnet timeout 5
ssh timeout 5
console timeout 0
terminal width 80
Cryptochecksum:d41d8cd98f00b204e9800998ecf8427e
: end
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall#
pixfirewall# conf t
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto shutdown
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
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fixup protocol sip 5060
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fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
```

pix15giu2009.log

```
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
pixfirewall(config)# ping 151.1.1.1
No route to host 151.1.1.1.
Usage: ping [if_name] <host>
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto shutdown
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
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fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
pixfirewall(config)# ping 137.204.58.254
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh route
    outside 137.204.58.0 255.255.255.0 137.204.58.43 1 CONNECT static
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto shutdown
```

```
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# interface ethernet0 100full
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 100full
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
mtu outside 1500
mtu inside 1500
```

```
pixfirewall(config)# sh interf
interface ethernet0 "outside" is up, line protocol is up
  Hardware is i82559 ethernet, address is 0012.daf1.4e25
  IP address 137.204.58.43, subnet mask 255.255.255.0
  MTU 1500 bytes, BW 100000 Kbit full duplex
    98 packets input, 5880 bytes, 0 no buffer
    Received 98 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collisions, 0 deferred
    0 lost carrier, 0 no carrier
    input queue (curr/max blocks): hardware (128/128) software (0/1)
    output queue (curr/max blocks): hardware (0/0) software (0/0)
interface ethernet1 "inside" is administratively down, line protocol is up
  Hardware is i82559 ethernet, address is 0012.daf1.4e26
  MTU 1500 bytes, BW 100000 Kbit full duplex
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collisions, 0 deferred
    0 lost carrier, 0 no carrier
    input queue (curr/max blocks): hardware (128/128) software (0/0)
    output queue (curr/max blocks): hardware (0/0) software (0/0)
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh interf
interface ethernet0 "outside" is up, line protocol is up
  Hardware is i82559 ethernet, address is 0012.daf1.4e25
  IP address 137.204.58.43, subnet mask 255.255.255.0
  MTU 1500 bytes, BW 100000 Kbit full duplex
    113 packets input, 6780 bytes, 0 no buffer
    Received 113 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collisions, 0 deferred
    0 lost carrier, 0 no carrier
    input queue (curr/max blocks): hardware (128/128) software (0/1)
    output queue (curr/max blocks): hardware (0/0) software (0/0)
interface ethernet1 "inside" is administratively down, line protocol is up
  Hardware is i82559 ethernet, address is 0012.daf1.4e26
  MTU 1500 bytes, BW 100000 Kbit full duplex
    0 packets input, 0 bytes, 0 no buffer
    Received 0 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    0 packets output, 0 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collisions, 0 deferred
    0 lost carrier, 0 no carrier
```


pix15giu2009.log

input queue (curr/max blocks): hardware (128/128) software (0/0)

pixfirewall(config)# sh interf

interface ethernet0 "outside" is up, line protocol is down

Hardware is i82559 ethernet, address is 0012.daf1.4e25

IP address 137.204.58.43, subnet mask 255.255.255.0

MTU 1500 bytes, BW 100000 Kbit full duplex

117 packets input, 7020 bytes, 0 no buffer

Received 117 broadcasts, 0 runts, 0 giants

0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort

0 packets output, 0 bytes, 0 underruns

0 output errors, 0 collisions, 0 interface resets

0 babbles, 0 late collisions, 0 deferred

0 lost carrier, 0 no carrier

input queue (curr/max blocks): hardware (128/128) software (0/1)

output queue (curr/max blocks): hardware (0/0) software (0/0)

interface ethernet1 "inside" is administratively down, line protocol is up

Hardware is i82559 ethernet, address is 0012.daf1.4e26

MTU 1500 bytes, BW 100000 Kbit full duplex

0 packets input, 0 bytes, 0 no buffer

Received 0 broadcasts, 0 runts, 0 giants

0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort

0 packets output, 0 bytes, 0 underruns

0 output errors, 0 collisions, 0 interface resets

0 babbles, 0 late collisions, 0 deferred

0 lost carrier, 0 no carrier

input queue (curr/max blocks): hardware (128/128) software (0/0)

pixfirewall(config)# sh log

Syslog logging: disabled

Facility: 20

Timestamp logging: disabled

Standby logging: disabled

Console logging: disabled

Monitor logging: disabled

Buffer logging: disabled

Trap logging: disabled

History logging: disabled

Device ID: disabled

pixfirewall(config)#

pixfirewall(config)# sh log

Syslog logging: disabled

Facility: 20

Timestamp logging: disabled

Standby logging: disabled

Console logging: disabled

Monitor logging: disabled

Buffer logging: disabled

Trap logging: disabled

History logging: disabled

Device ID: disabled

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)# sh log

Syslog logging: disabled

Facility: 20
Timestamp logging: disabled
Standby logging: disabled
Console logging: disabled
Monitor logging: disabled
Buffer logging: disabled
Trap logging: disabled
History logging: disabled
Device ID: disabled

pixfirewall(config)# sh interf

interface ethernet0 "outside" is up, line protocol is down
Hardware is i82559 ethernet, address is 0012.daf1.4e25
IP address 137.204.58.43, subnet mask 255.255.255.0
MTU 1500 bytes, BW 100000 Kbit full duplex
117 packets input, 7020 bytes, 0 no buffer
Received 117 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 packets output, 0 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 babbles, 0 late collisions, 0 deferred
0 lost carrier, 0 no carrier
input queue (curr/max blocks): hardware (128/128) software (0/1)
output queue (curr/max blocks): hardware (0/0) software (0/0)

interface ethernet1 "inside" is administratively down, line protocol is up
Hardware is i82559 ethernet, address is 0012.daf1.4e26
MTU 1500 bytes, BW 100000 Kbit full duplex
0 packets input, 0 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 packets output, 0 bytes, 0 underruns
0 output errors, 0 collisions, 0 interface resets
0 babbles, 0 late collisions, 0 deferred
0 lost carrier, 0 no carrier
input queue (curr/max blocks): hardware (128/128) software (0/0)

pixfirewall(config)# sh interf

interface ethernet0 "outside" is up, line protocol is down
Hardware is i82559 ethernet, address is 0012.daf1.4e25
IP address 137.204.58.43, subnet mask 255.255.255.0
MTU 1500 bytes, BW 100000 Kbit full duplex
117 packets input, 7020 bytes, 0 no buffer
Received 117 broadcasts, 0 runts, 0 giants
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input queue (curr/max blocks): hardware (128/128) software (0/1)
output queue (curr/max blocks): hardware (0/0) software (0/0)

interface ethernet1 "inside" is administratively down, line protocol is up
Hardware is i82559 ethernet, address is 0012.daf1.4e26
MTU 1500 bytes, BW 100000 Kbit full duplex
0 packets input, 0 bytes, 0 no buffer
Received 0 broadcasts, 0 runts, 0 giants
0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
0 packets output, 0 bytes, 0 underruns

pix15giu2009.log

0 output errors, 0 collisions, 0 interface resets

0 babbles, 0 late collisions, 0 deferred

0 lost carrier, 0 no carrier

input queue (curr/max blocks): hardware (128/128) software (0/0)

pixfirewall(config)# sh interf

interface ethernet0 "outside" is up, line protocol is up

Hardware is i82559 ethernet, address is 0012.daf1.4e25

IP address 137.204.58.43, subnet mask 255.255.255.0

MTU 1500 bytes, BW 100000 Kbit full duplex

117 packets input, 7020 bytes, 0 no buffer

Received 117 broadcasts, 0 runts, 0 giants

0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort

0 packets output, 0 bytes, 0 underruns

0 output errors, 0 collisions, 0 interface resets

0 babbles, 0 late collisions, 0 deferred

0 lost carrier, 0 no carrier

input queue (curr/max blocks): hardware (128/128) software (0/1)

output queue (curr/max blocks): hardware (0/0) software (0/0)

interface ethernet1 "inside" is administratively down, line protocol is up

Hardware is i82559 ethernet, address is 0012.daf1.4e26

MTU 1500 bytes, BW 100000 Kbit full duplex

0 packets input, 0 bytes, 0 no buffer

Received 0 broadcasts, 0 runts, 0 giants

0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort

0 packets output, 0 bytes, 0 underruns

0 output errors, 0 collisions, 0 interface resets

0 babbles, 0 late collisions, 0 deferred

0 lost carrier, 0 no carrier

input queue (curr/max blocks): hardware (128/128) software (0/0)

output queue (curr/max blocks): hardware (0/0) software (0/0)

pixfirewall(config)# ping 151.1.1.1

No route to host 151.1.1.1.

Usage: ping [if_name] <host>

pixfirewall(config)# ping 137.204.58.254

137.204.58.254 NO response received -- 1000ms

137.204.58.254 NO response received -- 1000ms

137.204.58.254 NO response received -- 1000ms

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)# ip route

Not enough arguments.

Usage: [no] ip address <if_name> <ip_address> [<mask>]

[no] ip address <if_name> <ip_address> <mask> pppoe [setroute]

[no] ip address <if_name> dhcp [setroute] [retry <retry_cnt>]

[no] ip address <if_name> pppoe [setroute]

ip local pool <poolname> <ip1>[-<ip2>]

ip verify reverse-path interface <if_name>

pix15giu2009.log

