

Cisco PIX Firewall Release Notes Version 6.3(4)

July 2004

Contents

This release is provides new features and fixes for a variety of PIX Firewall models and configuration modes, including new VLAN support, AAA fallback administration, and improved syslog messaging and ip address privacy. This document includes the following sections:



For more information on the NAT ID rules caveat, refer to "Important Notes" in the *Cisco PIX Firewall Release Notes Version* 6.3(2).

- Introduction, page 1
- System Requirements, page 2
- New and Changed Information, page 5
- Important Notes, page 23
- Caveats, page 26
- Related Documentation, page 31
- Obtaining Documentation, page 31
- Obtaining Technical Assistance, page 33
- · Obtaining Additional Publications and Information, page 34

Introduction

The PIX Firewall delivers unprecedented levels of security, performance, and reliability, including robust, enterprise-class security services such as the following:

- Stateful inspection security, based on state-of-the-art Adaptive Security Algorithm (ASA)
- Over 100 predefined applications, services, and protocols for flexible access control



- Virtual Private Networking (VPN) for secure remote network access using IKE/IPSec standards
- Intrusion protection from over 55 different network-based attacks
- URL filtering of outbound web traffic through third-party server support
- Network Address Translation (NAT) and Port Address Translation Support (PAT)

Additionally, PIX Firewall Version 6.3 software supports Cisco PIX Device Manager (PDM) Version 3.0 and adds enhancements to features introduced in earlier releases.

System Requirements

The sections that follow list the system requirements for operating a PIX Firewall with Version 6.3 software.

Memory Requirements

The PIX 501 has 16 MB of RAM and will operate correctly with Version 6.1(1) and higher, while all other PIX Firewall platforms continue to require at least 32 MB of RAM (and therefore are also compatible with version 6.1(1) and higher).

In addition, all units except the PIX 501 and PIX 506E require 16 MB of Flash memory to boot. (The PIX 501 and PIX 506E have 8 MB of Flash memory, which works correctly with Version 6.1(1) and higher.)

Table 1 lists Flash memory requirements for this release.

Table 1 Flash Memory Requirements

| PIX Firewall Model | Flash Memory Required in Version 6.3 |
|--------------------|--|
| PIX 501 | 8 MB |
| PIX 506E | 8 MB |
| PIX 515/515E | 16 MB |
| PIX 520 | 16 MB (Some PIX 520 units may need a memory upgrade because older units had 2 MB, though newer units have 16 MB) |
| PIX 525 | 16 MB |
| PIX 535 | 16 MB |

Software Requirements

Version 6.3 requires the following:

- 1. The PIX Firewall image no longer fits on a diskette. If you are using a PIX Firewall unit with a diskette drive, you need to download the Boothelper file from Cisco Connection Online (CCO) to let you download the PIX Firewall image with TFTP.
- 2. If you are upgrading from Version 4 or earlier and want to use the Auto Update, IPSec, SSH, PDM, or VPN features or commands, you must have a new 56-bit DES activation key. Before getting a new activation key, write down your old key in case you want to retrograde to Version 4. You can have a new 56-bit DES activation key sent to you by completing the form at the following website:

http://www.cisco.com/cgi-bin/Software/FormManager/formgenerator.pl?pid=221&fid=324

3. If you are upgrading from a previous PIX Firewall version, save your configuration and write down your activation key and serial number. Refer to "Upgrading to a New Software Release" for new installation requirements.

Maximum Recommended Configuration File Size

For the PIX 525 and PIX 535, the maximum configuration file size limit is increased to 2 MB for PIX Firewall software Versions 5.3(2) and later. For other PIX Firewall platforms, the maximum configuration file size limit is 1 MB. Earlier versions of the PIX 501 are limited to a 256 KB configuration file size. If you are using PIX Device Manager (PDM), we recommend no more than a 100 KB configuration file because larger configuration files can interfere with the performance of PDM on your workstation.

While configuration files up to 2 MB are now supported on the PIX 525 and PIX 535, be aware that such large configuration files can reduce system performance. For example, a large configuration file is likely to noticeably slow execution times in the following situations:

- · While executing commands such as write term and show conf
- Failover (the configuration synchronization time)
- · During a system reload

The optimal configuration file size for use with PDM is less than 100 KB (which is approximately 1500 lines). Please take these considerations into account when planning and implementing your configuration.

Cisco VPN Software Interoperability

| Cisco VPN Series | Interoperability Comments |
|------------------------------|---|
| Cisco IOS Routers | PIX Firewall Version 6.3 requires Cisco IOS Release 12.0(6)T or higher running on the router when using IKE Mode Configuration on the PIX Firewall. |
| Cisco VPN 3000 Concentrators | PIX Firewall Version 6.3 requires Cisco VPN 3000 Concentrator Version 2.5.2 or higher for correct VPN interoperability. |

Cisco VPN Client Interoperability

| Cisco VPN Client | Interoperability Comments |
|--|--|
| Cisco Secure VPN Client v1.x | PIX Firewall Version 6.3 requires Cisco Secure VPN Client Version 1.1. Cisco Secure VPN Client Version 1.0 and 1.0a are no longer supported. |
| Cisco VPN Client v3.x (Unified VPN Client Framework) | PIX Firewall Version 6.3 supports the Cisco VPN Client Version 3.x that runs on all Microsoft Windows platforms. It also supports the Cisco VPN Client Version 3.5 or higher that runs on Linux, Solaris, and Macintosh platforms. |

Cisco Easy VPN Remote Interoperability

| Cisco Easy VPN Remote | Interoperability Comments |
|---|---|
| PIX Firewall Easy VPN Remote v6.3 | PIX Firewall software Version 6.3 Cisco Easy VPN Server requires PIX Firewall software Version 6.3 Easy VPN Remote. |
| VPN 3000 Easy VPN Remote v3.6 | PIX Firewall software Version 6.3 Cisco Easy VPN Server requires the VPN 3000 Version 3.6 Easy VPN Remote that runs on the VPN 3002 platform. |
| Cisco IOS Easy VPN Remote Release 12.2(16.4)T | PIX Firewall software Version 6.3 Cisco Easy VPN Server interoperates with Cisco IOS 806 Easy VPN Remote Release (16.4)T. |

Cisco Easy VPN Server Interoperability

| Cisco Easy VPN Server | Interoperability Comments |
|---|---|
| PIX Firewall Easy VPN Server v6.3 | PIX Firewall software Version 6.3 Cisco Easy VPN Remote requires a PIX Firewall Version 6.3 Easy VPN Server. |
| VPN 3000 Easy VPN Server v3.6.7 | PIX Firewall software Version 6.3 Cisco Easy VPN Remote requires VPN 3000 Version 3.6.7 Easy VPN Server. |
| Cisco IOS Easy VPN Server Release 12.2(15)T | PIX Firewall software version 6.3 Cisco Easy VPN Remote works with Cisco IOS Release 12.2(15)T Easy VPN Server in IKE pre-shared authentication and does not work with certificate. It is expected to interoperate using certificate, after CSCea02359 and CSCea00952 resolved and integrated in later versions of Cisco IOS Easy VPN Server. |

Determining the Software Version

Use the **show version** command to verify the software version of your PIX Firewall unit.

Upgrading to a New Software Release

If you have a Cisco Connection Online (CCO) login, you can obtain software from the following website:

http://www.cisco.com/cgi-bin/tablebuild.pl/pix

New and Changed Information

New Features in Release 6.3(4)

Release 6.3(4) includes the following new features:

VLAN Support Added to the PIX 506/506E, page 5

AAA Fallback for Administrative Access, page 5

SNMP Fixup, page 6

IKE Syslog Support Improved, page 6

New Syslog Messaging for AAA authentication, page 6

SIP IP Address Privacy Enhancement, page 6

New Ability to Assign Netmasks with Address Pools, page 6

VLAN Support Added to the PIX 506/506E

This release introduces VLAN support for PIX 506/506E, enabling these platforms to be a low-cost DMZ enabled solution. With this new PIX support, users may implement additional logical interfaces, allowing them to securely host an external Web site, a secure email server, or even an extranet.

By adding support for the IEEE 802.1q VLAN tags, 506/506E Firewalls now feature added flexibility in managing and provisioning the firewall. This feature enables the decoupling of IP interfaces from physical interfaces, making it possible to configure logical IP interfaces independently.

VLAN feature support is added to the **interface** command.

- A maximum of two logical interfaces may be configured on the 506/506E, thus providing a maximum of four interfaces (2 physical and 2 logical) on these platforms.
- When 506 and 506E are used as VPN hardware clients, logical interfaces on the 506/506E cannot be used to initiate a VPN tunnel.
- If the VLAN ID is set to 4095, the interface name cannot be modified with the **nameif** command. It may not be appropriate to use VLAN ID 4095 because of this issue.

For configuration information, refer to "Configuring PIX Firewall with VLANs" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.

AAA Fallback for Administrative Access

This release introduces the ability to authenticate and authorize requests to fall-back to a local user database on the PIX Firewall. The requirements and design will factor future compatibility with Cisco IOS-like "method list" support for the PIX Firewall, and deliver the addition of the LOCAL fallback method.

The following commands are now enhanced to create a fallback scenario for AAA administrative access:

aaa authentication console

A. aaa authorization command

A. aaa authorization match

aaa server

crypto map command

[no] aaa-server <tag> max-failed-attempts <number>

[no] aaa-server <tag> deadtime <minutes>

SNMP Fixup

This release introduces SNMP traffic inspection capabilities, enabling administrators to specify which SNMP version packets are permitted or denied passage through a PIX Firewall.

The following commands were added modified to support this new feature:

snmp deny version

fixup protocol snmp

IKE Syslog Support Improved

This release introduces a small enhancement to IKE syslogging support and a limited set of IKE event tracing capabilities for scalable VPN troubleshooting. These enhancements have been added to allow for new syslog message generation and improved IKESMP command control.

New Syslog Messaging for AAA authentication

This release introduces a new AAA syslog message, which prompts users for their authentication before they can use a service port. This syslog improvement is based on prior configured PIX Firewall policies. The added syslog is as follows:

%PIX-3-109023: User from src_IP_Adress/src_port to dest_IP_Address/dest_port on interface outside must authenticate before using this service

SIP IP Address Privacy Enhancement

This release introduces an enhancement to PIX Firewall IP address privacy issues that affect SIP fixup. Phones connected on the same interface of the PIX Firewall should not have any direct P2P communication. This feature eliminates the ability of a third party computer to take control of (SIP) and voice (RTP/RTCP) traffic flow through the PIX Firewall. Using the PIX Firewall to create the required pin holes for voice traffic, we can eliminate any direct P2P communication between phones working on a PIX Firewall. The new command that provides this functionality is called:

sip ip-address-privacy

New Ability to Assign Netmasks with Address Pools

This release introduces the ability to define a subnet mask for each address pool and pass this information onto the client. The command to define a subnet mask for a local ip pool is:

ip local pool <name> <range> [mask <mask>]

The command which lets you see if a local subnet mask has been defined is:

show ip local pool



Downgrade Issue if this feature is implemented: If you downgrade to a software version that does not have this new feature, address ranges will be loaded without the defined subnet mask. If you downgrade, save the configuration, then upgrade, the masks will not be set or returned to the client.