```
ip audit {info|attack} action [alarm] [drop] [reset]
ip audit name <audit_name> {info|attack} [action [alarm] [drop] [reset]]
ip audit interface <if_name> <audit_name>
ip audit signature <sig_number> disable
show|clear ip audit count [global] [interface <interface>]
show ip [address [<if_name> [pppoe|dhcp [lease|server]]]]
```

```
pixfirewall(config)# ip route 0.0.0.0 0.0.0.0 137.204.58.254
Invalid keyword: "route"
```

```
Usage: [no] ip address <if_name> <ip_address> [<mask>]
[no] ip address <if_name> <ip_address> <mask> pppoe [setroute]
[no] ip address <if_name> dhcp [setroute] [retry <retry_cnt>]
[no] ip address <if_name> pppoe [setroute]
ip local pool <poolname> <ip1>[-<ip2>]
ip verify reverse-path interface <if_name>
ip audit {info|attack} action [alarm] [drop] [reset]
ip audit name <audit_name> {info|attack} [action [alarm] [drop] [reset]]
ip audit interface <if_name> <audit_name>
ip audit signature <sig_number> disable
show|clear ip audit count [global] [interface <interface>]
show ip [address [<if_name> [pppoe|dhcp [lease|server]]]]
```

```
pixfirewall(config)# ip route
Not enough arguments.
```

```
Usage: [no] ip address <if_name> <ip_address> [<mask>]
[no] ip address <if_name> <ip_address> <mask> pppoe [setroute]
[no] ip address <if_name> dhcp [setroute] [retry <retry_cnt>]
[no] ip address <if_name> pppoe [setroute]
ip local pool <poolname> <ip1>[-<ip2>]
ip verify reverse-path interface <if_name>
ip audit {info|attack} action [alarm] [drop] [reset]
ip audit name <audit_name> {info|attack} [action [alarm] [drop] [reset]]
ip audit interface <if_name> <audit_name>
ip audit signature <sig_number> disable
show|clear ip audit count [global] [interface <interface>]
show ip [address [<if_name> [pppoe|dhcp [lease|server]]]]
```

```
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# route
Not enough arguments.
```

```
Usage: [no] route <if_name> <foreign_ip> <mask> <gateway> [<metric>]
```

```
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# route 0.0.0.0 0.0.0.0 137.204.58.254
Not enough arguments.
```

```
Usage: [no] route <if_name> <foreign_ip> <mask> <gateway> [<metric>]
```

```
pixfirewall(config)# route outside 0.0.0.0 0.0.0.0 137.204.58.254
pixfirewall(config)# sh run
```

```
: Saved
:
```

```
PIX Version 6.3(3)
interface ethernet0 100full
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
```