New Features in Release 6.3(3)

This release is mainly to fix the Network Address Translation (NAT) ID rules caveat (CSCeb84163). The new feature in Release 6.3(3) is:

• PIX Outbound/Conduit Conversion Tool, page 7

PIX Outbound/Conduit Conversion Tool

Beginning with Version 5.3, the PIX Firewall uses access lists to control connections between inside and outside networks. Access lists are implemented with the **access-list** and **access-group** commands. These commands are used instead of the **conduit** and **outbound** commands, which were used in earlier versions of PIX Firewall software. In major software releases after Version 6.3, the **conduit** and **outbound** commands are no longer supported. To migrate an obsolete PIX configuration file that contains **conduit** and **outbound** commands to a supported configuration file that contains the equivalent **access-list** commands, a tool is available to help with the conversion process:

- https://cco-dev.cisco.com/cgi-bin/Support/OutputInterpreter/home.pl (online tool)
- http://www.cisco.com/cgi-bin/tablebuild.pl/pix (download tool)

New Features in Release 6.3(2)

The new features in Release 6.3(2) are:

- Policy NAT, page 8
- Ability to Configure TFTP Fixup, page 8
- DNS Fixup, page 8
- MIB Support, page 8
- Support for Instant Messaging Using SIP, page 9
- Enhanced Show Failover Command, page 9
- Incomplete Crypto Map Enhancements, page 9

- Infinite Isakmp Phase 1 Lifetime Support, page 9
- Enhanced Show Version Command, page 10
- Per-user-override, page 10
- Enhanced Fixup Protocol Command, page 11
- Enhanced aaa proxy-limit, page 11

Policy NAT

PIX Firewall Version 6.3(2) introduces Policy Network Address Translation (NAT). Policy NAT allows you to identify both the source and destination addresses in an access list when specifying the local traffic to translate. This feature lets you use different global addresses for each source and destination pair on an interface, even if the source address is the same for each pair. Without policy NAT, you can only specify a single global address for a given source address, because the destination address is not considered. To configure policy NAT, use either the **static** or **nat** commands.

For configuration information, refer to "Policy NAT" or "Enabling Server Access with Static NAT" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax, refer to the *Cisco PIX Firewall Command Reference*.

Ability to Configure TFTP Fixup

Ability to configure TFTP fixup inspects the TFTP protocol and dynamically creates connection and xlate, if necessary, to permit file transfer between a TFTP client and server. Specifically, the fixup inspects TFTP read request (RRQ), write request (WRQ), and error notification (ERROR).



TFTP Fixup is enabled by default. TFTP Fixup must be enabled if static PAT is used to redirect TFTP traffics.

For more information on this feature, refer to "TFTP" in the Cisco PIX Firewall and VPN Configuration Guide. For a complete description of the command syntax for this new command, refer to the Cisco PIX Firewall Command Reference.

DNS Fixup

The [no] fixup protocol dns [maximum-length <512-65535>] command can be used to enable/disable the DNS fixup.

Based on this maximum-length configured by the user, the DNS fixup checks to see if the DNS packet length is within this limit. Every UDP DNS packet (request/response) undergoes the above check.



The PIX Firewall drops DNS packets sent to UDP port 53 that are larger than the configured maximum length. The default value is 512 bytes.

This feature is added to the **fixup protocol** command in the PIX Firewall Version 6.3(2) software. For configuration information, refer to "DNS" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.



If DNS fixup is disabled, the Address record (A-record) is not NATed and the DNS ID is not matched in requests and responses. By disabling DNS fixup, the maximum length check on UDP DNS packets is bypassed and packets greater than the maximum length configured are permitted.

MIB Support

PIX Firewall Version 6.3(2) adds support to the following additional interface objects of MIB-II:

- · ifOutQLen
- ifInUnknownProtos
- · ifLastChange

For more information, refer to "MIB Support" in the Cisco PIX Firewall and VPN Configuration Guide.

Support for Instant Messaging Using SIP

Fixup SIP now supports the Instant Messaging (IM) Chat feature on Windows XP using Windows Messenger RTC Client version 4.7.0105 only.

This feature support is added to the PIX Firewall Version 6.3(2) software. For more information, refer to "SIP" in the *Cisco PIX Firewall and VPN Configuration Guide*.

Enhanced Show Failover Command

This new feature enhances the **show failover** command to display the last occurrence of a failover.

For more information on this feature, refer to "Using the Failover Command" in the *Cisco PIX Firewall* and VPN Configuration Guide. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Incomplete Crypto Map Enhancements

Every static crypto map must define an access list and an IPSec peer. If either is missing, the crypto map is considered incomplete and a warning message is printed. Traffic not matched to a complete crypto map is skipped, and the next entry is tried. Failover hello packets are now exempt from the incomplete crypto map check; previously they were dropped. Use the **show conf** command to ensure that every crypto map is complete.

For more information on this feature, refer to "Crypto Maps" in the Cisco PIX Firewall and VPN Configuration Guide. For a complete description of the command syntax for this new command, refer to the Cisco PIX Firewall Command Reference.

Infinite Isakmp Phase 1 Lifetime Support

Infinite isakmp phase 1 lifetime is a feature that allows interoperatability with third party VPN vendor gateways that do not support rekeying of the IKE phase 1 SA. To enable it, specify a lifetime value of 0 using the isakmp policy command.



Using infinite phase 1 SA lifetime is relatively less secure, because the phase 1 keys are not periodically refreshed as they normally would otherwise be. Do not enable this feature unless the PIX must communicate with a third party VPN gateway device that cannot be configured with a finite phase 1 SA lifetime.

For more information on this feature, refer to "Internet Key Exchange (IKE)" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced Show Version Command

The 'show ver' output now has two interface-related lines, Max Physical interfaces and Max interfaces. Max interfaces is the total physical and virtual interfaces. Following is an example of the output:

```
pix-1(config)# sh ver
Cisco PIX Firewall Version 6.3(2)
Compiled on Tue 08-Jul-03 10:56 by dramnath
dramnath-pix-1 up 2 hours 51 mins
Hardware: PIX-515, 32 MB RAM, CPU Pentium 200 MHz
Flash i28F640J5 @ 0x300, 16MB
BIOS Flash AT29C257 @ 0xfffd8000, 32KB
0:ethernet0:address is 0003.e300.1552, irq 10
1:ethernet1:address is 0003.e300.1553, irq 7
2:ethernet2:address is 0090.273a.1611, irq 11
Licensed Features:
Failover:
                            Disabled
VPN-DES:
                            Enabled
                            Enabled
VPN-3DES-AES:
Maximum Physical Interfaces:3
Maximum Interfaces:
Cut-through Proxy:
                            Enabled
Guards: Enabled
URL-filtering:
                            Enabled
Inside Hosts:
                            Unlimited
Throughput:
                            Unlimited
IKE peers:
                            Unlimited
This PIX has a Restricted (R) license.
Serial Number:5 (0x5)
Running Activation Key:0x2b2bcadc 0xbff80f39 0x71c6c743 0xa06ee021
Configuration last modified by enable_15 at 20:14:25.505 UTC Thu Jul 24 2003
dramnath-pix-1(config)#
```

For more information on this feature, refer to the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Per-user-override

This feature allows users to specify a new keyword per-user-override to the **access-group** command. When this keyword is specified, it allows the permit/deny status from the per-user access-list (downloaded via AAA authentication) that is associated to a user to override the permit/deny status from the access-group access-list.

For more information on this feature, refer to the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced Fixup Protocol Command

By default, the **fixup protocol ils** command is disabled. You can use the **fixup protocol** command to enable the ILS fixup and, optionally, change the default port assignment.

For more information on this feature, refer to "ILS and LDAP" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced aaa proxy-limit

When the aaa proxy-limit is set to 16, the "aaa proxy-limit 16" line shows up. This feature specifies the number of concurrent proxy connections allowed per user, from 1 to 128. The default value is 16.

For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

New Features in Release 6.3(1)

This section includes the following topics:

- Enterprise-Class Security Enhancements, page 11
- Small Office, Home Office (SOHO) Enhancements, page 15
- Security Fixups (Application Inspection) Enhancements, page 18
- Management Enhancements, page 19
- Serviceability Features, page 22

Enterprise-Class Security Enhancements

Virtual LAN (VLAN)-based virtual interfaces

802.1Q VLAN support comes to the PIX Firewall, providing added flexibility in managing and provisioning the firewall. This feature enables the decoupling of IP interfaces from physical interfaces (hence making it possible to configure logical IP interfaces independent of the number of interface cards installed), and supplies appropriate handling for IEEE 802.1Q tags.

VLAN feature support is added to the **interface** command in the PIX Firewall Version 6.3 software. For configuration information, refer to "Configuring PIX Firewall with VLANs" in the *Cisco PIX Firewall* and VPN Configuration Guide. For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.



The PIX 501 and PIX 506/506E do not provide support for VLANs.

OSPF Dynamic Routing

Route propagation and greatly reduced route convergence times are two of the many benefits that arrive with Open shortest Path First (OSPF). The PIX Firewall implementation will support intra-area, inter-area and external routes. The distribution of static routes to OSPF processes and route redistribution between OSPF processes are also included.

To configure OSPF routing on the PIX Firewall, refer to "Configuring OSPF in the PIX Firewall" in the Cisco PIX Firewall and VPN Configuration Guide. The following new commands are added to the PIX Firewall Version 6.3 software to support OSPF routing: routing interface, router ospf, route-map, prefix-list, and so on. For a complete description of the command syntax for these new commands, refer to the Cisco PIX Firewall Command Reference.



The PIX 501 does not support OSPF.

Secure HyperText Transfer Protocol (HTTPS) Authentication Proxy

This new feature extends the capabilities of the PIX Firewall to securely authenticate HTTP sessions and adds support for HTTPS Authentication Proxy. To configure secure authentication of HTTP sessions, use the aaa authentication secure-http-client command. To configure secure authentication of HTTPS sessions, use the aaa authentication include https or the aaa authentication include tcp/0 command.

In PIX Firewall software prior to 6.3, configurations that include the **aaa authentication include tcp/0** command will inherit the HTTPS Authentication Proxy feature, which is enabled by default with a code upgrade to Version 6.3 or later.

Refer to Chapter 3, "Controlling Network Access and Use," in the "Enabling Secure Authentication of Web Clients" section of the *Cisco PIX Firewall and VPN Configuration Guide*.

For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.

Local User Authentication Database for Network and VPN Access

This feature allows cut-through and VPN (using xauth) traffic to be authenticated using the PIX Firewall local username database (as an alternative in addition to the existing authenticating via an external AAA server).

The server tag variable now accepts the value LOCAL to support cut-through proxy authentication using Local Database. For example:

aaa authentication include http inside 0.0.0.0 0.0.0.0 0.0.0.0 0.0.0.0 LOCAL

crypto map outside_map client authentication LOCAL

For more information on this feature, refer to "User Authentication Using the LOCAL Database" in the Cisco PIX Firewall and VPN Configuration Guide. For a complete description of the command syntax for this new command, refer to the Cisco PIX Firewall Command Reference.

HTTPS and FTP Web Request Filtering via Enhanced Websense Integration

This feature extends the existing Websense-based URL filtering to HTTPS and FTP.

The **filter ftp** and **filter https** commands were added to the **filter** command in the PIX Firewall Version 6.3 software. For information on configuring this command, refer to "Filtering HTTPS and FTP sites" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Advanced Encryption Standard (AES)

This feature adds support for securing site-to-site and remote access VPN connections with the new international encryption standard. It also provides software-based AES support on all supported PIX Firewall models and hardware-accelerated AES via the new VAC+ card on select PIX Firewall Security Appliance models.

The aes | aes-192| aes-256 option is added to the isakmp policy encryption command in PIX Firewall Version 6.3 software. To configure this command, refer "Configuring IKE" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Support for VPN Accelerator Card+ (VAC+)

PIX Firewall Version 6.3 adds support for the VAC+. VAC+ provides high-speed tunneling and encryption services for Virtual Private Network (VPN) remote access, and site-to-site intranet and extranet applications. The VAC+ is supported on any chassis that runs the Version 6.3 software, has an appropriate license to run VPN software, and has at least one PCI slot available.

For more information on the **show crypto interface [counters]** command, and a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

VPN NAT Traversal

This feature extends support for site-to-site and remote access IPSec-based VPNs to network environments that implement Network Address Translation (NAT) or Port Address Translation (PAT), such as airports, hotels, wireless hot spots, and broadband environments

This feature is added to the **isakmp nat-traversal** command in PIX Firewall Version 6.3 software. To configure this command, refer to "Using NAT Traversal" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

DHCP Server Support on Multiple Interfaces

PIX Firewall Version 6.3 allows as many integrated Dynamic Host Configuration Protocol (DHCP) servers to be configured as desired, and on any interface. DHCP client can be configured only on the outside interface, and DHCP relay agent can be configured on any interface. However, DHCP server and DHCP relay agent cannot be configured concurrently on the same PIX Firewall, but DHCP client and DHCP relay agent can be configured concurrently.

The [no] dhcpd address ip1[-ip2] if_name feature now allows dhcp servers to be configured as desired on any interface in the PIX Firewall Version 6.3 software. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Diffie-Hellman (DH) Group 5 Support

PIX Firewall Version 6.3 adds support for 1536-bit MODP Group that has been given the group 5 identifier.

Use the **isakmp policy group** command to specify the Diffie-Hellman group to be used in an IKE policy. To configure this command, refer to "Configuring IKE" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Verify Certificate Distinguished Name

This feature enables PIX Firewalls acting as either a VPN peer, site-to-site, or as an Easy VPN Remote (VPN Hardware Client) to validate that the Easy VPN Server or the other VPN Peer provides a certificate that matches an administrator specified criteria.

This feature was added to the **ca verifycertdn** command in PIX Firewall Version 6.3 software. To configure this command, refer to "Client Verification of the Easy VPN Server Certificate" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Cryptographic Engine Known Answer Test (KAT)

The function of KAT is to test the instantiation of the PIX Firewall crypto engine. The test will be performed every time during the PIX Firewall boot up before the configuration is read from Flash memory. KAT will be run for valid crypto algorithms for the current license on the PIX Firewall. KAT can also be run from the command line in privileged mode, using the **show crypto engine verify** command.

The **show crypto engine verify** command was added to the PIX Firewall Version 6.3 software. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Media Access Control (MAC) Based Authentication

This feature allows hosts to be exempted from a broader authentication requirement, based on their MAC addresses. This is essential for devices like printers and IP phones located inside a firewall.

The mac-list, aaa mac-exempt match <mac-list-id> and vpnclient mac-exempt <mac-add_1> <mac_mask_1> [<mac_addr_2> <mac_mask_2> commands are new commands. To configure this command on the PIX Firewall, refer to "Using MAC-Based AAA Exemption" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Small Office, Home Office (SOHO) Enhancements

DHCP Relay

Acting as a DHCP relay agent, the PIX Firewall can assist in dynamic configuration of IP hosts on any of its interfaces. It receives requests from hosts on a given interface and forwards them to a user-configured DHCP server on another interface. This can work in conjunction with sit-to-site or Easy VPN, enabling businesses to centrally manage their IP address.

To support this feature, the **dhcprelay** command was added to PIX Firewall Version 6.3 software. For more information on the **dhcprelay** command, refer to "DHCP Relay" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

PAT for FSP

PIX Firewall Version 6.3 provides the ability to PAT IP protocol 50 to support single IPSec user outbound access.

To support this feature, the **fixup protocol esp-ike** command was added to PIX Firewall Version 6.3 software. For more information on this command, refer to "IPSec" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Increased Firewall Performance on the PIX 501 and PIX 506E Security Appliances

PIX Firewall Version 6.3 unleashes new performance levels on the PIX 501 and PIX 506E, delivering up to six times more performance than previous software releases.

Increased Number of IPSec VPN Peers Supported on the PIX 501 Security Appliance

PIX Firewall Version 6.3 increases number of site-to-site and remote access VPN peers supported on the PIX 501 from 5 to 10, enabling greater VPN scalability in small office, home office (SOHO) environments.

Unlimited User License for the PIX 501 Security Appliance

With PIX 6.3, you can purchase or upgrade to an "Unlimited User License" for the PIX 501 which does not limit the hosts on the inside of the network that leverage applicable PIX resources. The Unlimited User License also increases the DCHP Server pool size to 256 addresses. Updates have also been made to ensure that the default factory configuration considers the PIX 501 User license installed in the device.

Easy VPN Server Load Balancing Support

The PIX Firewall VPN hardware client can participate in cluster-based concentrator load balancing. It supports VPN 3000 Series Concentrator load balancing with automatic redirection to the least utilized concentrator.

For more information on this command, refer to "Enabling Redundancy" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Dynamic Downloading of Backup Easy VPN Server Information

Support for downloading a list of backup concentrators defined on the head-end.

The **vpngroup** <code>group_name</code> **backup-server** {{ip1 [ip2... ip10]} | **clear-client-cfg**} command is a new command added to the PIX Firewall Version 6.3 software. For more information on this command, refer to "Enabling Redundancy" in the <code>Cisco PIX Firewall</code> and <code>VPN Configuration Guide</code>. For a complete description of the command syntax for this new command, refer to the <code>Cisco PIX Firewall Command Reference</code>.

Easy VPN Internet Access Policy

PIX Firewall Version 6.3 changes the behavior of a PIX Firewall used as an Easy VPN Remote device in regard to Internet access policy for users on the protected network. The new behavior occurs when split tunneling is enabled on the Easy VPN Server. Split tunneling is a feature that allows users connected through the PIX Firewall to access the Internet in a clear text session, without using a VPN tunnel.

The PIX Firewall used as an Easy VPN Remote device downloads the split tunneling policy and saves it in its local Flash memory when it first connects to the Easy VPN Server. If the policy enables split tunneling, users connected to the network protected by the PIX Firewall can connect to the Internet regardless of the status of the VPN tunnel to the Easy VPN Server.

For information about configuring the split tunneling policy on a PIX Firewall used as an Easy VPN Remote Server, refer to Chapter 8, "Managing VPN Remote Access," in the PIX Firewall and VPN Configuration Guide.

Custom Backup Concentrator Timeout

This feature constitutes a configurable time out on the PIX Firewall connection attempts to a VPN headend, thereby controlling the latency involved in rolling over to the next backup concentrator on the list.

This feature is added to the **vpngroup** command in PIX Firewall Version 6.3 software. For more information on this command, refer to "Enabling Redundancy" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Easy VPN X.509 Certificate Support

X.509 certificates are used to access secure network systems. Users obtain certificates so they can identify themselves, present their access credentials, and obtain a secure network connection with other approved secure users or systems.

For more information on this command, refer to "Using X.509 Certificates" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Flexible Easy VPN Management Solutions

In PIX Firewall Version 6.3, managing the PIX Firewall using the outside interface will not require the traffic to flow over the VPN tunnel. You will have the flexibility to require all NMS traffic to flow over the tunnel or fine tune this policy.

This feature was added to the **vpnclient management** command in the PIX Firewall Version 6.3 software. For configuration information, refer to "Controlling Remote Administration" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

User-Level Authentication

Support for individually authenticating clients (IP address based) on the inside network of the VPN hardware client. Both static and One Time Password (OTP) authentication mechanisms are supported. This is done through a web-based interface.

This new feature was added to the **vpngroup** command in PIX Firewall Version 6.3 software. For more information on this command, refer to "Using Authentication and Authorization" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Secure Unit Authentication

This feature provides the ability to use dynamically generated authentication credentials to authenticate the Easy VPN Remote (VPN Hardware Client) device.

The secure-unit-authentication feature is added to the **vpngroup** command in the PIX Firewall Version 6.3 software. For configuration information, refer to "Using Secure Unit Authentication" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.

Easy VPN Web Interface for Manual Tunnel Control User Authentication and Tunnel Status

With the introduction of the User-Level Authentication and Secure Unit Authentication, features the PIX Firewall delivers the ability to enter the credentials, connect/dis-connect the tunnel and monitor the connection using new web pages served to users when attempting access to the VPN tunnel or unprotected networks through the PIX Firewall. This is only applicable to the Easy VPN Remote feature.

For configuration information, refer to "Connecting to PIX Firewall Over a VPN Tunnel" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new feature, refer to the *Cisco PIX Firewall Command Reference*.

Security Fixups (Application Inspection) Enhancements

PPTP Fixup

This feature lets point-to-Point Tunneling Protocol (PPTP) traffic traverse the PIX Firewall when configured for PAT, performing stateful PPTP packet inspection in the process.

To configure PPTP Fixup on the PIX Firewall, refer to "PPTP Configuration" in the *Cisco PIX Firewall* and *VPN Configuration Guide*. The **fixup protocol pptp 1723** command configures PPTP Fixup. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

H.323 Version 3 and 4 Support

With PIX Firewall Version 6.3, the PIX Firewall will support NAT and PAT for H.323 versions 3 and 4 messages, and in particular, the H.323 v3 feature Multiple Calls on One Call Signaling Channel.

This feature is added to the **fixup protocol h.323** command in the PIX Firewall Version 6.3 software. For more information on this command, refer to "H.323" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

CTIQBE Fixup

Known also as TAPI/JTAPI Fixup, this feature incorporates a Computer Telephony Interface Quick Buffer Encoding (CTIQBE) protocol inspection module that supports NAT, PAT, and bi-directional NAT. This enables Cisco IP SoftPhone & other Cisco TAPI/JTAPI applications to work and communicate successfully with Cisco CallManager for call setup and voice traffic across the PIX Firewall.

This feature is added to the **fixup protocol ctiqbe 2748** command in the PIX Firewall Version 6.3 software. For more information on this command, refer to "Voice over IP" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

MGCP Fixup

PIX Firewall Version 6.3 adds support for Media Gateway Control Protocol (MGCP) 1.0, enabling messages between Call Agents and VoIP media gateways to pass through the PIX Firewall in a secure manner.

To configure the **fixup protocol mgcp** command, refer to "Configuration for Multiple Call Agents and Gateways" in the *Cisco PIX Firewall and VPN Configuration Guide*. The following new commands are added to the PIX Firewall Version 6.3 software to supprot this new command: **debug mgcp**, **fixup protocol mgcp**, and so on. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

PAT for Skinny

This feature allows Cisco IP Phones to communicate with Cisco CallManager across the PIX Firewall when it is configured with PAT. This is particularly important in a remote access environment where Skinny IP phones behind a PIX Firewall talk to the CallManager at the corporate site through a VPN.