```
passwd 2KFQnbNIdI.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
route outside 0.0.0.0 0.0.0.0 137.204.58.254 1
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
snmp-server community public
no snmp-server enable traps
floodguard enable
pixfirewall(config)# sh route
    outside 0.0.0.0 0.0.0.0 137.204.58.254 1 OTHER static
    outside 137.204.58.0 255.255.255.0 137.204.58.43 1 CONNECT static
pixfirewall(config)# ping 151.1.1.1
    151.1.1.1 NO response received -- 1000ms
    151.1.1.1 NO response received -- 1000ms
    151.1.1.1 NO response received -- 1000ms
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# logging buff
```

Usage: [no] logging on
[no] logging timestamp
[no] logging standby
[no] logging host [<in_if>] <l_ip> [{tcp|6}|{udp|17}/port#]
[format {emblem}]
[no] logging console <level>
[no] logging buffered <level>
[no] logging monitor <level>
[no] logging history <level>
[no] logging trap <level>
[no] logging message <syslog_id> level <level>
[no] logging facility <fac>
[no] logging device-id hostname | ipaddress <if_name>
| string <text>
logging queue <queue_size>
show logging [{message [<syslog_id>|all]} | level | disabled]

pixfirewall(config)# logging on
pixfirewall(config)# logging buffered

Usage: [no] logging on
[no] logging timestamp
[no] logging standby
[no] logging host [<in_if>] <l_ip> [{tcp|6}|{udp|17}/port#]
[format {emblem}]
[no] logging console <level>
[no] logging buffered <level>
[no] logging monitor <level>
[no] logging history <level>
[no] logging trap <level>
[no] logging message <syslog_id> level <level>
[no] logging facility <fac>
[no] logging device-id hostname | ipaddress <if_name>
| string <text>
logging queue <queue_size>
show logging [{message [<syslog_id>|all]} | level | disabled]

pixfirewall(config)# logging buffered 7

pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh logg

Syslog logging: enabled
Facility: 20
Timestamp logging: disabled
Standby logging: disabled
Console logging: disabled
Monitor logging: disabled
Buffer logging: level debugging, 1 messages logged
Trap logging: disabled
History logging: disabled
Device ID: disabled

111008: User 'enable_15' executed the 'logging buffered 7' command.

pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#

```
pixfirewall(config)# ping 151.1.1.1
  151.1.1.1 NO response received -- 1000ms
  151.1.1.1 NO response received -- 1000ms
  151.1.1.1 NO response received -- 1000ms
pixfirewall(config)# sh logg
Syslog logging: enabled
  Facility: 20
  Timestamp logging: disabled
  Standby logging: disabled
  Console logging: disabled
  Monitor logging: disabled
  Buffer logging: level debugging, 3 messages logged
  Trap logging: disabled
  History logging: disabled
  Device ID: disabled
111008: User 'enable_15' executed the 'logging buffered 7' command.
111009: User 'enable_15' executed cmd: show logging
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh logg
Syslog logging: enabled
  Facility: 20
  Timestamp logging: disabled
  Standby logging: disabled
  Console logging: disabled
  Monitor logging: disabled
  Buffer logging: level debugging, 4 messages logged
  Trap logging: disabled
  History logging: disabled
  Device ID: disabled
111008: User 'enable_15' executed the 'logging buffered 7' command.
111009: User 'enable_15' executed cmd: show logging
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
111009: User 'enable_15' executed cmd: show logging
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 100full
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
```

```
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
logging on
logging buffered debugging
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
route outside 0.0.0.0 0.0.0.0 137.204.58.254 1
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
snmp-server community public
no snmp-server enable traps
floodguard enable
telnet timeout 5
ssh timeout 5
console timeout 0
terminal width 80
Cryptochecksum:d41d8cd98f00b204e9800998ecf8427e
: end
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh int
interface ethernet0 "outside" is up, line protocol is up
  Hardware is i82559 ethernet, address is 0012.daf1.4e25
```


pix15giu2009.log

IP address 137.204.58.43, subnet mask 255.255.255.0

MTU 1500 bytes, BW 100000 Kbit full duplex

311 packets input, 18660 bytes, 0 no buffer

Received 311 broadcasts, 0 runts, 0 giants

0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort

41 packets output, 2460 bytes, 0 underruns

0 output errors, 0 collisions, 0 interface resets

0 babbles, 0 late collisions, 0 deferred

0 lost carrier, 0 no carrier

input queue (curr/max blocks): hardware (128/128) software (0/1)

output queue (curr/max blocks): hardware (0/1) software (0/1)

interface ethernet1 "inside" is administratively down, line protocol is up

Hardware is i82559 ethernet, address is 0012.daf1.4e26

MTU 1500 bytes, BW 100000 Kbit full duplex

0 packets input, 0 bytes, 0 no buffer

Received 0 broadcasts, 0 runts, 0 giants

0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort

0 packets output, 0 bytes, 0 underruns

0 output errors, 0 collisions, 0 interface resets

0 babbles, 0 late collisions, 0 deferred

0 lost carrier, 0 no carrier

input queue (curr/max blocks): hardware (128/128) software (0/0)

output queue (curr/max blocks): hardware (0/0) software (0/0)

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)# sh run

: Saved

:

PIX Version 6.3(3)

interface ethernet0 100full

interface ethernet1 100full shutdown

nameif ethernet0 outside security0

nameif ethernet1 inside security100

enable password 8Ry2Yjlyt7RRXU24 encrypted

passwd 2KFQnbNIdl.2KYOU encrypted

hostname pixfirewall

fixup protocol dns maximum-length 512

fixup protocol ftp 21

fixup protocol h323 h225 1720

fixup protocol h323 ras 1718-1719

fixup protocol http 80

fixup protocol rsh 514

fixup protocol rtsp 554

fixup protocol sip 5060

fixup protocol sip udp 5060

fixup protocol skinny 2000

fixup protocol smtp 25

fixup protocol sqlnet 1521

fixup protocol tftp 69

names

pixfirewall(config)# interf e0 auto

pixfirewall(config)#

pixfirewall(config)#

pixfirewall(config)#


```
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh runn
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto
interface ethernet1 100full shutdown
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
logging on
logging buffered debugging
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
route outside 0.0.0.0 0.0.0.0 137.204.58.254 1
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
```



```
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pixfirewall(config)# interface ethernet1 100full
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto
interface ethernet1 100full
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
logging on
logging buffered debugging
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
no ip address inside
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
route outside 0.0.0.0 0.0.0.0 137.204.58.254 1
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
```

pix15giu2009.log