This feature is added to the **fixup protocol skinny** command in the PIX Firewall Version 6.3 software. For more information on this command, refer to "SCCP" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Configurable SIP UDP Fixup

This provides a CLI-enabled solution for non-Session Information Protocol (SIP) packets to pass through the PIX Firewall instead of being dropped when they use a SIP UDP port (note that SIP UDP Fixup itself has been available since PIX Firewall Version 5.2).

This feature is added to the **fixup protocol sip** *udp* command in the PIX Firewall Version 6.3 software. For more information on this command, refer to "SIP" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Fixup Protocol ICMP Error

PIX Firewall Version 6.3 introduces the ability to NAT ICMP error messages.

The **icmp error** feature was added to the **fixup protocol** command in the PIX Firewall Version 6.3 software. For information on configuring this feature, refer to "ICMP" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Management Enhancements

ACL Editing

The Access Control List (ACL) editing feature provides users flexibility to insert or delete any access list element in an access list. The access list, with line numbers, will be shown with the **show access-list** <access-list-id> command and not with the **show running-config** command or **write terminal** command.

The **line**-num feature was added to the **access-list** command in the PIX Firewall Version 6.3 software. For information on configuring this feature, refer to "Enabling Inbound Connections" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Syslog by ACL Entry

This feature allows users to configure a specific Access Control List (ACL) entry with a logging option. When such an option is configured, statistics for each flow that matches the permit or deny conditions of the ACL entry are logged.

To configure the log option in the **access-list** command on the PIX Firewall, refer to "Logging Access Control List Activity" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.

Assignable Syslog Levels by Message

PIX Firewall Version 6.3 includes the ability to reassign the level of any syslog, allowing easy grouping of syslogs of interest.

The *level* option in the **logging** command is added to the PIX Firewall Version 6.3 software. For more information on this command, refer to "Enabling Logging to Syslog Servers" in the *Cisco PIX Firewall* and VPN Configuration Guide. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Custom Logging Identifier

Allows a custom firewall identifier to be selected, such as an interface IP address, that will be included in all syslog messages to improve the centralized reporting of firewall events.

This new feature is added to the **logging** command. For configuration information, refer to "Enabling Logging to Syslog Servers" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.

Cisco Logging Format

This feature will help users to log messages in Cisco EMBLEM format to a syslog server. The EMBLEM format is available for both messages with and without timestamp.

This new feature is added to the **logging** command. For configuration information, refer to "Enabling Logging to Syslog Servers" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.

Comments/Remarks in Access Control Lists (ACLs)

This feature allows users to include comments in access lists to make the ACL easier to understand and scan.

To configure the **access-list** *id* [**line** *line-num*] **remark** *text* command, in the **access-list** command, refer to "Enabling Inbound Connections" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Interface Name as Address in ACLs

Users running the DHCP client on the PIX Firewall outside interface will no longer have to adjust their access lists every time the outside DHCP address is changed by their ISP.

The **interface** *if_name* command was added to the PIX Firewall Version 6.3 software. For information on configuring this feature, refer to "Enabling Inbound Connections" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Custom Administrative Access Banner Messages

Users will be able to configure a message-of-the-day (motd), a login, and an exec banner that will be presented to users who access the PIX Firewall via the console, SSH, and Telnet.

To configure the **banner** command, refer to "Configuring PIX Firewall Banners" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Console Connection Inactivity Timeout

Protects console from unauthorized administrative access by automatically logging out sessions after a configurable period of inactivity

The **console** command is a new command added to the PIX Firewall Version 6.3 software. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

show Command Output Filter

This feature provides the ability to filter or search through the full output of **show** commands.

For information on the **show** *command_keywords* [| {**include** | **exclude** | **begin** | **grep** [-**v**]} *regexp*] command, refer to Chapter 1, "Getting Started" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Remote Management Enhancements

This feature enables administrators to remotely manage firewalls over a VPN tunnel using the inside interface IP address of the remote PIX Firewall. In fact, administrators can define any PIX Firewall interface for management-access. This feature supports PDM, SSH, Telnet, SNMP, and so on, that requires a dynamic IP address. This feature significantly benefits broadband environments.

The **management-access** command is a new command added to the PIX Firewall Version 6.3 software. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced show version Command

The output of the **show version** command is enhanced to display additional information.

For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Increase Length of the PIX Firewall Host Name

Change the maximum allowed length of the host name to 63 characters. Change the maximum allowed length of the domain name from 64 to 63. This limits the maximum fully qualified domain name (plus terminating 0) to 127 bytes.

This new feature is added to the **hostname** command in the PIX Firewall Version 6.3 software. For configuration information, refer to "Using IKE with Pre-Shared Keys" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for these new commands, refer to the *Cisco PIX Firewall Command Reference*.

Serviceability Features

Stack Trace in Flash Memory

This feature enables the stack trace to be stored in non-volatile Flash Memory, so that it can be retrieved at a later time for debug/troubleshooting purposes.

The **crashinfo** command is a new command added to the PIX Firewall Version 6.3 software. For more information on this new command, refer to "Saving Crash information to Flash Memory" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced show tech Command

This feature enhances the current **show tech** command output to include additional diagnostic information.

For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced debug Command and Support

These commands turn off all active debugs at once, and restore the PIX Firewall to normal operation.

The no debug all, undebug all, debug arp, crypto vpnclient, debug aaa [authentication | authorization | accounting | internal] commands were added to the debug command in the PIX Firewall Version 6.3 software. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Modification to GE Hardware Speed Settings

Modification to GE Hardware Speed Settings - Half duplex option removed. The Gigabit Ethernet cards can be configured by hardware in TBI or GMII mode. TBI mode does not support half duplex. GMII mode supports both half duplex and full duplex. All the i8255x controllers used in the PIX Firewalls are configured for TBI and thus cannot support half-duplex mode, hence the half-duplex setting is removed.

For more information, refer to "Identifying the Interface Type" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced arp Command

New features were added to the **arp** command in the PIX Firewall Version 6.3 software. For more information on this new command, refer to "Setting Default Routes" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new command, refer to the *Cisco PIX Firewall Command Reference*.

Enhanced capture Command

Users can now specify the **capture** command to store the packet capture in a circular buffer. The capture will continue writing packets to the buffer until it is stopped by the administrator.

For configuration information, refer to "Capturing Packets" in the *Cisco PIX Firewall and VPN Configuration Guide*. For a complete description of the command syntax for this new feature, refer to the *Cisco PIX Firewall Command Reference*.

Important Notes

Important Notes in Release 6.3(3)

Readme Document for the Conduits and Outbound List Conversion Tool 1.2

The PIX Outbound/Conduit Conversion tool assists in converting configurations with outbound or conduit commands to similar configurations using Access Control Lists (ACLs). ACL based configurations provide uniformity and leverage the powerful ACL feature set. ACL based configurations provide the following benefits:

- Access-list Element (ACE) Insertion capability System configuration and management is greatly simplified by the ACE insertion capability that allows users to add, delete or modify individual ACEs.
- ACL supports remarks ACL entries can be identified easily within large system configurations using remarks.
- Turbo ACLs Turbo ACLs provide enhanced performance and scalability for ACL compilation.
- · Object-grouping support Object-groups are not supported by the outbound command
- ACLs are commonly employed by most PIX features to define traffic designated for that feature (IPsec, nat 0, AAA, etc.)
- All the new developments in PIX are geared towards ACL (time based and outbound ACL) based configurations.

Important Notes in Release 6.3(2)

Major releases beyond PIX Firewall Version 6.3 will not support the conduit and outbound commands.

Important Notes in Release 6.3

This section describes important notes for Version 6.3.

ACL Source Address Change When an Alias is Configured

When the **alias** command is used for destination address translation, an inbound message originating from the *foreign_ip* source address is translated to the *dnat_ip* address. If you configure an inbound ACL with an address defined by the **alias** command, you must use the *foreign_ip* address as the ACL source address instead of the *dnat_ip* address, as was used in Release 6.2. The ACL check is now done before the translation occurs, which is consistent with the way the firewall treats other NATed addresses in ACLs.

Interface Settings on the PIX 501 and PIX 506E

With the PIX Firewall Version 6.3, the settings for the following interfaces have been updated as follows:

- PIX 501 outside interface (port 0) 10/100 Mbps half or full duplex
- PIX 501 inside interface 10/100 Mbps half or full duplex
- PIX 506E inside interface 10/100 Mbps half or full duplex
- PIX 506E outside interface 10/100 Mbps half or full duplex



When upgrading the PIX 501 to Version 6.3, the inside interface is automatically upgraded to 100 Mbps full duplex. During the upgrade process the system displays the message "ethernet1 interface can only be set to 100full."

Upgrading the PIX 506 and the PIX 515

When upgrading a classic PIX 506 or PIX 515 (the non "E" versions) to PIX Firewall OS Version 6.3, the following message(s) might appear when rebooting the PIX Firewall for the first time after the upgrade:

ethernet0 was not idle during boot.

ethernet1 was not idle during boot.

These messages (possibly one per interface) will be followed by a reboot. This is a one-time event and is a normal part of the upgrade on these platforms.

Easy VPN Remote and Easy VPN Server

The PIX 501 and PIX 506/506E are both Easy VPN Remote and Easy VPN Server devices. The PIX 515/515E, PIX 525, and PIX 535 act as Easy VPN Servers only.

The PIX 501 and PIX 506/506E can act as Easy VPN Remote devices or Easy VPN Servers so that they can be used either as a client device or VPN headend in a remote office installation. The PIX 515/515E, PIX 525, and PIX 535 act as Easy VPN Servers only because the capacity of these devices makes them appropriate VPN headends for higher-traffic environments.

PIX 535 Interfaces

These practices must be followed to achieve the best possible system performance on the PIX 535:

- PIX-1GE-66 interface cards should be installed first in the 64-bit/66 MHz buses before they are installed in the 32-bit/33 MHz bus. If more than four PIX-1GE-66 cards are needed, they may be installed in the 32-bit/33 MHz bus but with limited potential throughput.
- PIX-VACPLUS should be installed in a 64-bit/66 MHz bus to avoid degraded throughput.
- PIX-1GE and PIX-1FE cards should be installed first in the 32-bit/33 MHz bus before they are installed in the 64-bit/66 MHz buses. If more than five PIX-1GE and/or PIX-1FE cards are needed, they may be installed in a 64-bit/66 MHz bus but doing so will lower that bus speed and limit the potential throughput of any PIX-1GE-66 card installed in that bus.

The PIX-1GE Gigabit Ethernet adaptor is supported in the PIX 535; however, its use is strongly discouraged because maximum system performance with the PIX-1GE card is much slower than that with the PIX-1GE-66 card. The software displays a warning at boot time if a PIX-1GE is detected.

Table 2 summarizes the performance considerations of the different interface card combinations.

Table 2 Gigabit Ethernet Interface Card Combinations

| Interface Card Combination | Installed In Interface Slot Numbers | Potential Throughput |
|--|--|----------------------|
| Two to four PIX-1GE-66 | 0 through 3 | Best |
| PIX-1GE-66 combined with PIX-1GE or just PIX-1GE cards | 0 through 3 | Degraded |
| Any PIX-1GE-66 or PIX-1GE | 4 through 8 | Severely degraded |



The PIX-4FE and PIX-VPN-ACCEL cards can only be installed in the 32-bit/33 MHz bus and must never be installed in a 64-bit/66 MHz bus. Installation of these cards in a 64-bit/66 MHz bus may cause the system to hang at boot time.