```
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
snmp-server community public
no snmp-server enable traps
pixfirewall(config)# ip address inside 192.168.10.254 255.255.255.0
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto
interface ethernet1 100full
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
logging on
logging buffered debugging
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
ip address inside 192.168.10.254 255.255.255.0
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
route outside 0.0.0.0 0.0.0.0 137.204.58.254 1
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
```

pix15giu2009.log

```
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
snmp-server community public
no snmp-server enable traps
floodguard enable
telnet timeout 5
ssh timeout 5
console timeout 0
terminal width 80
Cryptochecksum:ba1fde2fd3e729f1f81e51b85b200fdd
: end
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# dhcp ?
Ambiguous command. Please enter more characters.
pixfirewall(config)# dhcp
Ambiguous command. Please enter more characters.
pixfirewall(config)# dhcp-?
Type help or '?' for a list of available commands.
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# dhcp ena
Ambiguous command. Please enter more characters.
pixfirewall(config)# ?
```

At the end of show <command>, use the pipe character '|' followed by: begin|include|exclude|grep [-v] <regular_exp>, to filter show output.

```
aaa          Enable, disable, or view TACACS+, RADIUS or LOCAL
             user authentication, authorization and accounting
aaa-server   Define AAA Server group
access-group Bind an access-list to an interface to filter inbound traffic
access-list  Add an access list
activation-key Modify activation-key.
age          This command is deprecated. See ipsec, isakmp, map, ca commands
```

alias Administer overlapping addresses with dual NAT.
 apply Apply outbound lists to source or destination IP addresses
 arp Change or view arp table, set arp timeout value, view statistics
 auth-prompt Customize authentication challenge, reject or acceptance prompt
 auto-update Configure auto update support
 banner Configure login/session banners
 ca CEP (Certificate Enrollment Protocol)
 Create and enroll RSA key pairs into a PKI
 (Public Key Infrastructure).
 capture Capture inbound and outbound packets on one or more interfaces
 clock Show and set the date and time of PIX
 conduit Add conduit access to higher security level network or ICMP
 configure Configure from terminal, floppy, memory, network, or
 factory-default. The configuration will be merged with the
 active configuration except for factory-default in which case
 the active configuration is cleared first.
 copy Copy image or PDM file from TFTP server into flash.
 console Set idle timeout for the serial console of the PIX
 Crashinfo Read, write and configure crash write to flash. Force a crash.
 crypto Configure IPsec, IKE, and CA
 debug Debug packets or ICMP tracings through the PIX Firewall.
 dhcpd Configure DHCP Server
 dhcprelay Configure DHCP Relay Agent
 disable Exit from privileged mode
 domain-name Change domain name
 dynamic-map Specify a dynamic crypto map template
 eeprom show or reprogram the 525 onboard i82559 devices
 enable Configure enable passwords
 established Allow inbound connections based on established connections
 failover Enable/disable PIX failover feature to a standby PIX
 filter Enable, disable, or view URL, FTP, HTTPS, Java, and ActiveX filtering
 fixup Add or delete PIX service and feature defaults
 flashfs Show, destroy, or preserve filesystem information
 fragment Configure the IP fragment database
 global Specify, delete or view global address pools,
 or designate a PAT(Port Address Translated) address
 help Help list
 hostname Change host name
 http Configure HTTP server
 icmp Configure access for ICMP traffic that terminates at an interface
 interface Set network interface paremeters and configure VLANs
 ip Set the ip address and mask for an interface
 Define a local address pool
 Configure Unicast RPF on an interface
 Configure the Intrusion Detection System
 ipsec Configure IPSEC policy
 isakmp Configure ISAKMP policy
 kill Terminate a telnet session
 logout Exit from current user profile, and to unprivileged mode
 logging Enable logging facility
 mac-list Add a list of mac addresses using first match search
 map Configure IPsec crypto map
 memory System memory utilization
 mgcp Configure the Media Gateway Control Protocol fixup
 management-access Enable access to internal management interface

mroute Configure a multicast route
 mtu Specify MTU(Maximum Transmission Unit) for an interface
 multicast Configure multicast on an interface
 name Associate a name with an IP address
 nameif Assign a name to an interface
 names Enable, disable or display IP address to name conversion
 nat Associate a network with a pool of global IP addresses
 ntp Configure Network Time Protocol
 object-group Create an object group for use in 'access-list', 'conduit', etc
 outbound Create an outbound access list
 pager Control page length for pagination
 passwd Change Telnet console access password
 pdm Configure PIX Device Manager
 ping Test connectivity from specified interface to <ip>
 prefix-list Configure a prefix-list
 privilege Configure/Display privilege levels for commands
 quit Quit from the current mode, end configuration or logout
 reload Halt and reload system
 rip Broadcast default route or passive RIP
 route Enter a static route for an interface
 route-map Create a route-map.
 router Create/configure OSPF routing process
 routing Configure interface specific unicast routing parameters.
 service Enable system services
 setup Pre-configure PIX
 shun Manages the filtering of packets from undesired hosts
 snmp-server Provide SNMP and event information
 ssh Add SSH access to PIX console, set idle timeout, display
 list of active SSH sessions & terminate a SSH session
 static Configure one-to-one address translation rule
 sysopt Set system functional option
 telnet Add telnet access to PIX console and set idle timeout
 terminal Set terminal line parameters
 tftp-server Specify default TFTP server address and directory
 timeout Set the maximum idle times
 url-cache Enable URL caching
 url-block Enable URL pending block buffer and long URL support
 url-server Specify a URL filter server
 username Configure user authentication local database
 virtual Set address for authentication virtual servers
 vpdn Configure VPDN (PPTP, L2TP, PPPoE) Policy
 vpnclient Configure Easy VPN Remote
 vpngroup Configure group settings for Cisco VPN Clients and
 Cisco Easy VPN Remote products
 who Show active administration sessions on PIX
 write Write config to net, flash, floppy, or terminal, or erase flash
 pixfirewall(config)#
 pixfirewall(config)#
 pixfirewall(config)#
 pixfirewall(config)#
 pixfirewall(config)#
 pixfirewall(config)#
 pixfirewall(config)# dhcpd
 Not enough arguments.
 Usage: dhcpd address <ip1>[-<ip2>] <srv_ifc_name>