If Stateful Failover is enabled, the interface card and bus used for the Stateful Failover LAN port must be equal to or faster than the fastest card used for the network interface ports. For example, if your inside and outside interfaces are PIX-1GE-66 cards installed in bus 0, then your Stateful Failover interface must be a PIX-1GE-66 card installed in bus 1. A PIX-1GE or PIX-1FE card cannot be used in this case, nor can a PIX-1GE-66 card be installed in bus 2 or share bus 1 with a slower card.

Caveats

The following sections describe the caveats for the 6.3 release.

For your convenience in locating caveats in Cisco's Bug Toolkit, the caveat titles listed in this section are drawn directly from the Bug Toolkit database. These caveat titles are not intended to be read as complete sentences because the title field length is limited. In the caveat titles, some truncation of wording or punctuation may be necessary to provide the most complete and concise description. The only modifications made to these titles are as follows:

- Commands are in **boldface** type.
- Product names and acronyms may be standardized.
- Spelling errors and typos may be corrected.



If you are a registered cisco.com user, view Bug Toolkit on cisco.com at the following website:

http://www.cisco.com/kobayashi/support/tac/tools_trouble.shtml

To become a registered cisco.com user, go to the following website:

http://tools.cisco.com/RPF/register/register.do

Open Caveats - Release 6.3(4)

Table 3 Open Caveats

| | Software Release 6.3(4) | | |
|------------|-------------------------|---|--|
| ID Number | Corrected | Caveat Title | |
| CSCed10049 | No | Traceback initpix/intf5 in PIX 515E with 4port FE and Kodiak card | |
| CSCef16218 | No | PIX alters seq num on ftp control channel with outside nat. | |
| CSCdw04354 | No | Cisco PIX FW needs to better handle incomplete AAA authentication | |
| CSCea40885 | No | PIX - Capture sometimes records wrong MAC addr for PIXs interface | |
| CSCea43211 | No | Potential failure of TCP connection recovery scenario through PIX | |
| CSCeb32807 | No | PIX stops receiving high rate traffic at VLAN interface | |
| CSCed11522 | No | PIX SMTP fixup and banner hiding issue. | |
| CSCef05997 | No | PIX 515 traceback in isakmp_time_keeper. | |
| CSCef07029 | No | PIX traceback in Thread Name: listen/telnet_1. | |
| CSCef10485 | No | PIX assigns the first time wrong IP address to VPNclient. | |
| CSCef15146 | No | RIP may put the routes with bigger metric into the routing table | |
| CSCef17488 | No | PIX SIP fixup does not map RTP port correctly | |
| CSCef17703 | No | Memory leak and unexpected invalid SPI with dynamic crypto map | |

Table 3 Open Caveats (continued)

| | Software Release 6.3(4) | |
|-------------|-------------------------|---|
| ID Number | Corrected | Caveat Title |
| CSCef17728, | No | Telnet negotiation may fail with pix intermittently |
| CSCef16873, | No | No Audio During SIP Gateway Call |

Resolved Caveats - Release 6.3(4)

Table 4 Resolved Caveats

| | Software Release 6.3(4) | |
|------------|-------------------------|---|
| ID Number | Corrected | Caveat Title |
| CSCdy54228 | Yes | PIX syslog 611103 incorrectly logged when user never |
| CSCea94045 | Yes | ID payload contains protocol 17 but port 0 |
| CSCeb29981 | Yes | Pix FW in failover mode w/banner greater than 512 |
| CSCeb32807 | Yes | PIX stops receiving high rate traffic at VLAN interface |
| CSCeb39437 | Yes | rip inside default v2 broken when management-access inside |
| CSCeb42088 | Yes | PIX traceback in https_proxy |
| CSCeb77142 | Yes | OSPF not able to handle fragmented packets |
| CSCeb78874 | Yes | PIX Standby stuck in reboot loop trying to clear |
| CSCeb78876 | Yes | Adverse effects of multiple NTP servers and OSPF |
| CSCeb81267 | Yes | RIPv2 mcast update sent out on a no RIP configure |
| CSCec03849 | Yes | RIPv2 mcast update sent out on a no RIP configure interface |
| CSCec04989 | Yes | SIP PIX sometimes add extra CRLF at the end of SDP body |
| CSCec09043 | Yes | SIP PIX does not translate via address in 200 and 401 |
| CSCec12942 | Yes | H.323 ACF/LCF data not changed with fixup |
| CSCec13051 | Yes | PIX might reboot in ci/console thread while doing show cry |
| CSCec15510 | Yes | ICMP type 3 code 4 not sent back to inside with IPSEC + |
| CSCec19113 | Yes | Non-existing hosts counted towards the license on PIX 501 |
| CSCec20284 | Yes | PIX crash in thread PIX Garbage Collector in pix_gc |
| CSCec20686 | Yes | H323 issue when rtp endpoints are diff to call control |
| CSCec20807 | Yes | isakmp_time_keeper crash |
| CSCec24103 | Yes | traceback in riprx/1 when enabling rip default inside |
| CSCec27881 | Yes | LCP is not dropped after Authenticate-Request retry |
| CSCec30203 | Yes | [SIP] PIX drops rtp packets for inside to outside calls |
| CSCec31274 | Yes | PIX crash in turboacl_process issuing access-list compiled |
| CSCec31498 | Yes | Vulnerability Issues in SSL |
| CSCec35886 | Yes | One way voice occur after PIX failover during call |

Table 4 Resolved Caveats (continued)