```
dhcpcd dns <dnsip1> [<dnsip2>]
dhcpcd wins <winsip1> [<winsip2>]
dhcpcd lease <lease_length>
dhcpcd ping_timeout <timeout>
dhcpcd domain <domain_name>
dhcpcd option <code> {ascii <string> | hex <hex_string> |
    ip <address_1> [<address_2>]}
dhcpcd auto_config [outside]
dhcpcd enable <srv_ifc_name>
show dhcpcd [binding|statistics]
pixfirewall(config)#
pixfirewall(config)# dhcpcd address 192.168.10.100-102.168.10.105
missing arguments
Usage: dhcpcd address <ip1>[-<ip2>] <srv_ifc_name>
    dhcpcd dns <dnsip1> [<dnsip2>]
    dhcpcd wins <winsip1> [<winsip2>]
    dhcpcd lease <lease_length>
    dhcpcd ping_timeout <timeout>
    dhcpcd domain <domain_name>
    dhcpcd option <code> {ascii <string> | hex <hex_string> |
        ip <address_1> [<address_2>]}
    dhcpcd auto_config [outside]
    dhcpcd enable <srv_ifc_name>
    show dhcpcd [binding|statistics]
pixfirewall(config)# dhcpcd address 192.168.10.100-102.168.10.105 in
End address less than start address
pixfirewall(config)# dhcpcd address 192.168.10.100-192.168.10.105 ins
pixfirewall(config)# dhcpcd dns 151.99.125.2
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# dhcpcd ena
Usage: dhcpcd address <ip1>[-<ip2>] <srv_ifc_name>
    dhcpcd dns <dnsip1> [<dnsip2>]
    dhcpcd wins <winsip1> [<winsip2>]
    dhcpcd lease <lease_length>
    dhcpcd ping_timeout <timeout>
    dhcpcd domain <domain_name>
    dhcpcd option <code> {ascii <string> | hex <hex_string> |
        ip <address_1> [<address_2>]}
    dhcpcd auto_config [outside]
    dhcpcd enable <srv_ifc_name>
    show dhcpcd [binding|statistics]
pixfirewall(config)# dhcpcd ena in
pixfirewall(config)# sh log
Syslog logging: enabled
    Facility: 20
    Timestamp logging: disabled
    Standby logging: disabled
    Console logging: disabled
    Monitor logging: disabled
    Buffer logging: level debugging, 166 messages logged
    Trap logging: disabled
    History logging: disabled
    Device ID: disabled
```

0.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/52264 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/60259 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/52264 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/60259 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
305005: No translation group found for udp src inside:192.168.10.100/24006 dst
outside:151.99.125.2/53
305005: No translation group found for udp src inside:192.168.10.100/52264 dst
outside:151.99.125.2/53
305005: No translation group found for icmp src inside:192.168.10.100 dst outside:151.1.1.1 (type
8, code 0)
305005: No translation group found for udp src inside:192.168.10.100/24006 dst
outside:151.99.125.2/53
305005: No translation group found for udp src inside:192.168.10.100/24006 dst
outside:151.99.125.2/53
305005: No translation group found for udp src inside:192.168.10.100/24006 dst
outside:151.99.125.2/53
305005: No translation group found for icmp src inside:192.168.10.100 dst outside:151.1.1.1 (type
8, code 0)
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/24006 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/5989 dst
outside:151.99.125.2/53
305005: No translation group found for udp src inside:192.168.10.100/5989 dst
outside:151.99.125.2/53
305005: No translation group found for icmp src inside:192.168.10.100 dst outside:151.1.1.1 (type
8, code 0)
305005: No translation group found for udp src inside:192.168.10.100/5989 dst
outside:151.99.125.2/53
305005: No translation group found for udp src inside:192.168.10.100/5989 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/5989 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

pix15giu2009.log

```
305005: No translation group found for udp src inside:192.168.10.100/3564 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305005: No translation group found for udp src inside:192.168.10.100/3564 dst
outside:151.99.125.2/53
305005: No translation group found for udp src inside:192.168.10.100/3564 dst
outside:151.99.125.2/53
305005: No translation group found for udp src inside:192.168.10.100/3564 dst
outside:151.99.125.2/53
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# nat
Not enough arguments.
Usage: [no] nat [(
```

```
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
names
pager lines 24
logging on
logging buffered debugging
mtu outside 1500
mtu inside 1500
ip address outside 137.204.58.43 255.255.255.0
ip address inside 192.168.10.254 255.255.255.0
ip audit info action alarm
ip audit attack action alarm
pdm history enable
arp timeout 14400
global (outside) 10 interface
nat (inside) 10 0.0.0.0 0.0.0.0 0 0
route outside 0.0.0.0 0.0.0.0 137.204.58.254 1
timeout xlate 3:00:00
timeout conn 1:00:00 half-closed 0:10:00 udp 0:02:00 rpc 0:10:00 h225 1:00:00
timeout h323 0:05:00 mgcp 0:05:00 sip 0:30:00 sip_media 0:02:00
timeout uauth 0:05:00 absolute
aaa-server TACACS+ protocol tacacs+
aaa-server RADIUS protocol radius
aaa-server LOCAL protocol local
no snmp-server location
no snmp-server contact
snmp-server community public
no snmp-server enable traps
floodguard enable
telnet timeout 5
ssh timeout 5
console timeout 0
dhcpd address 192.168.10.100-192.168.10.105 inside
dhcpd dns 151.99.125.2
dhcpd lease 3600
dhcpd ping_timeout 750
dhcpd enable inside
terminal width 80
Cryptochecksum:33576c6c7717e9c924ba23b0466c55a9
: end
pixfirewall(config)#
```