| D Number Corrected Caveat Title | | Software Release 6.3(4) | |
|--|------------|-------------------------|--|
| CSCec42449 Yes PPPoE session doesn't recover from lost PADS packets CSCec45239 Yes Standby PIX sends incorrect packet during boot sequence CSCec4748 Yes New DNS conns reset the idle timer of previous DNS conns. CSCec47609 Yes PIX resets xlate idle counter to 0 even for denied CSCec50002 Yes PIX may crash after using ca generate rsa key 1024 CSCec54201 Yes DNS port translated when using downloadable access-list CSCec54201 Yes PPTP tunnels using MPPE and Downloadable access-list CSCec54641 Yes PPTP tunnels using MPPE and Downloadable ACLs do not work CSCec50303 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec5013 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63529 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64902 Yes Tixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec67309 Yes PIX raceback after issuing cl cry cmds during heavy ypn CSCec7361 Yes sh access-list grep xxx may cause ping through device to CSCec7387 Yes PIX raceback in pix/intf1 thread CSCec7387 Yes P | ID Number | Corrected | Caveat Title |
| CSCec45239 Yes Standby PIX sends incorrect packet during boot sequence CSCec45748 Yes New DNS conns reset the idle timer of previous DNS conns. CSCec47609 Yes PIX resets xlate idle counter to 0 even for denied CSCec50002 Yes PIX may crash after using ca generate rsa key 1024 CSCec54201 Yes DNS port translated when using downloadable access-list CSCec54641 Yes PPTP tunnels using MPPE and Downloadable ACLs do not work CSCec55508 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec55013 Yes PIX: TIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63529 Yes Policy NAT does not co-exist with normal nat configuration CSCec64315 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64302 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72563 Yes PIX - OSPF learned routes not used in routing decision CSCec72569 Yes RADIUS passwords limited to 16 characters max PIX traceback in pix/intf1 thread CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec7990 Yes PIX traceback in pix/intf1 thread CSCec7990 Yes PIX crashes during config update (solsoft) CSCec6227 Yes PIX of the pix of the pix of the using NAT-T CSCec6227 Yes PIX of the pix of the using PIX | CSCec42006 | Yes | PPPoE can not add default route if OSPF-sourced default |
| CSCec47609 Yes PIX resets xlate idle counter to 0 even for denied CSCec50002 Yes PIX may crash after using ca generate rsa key 1024 CSCec54201 Yes DNS port translated when using downloadable access-list CSCec54201 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec55508 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec55013 Yes PIX:CTIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63529 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64202 Yes ViP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec7399 Yes PIX traceback in pix/intf1 tread CSCec75949 Yes PIX traceback in pix/intf1 tread CSCec75949 Yes PIX traceback in pix/intf1 tread CSCec75949 Yes PIX - OSPF learned routes not used in routing decision CSCec8285 Yes PIX - OSPF learned routes not used in routing decision CSCec82686 Yes PIX - OSPF learned routes not used in routing decision CSCec82686 Yes PIX - OSPF learned froutes not used in routing decision CSCec75949 Yes PIX traceback in pix/intf1 tread CSCec75940 Yes PIX traceback in pix/intf1 tread CSCec82686 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCec86309 Yes AES with PPPoE causes invalid fragme | CSCec42449 | Yes | PPPoE session doesn't recover from lost PADS packets |
| CSCec47609 Yes PIX resets xlate idle counter to 0 even for denied CSCec50002 Yes PIX may crash after using ca generate rsa key 1024 CSCec54201 Yes DNS port translated when using downloadable access-list CSCec54641 Yes PPTP tunnels using MPPE and Downloadable ACLs do not work CSCec55508 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec59013 Yes PIX:CTIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63529 Yes Policy NAT does not co-exist with normal nat configuration CSCec643822 Yes Very large ACLs (>200K) may not compile, have very poor CSCec644002 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes PIX traceback in pix/intf1 thread CSCec7698 Yes PIX - OSPF learned routes not used in routing decision CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86309 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00418 Yes SIP:uDP checksum not recalc after modifying payload CSCed00418 Yes SIP:uDP checksum not recalc after modifying payload | CSCec45239 | Yes | Standby PIX sends incorrect packet during boot sequence |
| CSCec50002 Yes PIX may crash after using ca generate rsa key 1024 CSCec5401 Yes DNS port translated when using downloadable access-list CSCec54641 Yes PPTP tunnels using MPPE and Downloadable ACLs do not work CSCec55508 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec695013 Yes PIX:CTIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63822 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64202 Yes ViP:3rd party route with no port not NATd if using PAT GSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec66430 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec72699 Yes PIX traceback in pix/intf1 thread CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec79790 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCe68630 Yes PIX - See PIX sole endless reboot running 6.3.3-109 fover_rep thread CSCe68630 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:media port not translated in in-out-in scenario CSCed00481 Yes Identity certificate lost after reload of PIX CSCed02812 Yes Identity certificate lost after reload of pix | CSCec45748 | Yes | New DNS conns reset the idle timer of previous DNS conns. |
| CSCec54201 Yes DNS port translated when using downloadable access-list CSCec54641 Yes PPTP tunnels using MPPE and Downloadable ACLs do not work CSCec55508 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec69013 Yes PIX:CTIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63822 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64202 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73940 Yes SIP] PIX drops RTP because of fail to match CSeq of CSCec77990 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec8227 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes SIP:UDP checksum not translate local ip in 0 header of sdp | CSCec47609 | Yes | PIX resets xlate idle counter to 0 even for denied |
| CSCec54641 Yes PPTP tunnels using MPPE and Downloadable ACLs do not work CSCec55508 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec59013 Yes PIX:CTIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63529 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64202 Yes VIP:3rd party route with no port not NATd if using PAT CSCec64322 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec66432 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes SIP] PIX drops RTP because of fail to match CSeq of CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00481 Yes Identity certificate lost after reload of PIX CSCed02843 Yes Identity certificate lost after reload of PIX | CSCec50002 | Yes | PIX may crash after using ca generate rsa key 1024 |
| CSCec55508 Yes PIX send 0.0.0.0 as caller-id for enable authentication CSCec59013 Yes PIX:CTIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPScc client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63529 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64215 Yes VIP:3rd party route with no port not NATd if using PAT CSCec64302 Yes fixup protocol pptp not aware of change in outside ip CSCec64303 Yes Remark:PIX does not remove remark entry with line number CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86309 Yes AES with PPDe causes invalid fragmentation CSCec86309 Yes AES with PPDe causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes Identity certificate lost after reload of PIX CSCed02843 Yes Identity certificate lost after reload of PIX CSCed02843 Yes Identity certificate lost after reload of PIX | CSCec54201 | Yes | DNS port translated when using downloadable access-list |
| CSCec59013 Yes PIX:CTIQBE not opening outbound pin-holes for RTP CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63529 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64902 Yes VIP:3rd party route with no port not NATd if using PAT CSCec64321 Yes fixup protocol pptp not aware of change in outside ip CSCec64322 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPDe causes invalid fragmentation CSCec86309 Yes SIP:UDP checksum not recale after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in 0 header of sdp | CSCec54641 | Yes | PPTP tunnels using MPPE and Downloadable ACLs do not work |
| CSCec60851 Yes SIP Fixup does not fix second Contact Field in SDP packet CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63822 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64902 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec768227 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec63009 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes IIdentity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translated in in-out-in scenario | CSCec55508 | Yes | PIX send 0.0.0.0 as caller-id for enable authentication |
| CSCec61095 Yes NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63528 Yes Policy NAT does not co-exist with normal nat configuration CSCec63529 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64215 Yes VIP:3rd party route with no port not NATd if using PAT CSCec64902 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec75949 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed004812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec59013 | Yes | PIX:CTIQBE not opening outbound pin-holes for RTP |
| CSCec61249 Yes Remark in downloadable ACL crashes the PIX CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63822 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64902 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72584 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73787 Yes PIX drops RTP because of fail to match CSeq of CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPDE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translated local ip in o header of sdp | CSCec60851 | Yes | SIP Fixup does not fix second Contact Field in SDP packet |
| CSCec63528 Yes HTTPS stress testing causes 4 byte block depletion CSCec63528 Yes Policy NAT does not co-exist with normal nat configuration CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64902 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72584 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translated in in-out-in scenario | CSCec61095 | Yes | NAT-T doesn't work from MS L2TP over IPSec client /w NAT-T |
| CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64902 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:media port not translated in in-out-in scenario CSCed002812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translated local ip in o header of sdp | CSCec61249 | Yes | Remark in downloadable ACL crashes the PIX |
| CSCec64215 Yes Very large ACLs (>200K) may not compile, have very poor CSCec64902 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73787 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec7327 Yes primary PIX crashes during config update (solsoft) CSCec7328 Yes PIX - VPN client fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed002812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translated local ip in o header of sdp | CSCec63528 | Yes | HTTPS stress testing causes 4 byte block depletion |
| CSCec64902 Yes VIP:3rd party route with no port not NATd if using PAT CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec63822 | Yes | Policy NAT does not co-exist with normal nat configuration |
| CSCec66432 Yes fixup protocol pptp not aware of change in outside ip CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec78327 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed002812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec64215 | Yes | Very large ACLs (>200K) may not compile, have very poor |
| CSCec69869 Yes Remark:PIX does not remove remark entry with line number CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec73949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX [SIP] PIX does not translate local ip in o header of sdp | CSCec64902 | Yes | VIP:3rd party route with no port not NATd if using PAT |
| CSCec70390 Yes PIX traceback after issuing cl cry cmds during heavy vpn CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec75949 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed002812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec66432 | Yes | fixup protocol pptp not aware of change in outside ip |
| CSCec72561 Yes sh access-list grep xxx may cause ping through device to CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec69869 | Yes | Remark:PIX does not remove remark entry with line number |
| CSCec72583 Yes PIX - OSPF learned routes not used in routing decision CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec70390 | Yes | PIX traceback after issuing cl cry cmds during heavy vpn |
| CSCec72698 Yes RADIUS passwords limited to 16 characters max CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec72561 | Yes | sh access-list grep xxx may cause ping through device to |
| CSCec73787 Yes PIX traceback in pix/intf1 thread CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec72583 | Yes | PIX - OSPF learned routes not used in routing decision |
| CSCec75949 Yes [SIP] PIX drops RTP because of fail to match CSeq of CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec72698 | Yes | RADIUS passwords limited to 16 characters max |
| CSCec78327 Yes primary PIX crashes during config update (solsoft) CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec73787 | Yes | PIX traceback in pix/intf1 thread |
| CSCec79790 Yes IUA with EZVPN fails - Server PIX sends hostname instead CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec75949 | Yes | [SIP] PIX drops RTP because of fail to match CSeq of |
| CSCec82685 Yes PIX - VPN client fails to connect to PIX when using NAT-T CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec78327 | Yes | primary PIX crashes during config update (solsoft) |
| CSCec86227 Yes PIX 520 endless reboot running 6.3.3-109 fover_rep thread CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec79790 | Yes | IUA with EZVPN fails - Server PIX sends hostname instead |
| CSCec86309 Yes AES with PPPoE causes invalid fragmentation CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec82685 | Yes | PIX - VPN client fails to connect to PIX when using NAT-T |
| CSCed00488 Yes SIP:UDP checksum not recalc after modifying payload CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec86227 | Yes | PIX 520 endless reboot running 6.3.3-109 fover_rep thread |
| CSCed00915 Yes SIP:media port not translated in in-out-in scenario CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCec86309 | Yes | AES with PPPoE causes invalid fragmentation |
| CSCed02812 Yes Identity certificate lost after reload of PIX CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCed00488 | Yes | SIP:UDP checksum not recalc after modifying payload |
| CSCed02843 Yes [SIP] PIX does not translate local ip in o header of sdp | CSCed00915 | Yes | SIP:media port not translated in in-out-in scenario |
| | CSCed02812 | Yes | Identity certificate lost after reload of PIX |
| CSCed03100 Yes SIP:m= port not translated when no session c= in SDP of | CSCed02843 | Yes | [SIP] PIX does not translate local ip in o header of sdp |
| | CSCed03100 | Yes | SIP:m= port not translated when no session c= in SDP of |

Table 4 Resolved Caveats (continued)