```
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# ping 151.1.1.1
    151.1.1.1 NO response received -- 1000ms
    151.1.1.1 NO response received -- 1000ms
    151.1.1.1 NO response received -- 1000ms
pixfirewall(config)# sh log
Syslog logging: enabled
  Facility: 20
  Timestamp logging: disabled
  Standby logging: disabled
  Console logging: disabled
  Monitor logging: disabled
  Buffer logging: level debugging, 403 messages logged
  Trap logging: disabled
  History logging: disabled
  Device ID: disabled
7 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
111008: User 'enable_15' executed the 'nat (inside) 10 0 0' command.
305006: regular translation creation failed for udp src inside:192.168.10.100/33323 dst
outside:151.99.125.2/53
305006: regular translation creation failed for udp src inside:192.168.10.100/33323 dst
outside:151.99.125.2/53
305006: regular translation creation failed for udp src inside:192.168.10.100/33323 dst
outside:151.99.125.2/53
302010: 0 in use, 0 most used
305006: regular translation creation failed for udp src inside:192.168.10.100/33323 dst
outside:151.99.125.2/53
305006: regular translation creation failed for udp src inside:192.168.10.100/33323 dst
outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
111008: User 'enable_15' executed the 'global (outside) 10 interf' command.
609001: Built local-host inside:192.168.10.100
305011: Built dynamic ICMP translation from inside:192.168.10.100/512 to
outside:137.204.58.43/0
305011: Built dynamic UDP translation from inside:192.168.10.100/13836 to
outside:137.204.58.43/1024
302015: Built outbound UDP connection 0 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/13836 (137.204.58.43/1024)
111001: Begin configuration: console writing to memory
111004: console end configuration: OK
111008: User 'enable_15' executed the 'write mem' command.
305012: Teardown dynamic ICMP translation from inside:192.168.10.100/512 to
outside:137.204.58.43/0 duration 0:00:36
111009: User 'enable_15' executed cmd: show running-config
305011: Built dynamic UDP translation from inside:192.168.10.100/1277 to
outside:137.204.58.43/1025
```

pix15giu2009.log

302015: Built outbound UDP connection 1 for outside:151.99.125.2/53 (151.99.125.2/53) to inside:192.168.10.100/1277 (137.204.58.43/1025)
305011: Built dynamic TCP translation from inside:192.168.10.100/1053 to outside:137.204.58.43/1024
302013: Built outbound TCP connection 2 for outside:10.30.70.42/12666 (10.30.70.42/12666) to inside:192.168.10.100/1053 (137.204.58.43/1024)
305011: Built dynamic UDP translation from inside:192.168.10.100/59899 to outside:137.204.58.43/1026
302015: Built outbound UDP connection 3 for outside:151.99.125.2/53 (151.99.125.2/53) to inside:192.168.10.100/59899 (137.204.58.43/1026)
302016: Teardown UDP connection 0 for outside:151.99.125.2/53 to inside:192.168.10.100/13836 duration 0:02:10 bytes 265
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305011: Built dynamic UDP translation from inside:192.168.10.100/44658 to outside:137.204.58.43/1027
302015: Built outbound UDP connection 4 for outside:151.99.125.2/53 (151.99.125.2/53) to inside:192.168.10.100/44658 (137.204.58.43/1027)
305012: Teardown dynamic UDP translation from inside:192.168.10.100/13836 to outside:137.204.58.43/1024 duration 0:02:38
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh log
Syslog logging: enabled
 Facility: 20
 Timestamp logging: disabled
 Standby logging: disabled
 Console logging: disabled
 Monitor logging: disabled
 Buffer logging: level debugging, 410 messages logged
 Trap logging: disabled
 History logging: disabled
 Device ID: disabled
ailed for udp src inside:192.168.10.100/33323 dst outside:151.99.125.2/53
305006: regular translation creation failed for udp src inside:192.168.10.100/33323 dst outside:151.99.125.2/53
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

pix15giu2009.log

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
111008: User 'enable_15' executed the 'global (outside) 10 interf' command.
609001: Built local-host inside:192.168.10.100
305011: Built dynamic ICMP translation from inside:192.168.10.100/512 to
outside:137.204.58.43/0
305011: Built dynamic UDP translation from inside:192.168.10.100/13836 to
outside:137.204.58.43/1024
302015: Built outbound UDP connection 0 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/13836 (137.204.58.43/1024)
111001: Begin configuration: console writing to memory
111004: console end configuration: OK
111008: User 'enable_15' executed the 'write mem' command.
305012: Teardown dynamic ICMP translation from inside:192.168.10.100/512 to
outside:137.204.58.43/0 duration 0:00:36
111009: User 'enable_15' executed cmd: show running-config
305011: Built dynamic UDP translation from inside:192.168.10.100/1277 to
outside:137.204.58.43/1025
302015: Built outbound UDP connection 1 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/1277 (137.204.58.43/1025)
305011: Built dynamic TCP translation from inside:192.168.10.100/1053 to
outside:137.204.58.43/1024
302013: Built outbound TCP connection 2 for outside:10.30.70.42/12666 (10.30.70.42/12666) to
inside:192.168.10.100/1053 (137.204.58.43/1024)
305011: Built dynamic UDP translation from inside:192.168.10.100/59899 to
outside:137.204.58.43/1026
302015: Built outbound UDP connection 3 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/59899 (137.204.58.43/1026)
302016: Teardown UDP connection 0 for outside:151.99.125.2/53 to inside:192.168.10.100/13836
duration 0:02:10 bytes 265
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305011: Built dynamic UDP translation from inside:192.168.10.100/44658 to
outside:137.204.58.43/1027
302015: Built outbound UDP connection 4 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/44658 (137.204.58.43/1027)
305012: Teardown dynamic UDP translation from inside:192.168.10.100/13836 to
outside:137.204.58.43/1024 duration 0:02:38
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
111009: User 'enable_15' executed cmd: show logging
302014: Teardown TCP connection 2 for outside:10.30.70.42/12666 to
inside:192.168.10.100/1053 duration 0:02:01 bytes 0 SYN Timeout
305012: Teardown dynamic TCP translation from inside:192.168.10.100/1053 to
outside:137.204.58.43/1024 duration 0:02:06
302016: Teardown UDP connection 1 for outside:151.99.125.2/53 to inside:192.168.10.100/1277
duration 0:02:09 bytes 195
302016: Teardown UDP connection 3 for outside:151.99.125.2/53 to inside:192.168.10.100/59899
duration 0:02:09 bytes 195

pix15giu2009.log

302016: Teardown UDP connection 4 for outside:151.99.125.2/53 to inside:192.168.10.100/44658
duration 0:02:09 bytes 195

305012: Teardown dynamic UDP translation from inside:192.168.10.100/1277 to
outside:137.204.58.43/1025 duration 0:02:38

```
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)# sh run  
: Saved  
:
```