| D Number Corrected Caveat Title | | Software Release 6.3(4) | |
|--|------------|-------------------------|---|
| CSCed07957 Yes Radius Timers were not used if uauth is denied by CSCed09193 Yes PIX:TACACS+ accounting sending START before 3-way CSCed11976 Yes [SIP] PIX drops media stream in case of using some kind of CSCed12098 Yes pix smtp fixup doesn't handle multiline banners correctly CSCed12881 Yes ysyName does not return FQDN. Violates RFC spec CSCed12948 Yes [Psec SA is created when mismatch subnet mask CSCed16070 Yes PIX Split DNS EZVPN - previous NAT is not undone after CSCed16688 Yes PIX traceback in small_frag_append with Websense filtering CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17046 Yes PIX reloads and crashes in fixup_pptp CSCed18857 Yes PPPOE:Traceback with sh vpdn pppint with no PPPoE CSCed2935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed318963 Yes TCP checks should verify RST seq number for conns to the CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed33053 Yes ARP cache on neighbors may get corrupt during partial CSCed42307 Yes PIX config not being written to Secondary PIX flash memory CSCed41380 Yes PIX config not being written to Secondary PIX flash memory CSCed41300 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX config not being written to Secondary PIX flash memory CSCed43501 Yes PIX config not being written to Secondary PIX flash memory CSCed43501 Yes PIX config not being written to Secondary PIX flash memory CSCed43501 Yes PIX config not being written to Secondary PIX flash memory CSCed43501 Yes PIX config not being written to Secondary PIX flash memory CSCed43501 Yes PIX config not being | ID Number | Corrected | Caveat Title |
| CSCed1976 Yes PIX:TACACS+ accounting sending START before 3-way CSCed11976 Yes [SIP] PIX drops media stream in case of using some kind of CSCed12988 Yes pix smtp fixup doesn't handle multiline banners correctly CSCed12881 Yes sysName does not return FQDN. Violates RFC spec CSCed12948 Yes Pix Split DNS EZVPN - previous NAT is not undone after CSCed16070 Yes PIX Split DNS EZVPN - previous NAT is not undone after CSCed16868 Yes PIX traceback in small_frag_append with Websense filtering CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17046 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed37136 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38963 Yes PIX crashes in TACACS+ process CSCed41138 Yes PIX crashes in TACACS+ process CSCed41389 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX prophy indow too small CSCed52666 Yes Standby PIX cannot update an arp table CSCed52666 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed55972 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left at | CSCed05397 | Yes | Traceback in isakmp_receiver thread under load, related to |
| CSCed1976 Yes [SIP] PIX drops media stream in case of using some kind of CSCed12098 Yes pix smtp fixup doesn't handle multiline banners correctly SysName does not return FQDN. Violates RFC spec CSCed12948 Yes IPsec SA is created when mismatch subnet mask CSCed16070 Yes PIX Split DNS EZVPN - previous NAT is not undone after CSCed16868 Yes PIX traceback in small_frag_append with Websense filtering CSCed17004 Yes Large number of NTP packets are sent after failover CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25749 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31169 Yes CPC hecks should verify RST seq number for conns to the CSCed38063 Yes GSP E2 Route Selection in PIX OS Is Different Then Cisco CSCed38063 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX crashes in TACACS+ process PIX - TFTP does not work with names longer than 19 CSCed43501 Yes PIX crashes in TACACS+ process PIX - TFTP does not work with names longer than 19 CSCed43501 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - TFTP does not work with names longer than 19 CSCed43501 Yes PIX - TFTP does not work with names longer than 19 CSCed43501 Yes PIX - TFTP does not work with names longer than 19 CSCed450456 Yes Standby PIX cannot update an arp table CSCed50456 Yes Standby PIX cannot update an arp table CSCed50456 Yes Standby PIX cannot update an arp table CSCed50456 Yes Standby PIX cannot update an arp table CSCed50456 Yes Standby PIX cannot update an arp table CSCed50456 Yes S | CSCed07957 | Yes | Radius Timers were not used if uauth is denied by |
| CSCed12098 Yes pix smtp fixup doesn't handle multiline banners correctly CSCed12881 Yes sysName does not return FQDN. Violates RFC spec CSCed12948 Yes IPsec SA is created when mismatch subnet mask CSCed16070 Yes PIX Split DNS EZVPN - previous NAT is not undone after CSCed16868 Yes PIX traceback in small_frag_append with Websense filtering CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38053 Yes PIX crashes in TACACS+ process CSCed41138 Yes PIX crashes in TACACS+ process CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43503 Yes PIX cannot update an arp table CSCed4566 Yes Standby PIX cannot update an arp table CSCed5866 Yes Standby PIX cannot update an arp table CSCed5866 Yes Standby PIX cannot update an arp table CSCed5866 Yes Gail active on a standby PIX does not produce the CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left at | CSCed09193 | Yes | PIX:TACACS+ accounting sending START before 3-way |
| CSCed12881 Yes sysName does not return FQDN. Violates RFC spec CSCed12948 Yes IPsec SA is created when mismatch subnet mask CSCed16070 Yes PIX Split DNS EZVPN - previous NAT is not undone after CSCed16868 Yes PIX traceback in small_frag_append with Websense filtering CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed373136 Yes OSF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed4138 Yes PIX Config not being written to Secondary PIX flash memory CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed43501 Yes PIX DPD window too small CSCed45803 Yes PIX cannot update an arp table CSCed50456 Yes Standby PIX cannot update an arp table CSCed50456 Yes Standby PIX cannot update an arp table CSCed50456 Yes Fix DPD window too small CSCed50456 Yes Fix DPD window too small CSCed50456 Yes Fix DPD window too small CSCed50450 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed11976 | Yes | [SIP] PIX drops media stream in case of using some kind of |
| CSCed12948 Yes IPsec SA is created when mismatch subnet mask CSCed16070 Yes PIX Split DNS EZVPN - previous NAT is not undone after CSCed16868 Yes PIX traceback in small_frag_append with Websense filtering CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed43604 Yes PIX DPD window too small CSCed52666 Yes Standby PIX cannot update an arp table CSCed52666 Yes Standby PIX cannot update an arp table CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed12098 | Yes | pix smtp fixup doesn't handle multiline banners correctly |
| CSCed16070 Yes PIX Split DNS EZVPN - previous NAT is not undone after CSCed16868 Yes PIX traceback in small_frag_append with Websense filtering CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX - TFTP does not work with names longer than 19 CSCed42530 Yes PIX - DPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed52666 Yes Standby PIX cannot update an arp table CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59572 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed12881 | Yes | sysName does not return FQDN. Violates RFC spec |
| CSCed16868 Yes PIX traceback in small_frag_append with Websense filtering CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed49919 Yes PIX DPD window too small CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59672 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed12948 | Yes | IPsec SA is created when mismatch subnet mask |
| CSCed17044 Yes Large number of NTP packets are sent after failover CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed43189 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59572 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed69284 Yes Console connection left atmore prompt causes | CSCed16070 | Yes | PIX Split DNS EZVPN - previous NAT is not undone after |
| CSCed17106 Yes UAUTH:https_proxy thread can get stuck in rare CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed41138 Yes PIX config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed49919 Yes PIX DPD window too small CSCed49919 Yes PIX DPD window too small CSCed51833 Yes II A323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed16868 | Yes | PIX traceback in small_frag_append with Websense filtering |
| CSCed18857 Yes PPPoE:Traceback with sh vpdn pppint with no PPPoE CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed17044 | Yes | Large number of NTP packets are sent after failover |
| CSCed24935 Yes PIX reloads and crashes in fixup_pptp CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX DPD window too small CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed17106 | Yes | UAUTH:https_proxy thread can get stuck in rare |
| CSCed25749 Yes VPNC:Public-Public SA should not be persistent with NAT-T CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed52666 Yes Standby PIX cannot update an arp table CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed18857 | Yes | PPPoE:Traceback with sh vpdn pppint with no PPPoE |
| CSCed25752 Yes WEBSNS:Incorrect bit field meaning CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59187 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed24935 | Yes | PIX reloads and crashes in fixup_pptp |
| CSCed26041 Yes SIP:RTP stream drop when SIP Authentication is enable CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed25749 | Yes | VPNC:Public-Public SA should not be persistent with NAT-T |
| CSCed28592 Yes Linkdown trap does not contain all the mandatory variables CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59572 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed69284 Yes Console connection left atmore prompt causes | CSCed25752 | Yes | WEBSNS:Incorrect bit field meaning |
| CSCed31165 Yes The PIX might drop the RELEASE_COMPLETE message CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed69284 Yes Console connection left atmore prompt causes | CSCed26041 | Yes | SIP:RTP stream drop when SIP Authentication is enable |
| CSCed31179 Yes Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed69284 Yes Console connection left atmore prompt causes | CSCed28592 | Yes | Linkdown trap does not contain all the mandatory variables |
| CSCed31689 Yes TCP checks should verify RST seq number for conns to the CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed31165 | Yes | The PIX might drop the RELEASE_COMPLETE message |
| CSCed37136 Yes OSPF E2 Route Selection in PIX OS Is Different Then Cisco CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP: should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed31179 | Yes | Websense LOOKUP_REQUEST corrupted w/ long URL and HTTP |
| CSCed38053 Yes ARP cache on neighbors may get corrupt during partial CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed31689 | Yes | TCP checks should verify RST seq number for conns to the |
| CSCed38963 Yes PIX Config not being written to Secondary PIX flash memory CSCed41138 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed37136 | Yes | OSPF E2 Route Selection in PIX OS Is Different Then Cisco |
| CSCed42307 Yes PIX crashes in TACACS+ process CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP: should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed38053 | Yes | ARP cache on neighbors may get corrupt during partial |
| CSCed42307 Yes PIX - TFTP does not work with names longer than 19 CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed38963 | Yes | PIX Config not being written to Secondary PIX flash memory |
| CSCed42539 Yes PIX reload in IPSec timer handler with NAT-T disconnect CSCed43501 Yes PIX - PPTP: should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed41138 | Yes | PIX crashes in TACACS+ process |
| CSCed43501 Yes PIX - PPTP:should continue negotiating MPPE CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed42307 | Yes | PIX - TFTP does not work with names longer than 19 |
| CSCed49919 Yes PIX DPD window too small CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed42539 | Yes | PIX reload in IPSec timer handler with NAT-T disconnect |
| CSCed50456 Yes Standby PIX cannot update an arp table CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left at prompt causes | CSCed43501 | Yes | PIX - PPTP:should continue negotiating MPPE |
| CSCed51833 Yes H.323 Segmented packet inhibits further processing by fixup CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed49919 | Yes | PIX DPD window too small |
| CSCed52666 Yes fail active on a standby PIX does not produce the CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left at prompt causes | CSCed50456 | Yes | Standby PIX cannot update an arp table |
| CSCed59187 Yes PIX drops OSPF Type 10 LSA (Opaque) used for Traffic CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left at prompt causes | CSCed51833 | Yes | H.323 Segmented packet inhibits further processing by fixup |
| CSCed59572 Yes High CPU utilization with large static list CSCed69284 Yes Console connection left atmore prompt causes | CSCed52666 | Yes | fail active on a standby PIX does not produce the |
| CSCed69284 Yes Console connection left atmore prompt causes | CSCed59187 | Yes | PIX drops OSPF Type 10 LSA (Opaque) used for Traffic |
| | CSCed59572 | Yes | High CPU utilization with large static list |
| CSCed70062 Yes TCP checks should verify SYN seq number for conns to the | CSCed69284 | Yes | Console connection left at prompt causes |
| | CSCed70062 | Yes | TCP checks should verify SYN seq number for conns to the |

Table 4 Resolved Caveats (continued)