```
PIX Version 6.3(3)  
interface ethernet0 auto  
interface ethernet1 100full  
nameif ethernet0 outside security0  
nameif ethernet1 inside security100  
enable password 8Ry2Yjlyt7RRXU24 encrypted  
passwd 2KFQnbNIdl.2KYOU encrypted  
hostname pixfirewall  
fixup protocol dns maximum-length 512  
fixup protocol ftp 21  
fixup protocol h323 h225 1720  
fixup protocol h323 ras 1718-1719  
fixup protocol http 80  
fixup protocol rsh 514  
fixup protocol rtsp 554  
fixup protocol sip 5060  
fixup protocol sip udp 5060  
fixup protocol skinny 2000  
fixup protocol smtp 25  
fixup protocol sqlnet 1521  
fixup protocol tftp 69  
names  
pager lines 24  
logging on  
logging buffered debugging  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)#  
pixfirewall(config)# ping 151.1.1.1  
 151.1.1.1 NO response received -- 1000ms  
 151.1.1.1 NO response received -- 1000ms  
 151.1.1.1 NO response received -- 1000ms  
pixfirewall(config)# ping 151.1.1.1  
 151.1.1.1 NO response received -- 1000ms  
 151.1.1.1 NO response received -- 1000ms
```

```
151.1.1.1 NO response received -- 1000ms
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# icmp
Not enough arguments.
Usage: [no] icmp permit|deny <ip-address> <net-mask> [<icmp-type>] <if-name>
[clear|show] icmp
pixfirewall(config)# icmp permit
Not enough arguments.
Usage: [no] icmp permit|deny <ip-address> <net-mask> [<icmp-type>] <if-name>
[clear|show] icmp
pixfirewall(config)# icmp permit 0 0 out
pixfirewall(config)# icmp permit 0 0 in
pixfirewall(config)#
pixfirewall(config)# ping 151.1.1.1
151.1.1.1 NO response received -- 1000ms
151.1.1.1 NO response received -- 1000ms
151.1.1.1 NO response received -- 1000ms
pixfirewall(config)# ping 137.204.48.254
137.204.48.254 NO response received -- 1000ms
137.204.48.254 NO response received -- 1000ms
137.204.48.254 NO response received -- 1000ms
pixfirewall(config)# ping 137.204.58.254
137.204.58.254 NO response received -- 1000ms
137.204.58.254 NO response received -- 1000ms
137.204.58.254 NO response received -- 1000ms
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# sh run
: Saved
:
PIX Version 6.3(3)
interface ethernet0 auto
interface ethernet1 100full
nameif ethernet0 outside security0
nameif ethernet1 inside security100
enable password 8Ry2Yjlyt7RRXU24 encrypted
passwd 2KFQnbNIdl.2KYOU encrypted
hostname pixfirewall
fixup protocol dns maximum-length 512
fixup protocol ftp 21
fixup protocol h323 h225 1720
fixup protocol h323 ras 1718-1719
fixup protocol http 80
fixup protocol rsh 514
fixup protocol rtsp 554
fixup protocol sip 5060
fixup protocol sip udp 5060
fixup protocol skinny 2000
fixup protocol smtp 25
fixup protocol sqlnet 1521
fixup protocol tftp 69
```

names

pixfirewall(config)# interfa e0 100 full

Usage: interface <hardware_id> [<hw_speed> [shutdown]]

[no] interface <hardware_id> <vlan_id> [logical|physical] [shutdown]

interface <hardware_id> change-vlan <old_vlan_id> <new_vlan_id>

show interface

pixfirewall(config)# interfa e0 100full

pixfirewall(config)# ping 137.204.58.254

137.204.58.254 NO response received -- 1000ms

137.204.58.254 NO response received -- 1000ms

137.204.58.254 NO response received -- 1000ms

pixfirewall(config)# sh log

Syslog logging: enabled

Facility: 20

Timestamp logging: disabled

Standby logging: disabled

Console logging: disabled

Monitor logging: disabled

Buffer logging: level debugging, 434 messages logged

Trap logging: disabled

History logging: disabled

Device ID: disabled

connection 0 for outside:151.99.125.2/53 to inside:192.168.10.100/13836 duration 0:02:10 bytes 265

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

305011: Built dynamic UDP translation from inside:192.168.10.100/44658 to

outside:137.204.58.43/1027

302015: Built outbound UDP connection 4 for outside:151.99.125.2/53 (151.99.125.2/53) to inside:192.168.10.100/44658 (137.204.58.43/1027)

305012: Teardown dynamic UDP translation from inside:192.168.10.100/13836 to

outside:137.204.58.43/1024 duration 0:02:38

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns

111008: User 'enable_15' executed the 'ping 151.1.1.1' command.

111009: User 'enable_15' executed cmd: show logging

302014: Teardown TCP connection 2 for outside:10.30.70.42/12666 to

inside:192.168.10.100/1053 duration 0:02:01 bytes 0 SYN Timeout

305012: Teardown dynamic TCP translation from inside:192.168.10.100/1053 to

outside:137.204.58.43/1024 duration 0:02:06

302016: Teardown UDP connection 1 for outside:151.99.125.2/53 to inside:192.168.10.100/1277

duration 0:02:09 bytes 195

302016: Teardown UDP connection 3 for outside:151.99.125.2/53 to inside:192.168.10.100/59899

duration 0:02:09 bytes 195

302016: Teardown UDP connection 4 for outside:151.99.125.2/53 to inside:192.168.10.100/44658

duration 0:02:09 bytes 195

305012: Teardown dynamic UDP translation from inside:192.168.10.100/1277 to

outside:137.204.58.43/1025 duration 0:02:38

305012: Teardown dynamic UDP translation from inside:192.168.10.100/59899 to

outside:137.204.58.43/1026 duration 0:02:38

pix15giu2009.log

```
111009: User 'enable_15' executed cmd: show logging
305012: Teardown dynamic UDP translation from inside:192.168.10.100/44658 to
outside:137.204.58.43/1027 duration 0:02:38
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
111009: User 'enable_15' executed cmd: show running-config
305011: Built dynamic UDP translation from inside:192.168.10.100/53151 to
outside:137.204.58.43/1028
302015: Built outbound UDP connection 5 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/53151 (137.204.58.43/1028)
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
302010: 1 in use, 4 most used
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
302016: Teardown UDP connection 5 for outside:151.99.125.2/53 to inside:192.168.10.100/53151
duration 0:02:09 bytes 305
111008: User 'enable_15' executed the 'icmp permit 0 0 out' command.
305012: Teardown dynamic UDP translation from inside:192.168.10.100/53151 to
outside:137.204.58.43/1028 duration 0:02:38
111008: User 'enable_15' executed the 'icmp permit 0 0 in' command.
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
111008: User 'enable_15' executed the 'ping 137.204.48.254' command.
111008: User 'enable_15' executed the 'ping 137.204.58.254' command.
111009: User 'enable_15' executed cmd: show running-config
111008: User 'enable_15' executed the 'interface e0 100full' command.
111008: User 'enable_15' executed the 'ping 137.204.58.254' command.
pixfirewall(config)# sh int
interface ethernet0 "outside" is up, line protocol is up
  Hardware is i82559 ethernet, address is 0012.daf1.4e25
  IP address 137.204.58.43, subnet mask 255.255.255.0
  MTU 1500 bytes, BW 100000 Kbit full duplex
    1268 packets input, 76080 bytes, 0 no buffer
    Received 1268 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    150 packets output, 9000 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collisions, 0 deferred
    2 lost carrier, 0 no carrier
    input queue (curr/max blocks): hardware (128/128) software (0/1)
    output queue (curr/max blocks): hardware (0/1) software (0/1)
interface ethernet1 "inside" is up, line protocol is up
  Hardware is i82559 ethernet, address is 0012.daf1.4e26
  IP address 192.168.10.254, subnet mask 255.255.255.0
  MTU 1500 bytes, BW 100000 Kbit full duplex
    406 packets input, 39012 bytes, 0 no buffer
    Received 172 broadcasts, 0 runts, 0 giants
    0 input errors, 0 CRC, 0 frame, 0 overrun, 0 ignored, 0 abort
    62 packets output, 5082 bytes, 0 underruns
    0 output errors, 0 collisions, 0 interface resets
    0 babbles, 0 late collisions, 0 deferred
    0 lost carrier, 0 no carrier
    input queue (curr/max blocks): hardware (128/128) software (0/2)
    output queue (curr/max blocks): hardware (0/2) software (0/1)
```

```
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# ping 137.204.58.254
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
pixfirewall(config)# sh log
Syslog logging: enabled
  Facility: 20
  Timestamp logging: disabled
  Standby logging: disabled
  Console logging: disabled
  Monitor logging: disabled
  Buffer logging: level debugging, 437 messages logged
  Trap logging: disabled
  History logging: disabled
  Device ID: disabled
255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
305011: Built dynamic UDP translation from inside:192.168.10.100/44658 to
outside:137.204.58.43/1027
302015: Built outbound UDP connection 4 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/44658 (137.204.58.43/1027)
305012: Teardown dynamic UDP translation from inside:192.168.10.100/13836 to
outside:137.204.58.43/1024 duration 0:02:38
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
111009: User 'enable_15' executed cmd: show logging
302014: Teardown TCP connection 2 for outside:10.30.70.42/12666 to
inside:192.168.10.100/1053 duration 0:02:01 bytes 0 SYN Timeout
305012: Teardown dynamic TCP translation from inside:192.168.10.100/1053 to
outside:137.204.58.43/1024 duration 0:02:06
302016: Teardown UDP connection 1 for outside:151.99.125.2/53 to inside:192.168.10.100/1277
duration 0:02:09 bytes 195
302016: Teardown UDP connection 3 for outside:151.99.125.2/53 to inside:192.168.10.100/59899
duration 0:02:09 bytes 195
302016: Teardown UDP connection 4 for outside:151.99.125.2/53 to inside:192.168.10.100/44658
duration 0:02:09 bytes 195
305012: Teardown dynamic UDP translation from inside:192.168.10.100/1277 to
outside:137.204.58.43/1025 duration 0:02:38
305012: Teardown dynamic UDP translation from inside:192.168.10.100/59899 to
outside:137.204.58.43/1026 duration 0:02:38
111009: User 'enable_15' executed cmd: show logging
305012: Teardown dynamic UDP translation from inside:192.168.10.100/44658 to
outside:137.204.58.43/1027 duration 0:02:38
```

pix15giu2009.log

```
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
111009: User 'enable_15' executed cmd: show running-config
305011: Built dynamic UDP translation from inside:192.168.10.100/53151 to
outside:137.204.58.43/1028
302015: Built outbound UDP connection 5 for outside:151.99.125.2/53 (151.99.125.2/53) to
inside:192.168.10.100/53151 (137.204.58.43/1028)
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/137 to inside:192.168.10.255/netbios-ns
710005: UDP request discarded from 192.168.10.100/138 to inside:192.168.10.255/netbios-dgm
302010: 1 in use, 4 most used
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
302016: Teardown UDP connection 5 for outside:151.99.125.2/53 to inside:192.168.10.100/53151
duration 0:02:09 bytes 305
111008: User 'enable_15' executed the 'icmp permit 0 0 out' command.
305012: Teardown dynamic UDP translation from inside:192.168.10.100/53151 to
outside:137.204.58.43/1028 duration 0:02:38
111008: User 'enable_15' executed the 'icmp permit 0 0 in' command.
111008: User 'enable_15' executed the 'ping 151.1.1.1' command.
111008: User 'enable_15' executed the 'ping 137.204.48.254' command.
111008: User 'enable_15' executed the 'ping 137.204.58.254' command.
111009: User 'enable_15' executed cmd: show running-config
111008: User 'enable_15' executed the 'interface e0 100full' command.
111008: User 'enable_15' executed the 'ping 137.204.58.254' command.
111009: User 'enable_15' executed cmd: show logging
111009: User 'enable_15' executed cmd: show interface
111008: User 'enable_15' executed the 'ping 137.204.58.254' command.
pixfirewall(config)#
pixfirewall(config)# ping 137.204.58.254
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
pixfirewall(config)# ping 137.204.58.254
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
    137.204.58.254 NO response received -- 1000ms
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)#
pixfirewall(config)# wr mem
Building configuration...
Cryptochecksum: 85058934 1658e20f ee3b4f44 d5cb73d9
[OK]
pixfirewall(config)# exit
```