| CSCed73661 Yes Intermittent DNS doctoring with static CSCed73761 Yes SIP:PIX set wrong timer for RTCP port via show xlate CSCed73642 Yes DNS doctoring broken with network static CSCed79836 Yes PIX - SSH authenticated users appear in the uauth table CSCed83464 Yes RIP routes disappear from route table following RIPv2 CSCed84886 Yes Steady UDP streams develop 7ms hole followed by burst CSCed93959 Yes Performance issue when processing large no of SCCP CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed9090 Yes PIX receiving two default routes don't use the best metric CSCee07117 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activex/java, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13473 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:ver is reprompted despite passing CSCee18449 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes sah process may leave unfreed memory CSCee43663 Yes possible reload with traceback in https_proxy thread under CSCee43177 Yes nai0acl + static:need deny for both private and public CSCee64363 Yes possible reload with traceback in https_proxy thread under CSCee646669 Yes SIP:xtra RTCP xlates created CSCee6594 Yes SIP:xtra RTCP xlates created CSCee66694 Yes SIP:xtra RTCP vlates created CSCee66760 Yes SIP:x | | Software Release 6.3(4) | |
|--|------------|-------------------------|---|
| CSCed73761 Yes SIP:PIX set wrong timer for RTCP port via show xlate CSCed78642 Yes DNS doctoring broken with network static CSCed79836 Yes PIX - SSH authenticated users appear in the uauth table CSCed83464 Yes RIP routes disappear from route table following RIPv2 CSCed83468 Yes Steady UDP streams develop 7ms hole followed by burst CSCed93959 Yes Performance issue when processing large no of SCCP CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94713 Yes ISAKMP NAT-T - peer_attrib not initialized correctly upon CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee0717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee01231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCe11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCe11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee27474 Yes High complexity ACLs may require excessively much memory CSCee27557 Ves TTC packet with class D source may result in a rst response CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee3444 Yes sah process may leave unfreed memory CSCee346363 Yes process may leave unfreed memory CSCee46363 Yes pixel P | ID Number | Corrected | Caveat Title |
| CSCed78642 Yes DNS doctoring broken with network static CSCed79836 Yes PIX - SSH authenticated users appear in the uauth table CSCed83464 Yes RIP routes disappear from route table following RIPv2 CSCed84886 Yes Steady UDP streams develop 7ms hole followed by burst CSCed93959 Yes Performance issue when processing large no of SCCP CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94093 Yes PIX receiving two default routes don't use the best metric CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee00901 Yes PIX help lacks except arg for filter activex/java, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee338484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee40107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee506140 Yes SIP:RTP port is sometimes translated to odd global port CSCee5044 Yes SIP:RTP port is sometimes translated to dod global port CSCee66594 Yes PIX crash when input is invalid for the aaa enable password CSCee666694 Yes SIP:RTP port is sometimes translated with Outside NAT CSCee67670 Yes MSS values are changing for tacacs+ pass thru | CSCed73661 | Yes | Intermittent DNS doctoring with static |
| CSCed79836 Yes PIX - SSH authenticated users appear in the uauth table CSCed83464 Yes RIP routes disappear from route table following RIPv2 CSCed84886 Yes Steady UDP streams develop 7ms hole followed by burst CSCed93959 Yes Performance issue when processing large no of SCCP CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94713 Yes ISAKMP NAT-T - peer_attrib not initialized correctly upon CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activexijava, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11237 Yes Change DPD algo to be less aggressive in detecting short CSCee112373 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee112373 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee43177 Yes sh process may leave unfreed memory CSCee33484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:RTP port is sometimes translated to odd global port CSCee6694 Yes SIP:RTP port is sometimes translated to odd global port CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66664 Yes SIP:stould not NAT Proxy-Auth field CSCee67007 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCed73761 | Yes | SIP:PIX set wrong timer for RTCP port via show xlate |
| CSCed84886 Yes Steady UDP streams develop 7ms hole followed by burst CSCed93959 Yes Performance issue when processing large no of SCCP CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed940713 Yes ISAKMP NAT-T - peer_attrib not initialized correctly upon CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activex]java, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:suser is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes sah process may leave unfreed memory CSCee33617 Yes passed with class D source may result in a rst response CSCee4363 Yes possible reload with traceback in https_proxy thread under CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee50614 Yes SIP:xtra RTCP xlates created CSCee50614 Yes SIP:xtra RTCP xlates created CSCee6594 Yes VPIX 6:ash when input is invalid for the aaa enable password CSCee66594 Yes VPIX crash when input is invalid for the aaa enable password CSCee66694 Yes SIP:xtra when input is invalid for the aaa enable password CSCee666669 Yes MSS values are changing for tacacs+ pass thru CSCee6760 Yes MSS values are changing for tacacs+ pass thru CSCee670374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCed78642 | Yes | DNS doctoring broken with network static |
| CSCed84886 Yes Steady UDP streams develop 7ms hole followed by burst CSCed93959 Yes Performance issue when processing large no of SCCP CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94713 Yes ISAKMP NAT-T - peer_attrib not initialized correctly upon CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activex java, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:vPN3k user idle timeout of 0 is CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee33617 Yes passed with class D source may result in a rst response CSCee45177 Yes nat0cal + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee450614 Yes SIP:xtra RTCP xlates created CSCee50614 Yes SIP:xtra RTCP xlates created CSCee6594 Yes SIP:xtra RTCP xlates created CSCee6594 Yes SIP:xtra RTCP xlates created CSCee6594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66664 Yes SIP:should not NAT Proxy-Auth field CSCee670374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCed79836 | Yes | PIX - SSH authenticated users appear in the uauth table |
| CSCed949959 Yes Performance issue when processing large no of SCCP CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94713 Yes ISAKMP NAT-T - peer_attrib not initialized correctly upon CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activex java, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee34844 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee40107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee50614 Yes SIP:extra RTCP xlates created CSCee6594 Yes SIP:RTP port is sometimes translated to odd global port CSCee66594 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee66594 Yes PIX crash when input is invalid for the aaa enable password CSCee666694 Yes MSS values are changing for tacacs+ pass thru CSCee6767074 Yes PIX: Embedded NetBIOS IP not translated with Outside NAT | CSCed83464 | Yes | RIP routes disappear from route table following RIPv2 |
| CSCed94093 Yes PIX:Nailed option no longer functions after 6.3.3 upgrade CSCed94713 Yes ISAKMP NAT-T - peer_attrib not initialized correctly upon CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activex[java, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes SIP:extra RTCP xlates created CSCee50614 Yes SIP:extra RTCP xlates created CSCee50614 Yes SIP:extra RTCP xlates created CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee6594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee670374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCed84886 | Yes | Steady UDP streams develop 7ms hole followed by burst |
| CSCed94713 Yes ISAKMP NAT-T - peer_attrib not initialized correctly upon CSCe02990 Yes PIX receiving two default routes don't use the best metric CSCe07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCe09061 Yes PIX help lacks except arg for filter activexljava, ftp, CSCe01231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCe01278 Yes Change DPD algo to be less aggressive in detecting short CSCe013451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCe013473 Yes PIX HW Client IUA:user is reprompted despite passing CSCe013473 Yes standby might crash if incorrect LU passed from active CSCe013499 Yes AUS:PIX polls AUS with low privilege level, update fails CSCe013499 Yes High complexity ACLs may require excessively much memory CSCe024747 Yes High complexity ACLs may require excessively much memory CSCe033328 Yes TCP packet with class D source may result in a rst response CSCe033328 Yes Sh process may leave unfreed memory CSCe034844 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCe045177 Yes nat0acl + static:need deny for both private and public CSCe046363 Yes possible reload with traceback in https_proxy thread under CSCe049107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCe050614 Yes SIP:extra RTCP xlates created CSCe04046 Yes PIX sends 0.0.0 as Remote Address for Command CSCe060446 Yes PIX crash when input is invalid for the aaa enable password CSCe066594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCe06760 Yes MSS values are changing for tacacs+ pass thru CSCe067660 Yes MSS values are changing for tacacs+ pass thru CSCe0670374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCed93959 | Yes | Performance issue when processing large no of SCCP |
| CSCee02990 Yes PIX receiving two default routes don't use the best metric CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activexljava, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee60446 Yes PIX sends 0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66660 Yes MSS values are changing for tacacs+ pass thru CSCee670374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCed94093 | Yes | PIX:Nailed option no longer functions after 6.3.3 upgrade |
| CSCee07717 Yes IKE/VPNC:out of order AM3/TM messages causes tunnel CSCee09061 Yes PIX help lacks except arg for filter activexljava, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee50446 Yes SIP:extra RTCP xlates created CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCed94713 | Yes | ISAKMP NAT-T - peer_attrib not initialized correctly upon |
| CSCee09061 Yes PIX help lacks except arg for filter activexljava, ftp, CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee25557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee34844 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCe46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee506446 Yes SIP:extra RTCP xlates created CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee6694 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee02990 | Yes | PIX receiving two default routes don't use the best metric |
| CSCee11231 Yes COSMETIC:PIX-4-407002 does not display global IP address CSCee11278 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes WPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee07717 | Yes | IKE/VPNC:out of order AM3/TM messages causes tunnel |
| CSCee13451 Yes Change DPD algo to be less aggressive in detecting short CSCee13451 Yes PIX HW Client IUA:VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee1898 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66790 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee60374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee09061 | Yes | PIX help lacks except arg for filter activex java, ftp, |
| CSCee13451 Yes PIX HW Client IUA: VPN3k user idle timeout of 0 is CSCee13473 Yes PIX HW Client IUA: user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS: PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static: need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee11231 | Yes | COSMETIC:PIX-4-407002 does not display global IP address |
| CSCee13473 Yes PIX HW Client IUA:user is reprompted despite passing CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee506446 Yes SIP:extra RTCP xlates created CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee11278 | Yes | Change DPD algo to be less aggressive in detecting short |
| CSCee18849 Yes standby might crash if incorrect LU passed from active CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee13451 | Yes | PIX HW Client IUA:VPN3k user idle timeout of 0 is |
| CSCee18998 Yes AUS:PIX polls AUS with low privilege level, update fails CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee13473 | Yes | PIX HW Client IUA:user is reprompted despite passing |
| CSCee24747 Yes High complexity ACLs may require excessively much memory CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee18849 | Yes | standby might crash if incorrect LU passed from active |
| CSCee27557 Yes FTP command traffic may ask for authorization even if not CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee18998 | Yes | AUS:PIX polls AUS with low privilege level, update fails |
| CSCee33328 Yes TCP packet with class D source may result in a rst response CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee24747 | Yes | High complexity ACLs may require excessively much memory |
| CSCee33617 Yes ssh process may leave unfreed memory CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee27557 | Yes | FTP command traffic may ask for authorization even if not |
| CSCee38484 Yes PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee33328 | Yes | TCP packet with class D source may result in a rst response |
| CSCee45177 Yes nat0acl + static:need deny for both private and public CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee33617 | Yes | ssh process may leave unfreed memory |
| CSCee46363 Yes possible reload with traceback in https_proxy thread under CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee38484 | Yes | PIX 6.3.3.102 & 6.3.3.132 crash with pointers to websense |
| CSCee49107 Yes PIX:FTP fixup block PORT response when packet exceeds 60 CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee45177 | Yes | nat0acl + static:need deny for both private and public |
| CSCee50614 Yes SIP:extra RTCP xlates created CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee46363 | Yes | possible reload with traceback in https_proxy thread under |
| CSCee55244 Yes SIP:RTP port is sometimes translated to odd global port CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee49107 | Yes | PIX:FTP fixup block PORT response when packet exceeds 60 |
| CSCee60446 Yes PIX sends 0.0.0.0 as Remote Address for Command CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee50614 | Yes | SIP:extra RTCP xlates created |
| CSCee61905 Yes PIX crash when input is invalid for the aaa enable password CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee55244 | Yes | SIP:RTP port is sometimes translated to odd global port |
| CSCee66594 Yes VPNC:Dropped P2 rekey packets may cause P1 delete too fast CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee60446 | Yes | PIX sends 0.0.0.0 as Remote Address for Command |
| CSCee66760 Yes MSS values are changing for tacacs+ pass thru CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee61905 | Yes | PIX crash when input is invalid for the aaa enable password |
| CSCee68864 Yes SIP:should not NAT Proxy-Auth field CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee66594 | Yes | VPNC:Dropped P2 rekey packets may cause P1 delete too fast |
| CSCee70374 Yes PIX - Embedded NetBIOS IP not translated with Outside NAT | CSCee66760 | Yes | MSS values are changing for tacacs+ pass thru |
| | CSCee68864 | Yes | SIP:should not NAT Proxy-Auth field |
| CSCee71039 Yes IKE logging improvements | CSCee70374 | Yes | PIX - Embedded NetBIOS IP not translated with Outside NAT |
| i l | CSCee71039 | Yes | IKE logging improvements |

Table 4 Resolved Caveats (continued)

| | Software Release 6.3(4) | |
|------------|-------------------------|---|
| ID Number | Corrected | Caveat Title |
| CSCee73793 | Yes | Feature: Add the ability for PIX to assign netmask to |
| CSCee75906 | Yes | H.323:Segmented TPKTs not handled by fixup |
| CSCee93282 | Yes | PIX crash at listen/http0 |
| CSCee95572 | Yes | VPNC:Outside Management SAs should not come up when NAT-T |

Related Documentation

Use this document in conjunction with the PIX Firewall and Cisco VPN Client Version 3.x documentation at the following websites:

http://www.cisco.com/univercd/cc/td/doc/product/iaabu/pix/index.htm

http://www.cisco.com/univercd/cc/td/doc/product/vpn/index.htm

Cisco provides PIX Firewall technical tips at the following website:

http://www.cisco.com/warp/public/707/index.shtml#pix

Software Configuration Tips on the Cisco TAC Home Page

The Cisco Technical Assistance Center has many helpful pages. If you have a CCO account you can visit the following websites for assistance:

TAC Customer top issues for PIX Firewall:

http://www.cisco.com/warp/public/110/top_issues/pix/pix_index.shtml

TAC Sample Configs for PIX Firewall:

http://www.cisco.com/cgi-bin/Support/PSP/psp_view.pl?p=Hardware:PIX&s=Software_Configuration

TAC Troubleshooting, Sample Configurations, Hardware Info, Software Installations and more:

http://www.cisco.com/cgi-bin/Support/PSP/psp_view.pl?p=Hardware:PIX

Obtaining Documentation

Cisco provides several ways to obtain documentation, technical assistance, and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

You can access the most current Cisco documentation on the World Wide Web at this URL:

http://www.cisco.com/univered/home/home.htm

You can access the Cisco website at this URL:

http://www.cisco.com

International Cisco websites can be accessed from this URL:

http://www.cisco.com/public/countries_languages.shtml

Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package, which may have shipped with your product. The Documentation CD-ROM is updated regularly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual or quarterly subscription.

Registered Cisco.com users can order a single Documentation CD-ROM (product number DOC-CONDOCCD=) through the Cisco Ordering tool:

http://www.cisco.com/en/US/partner/ordering/ordering_place_order_ordering_tool_launch.html

All users can order annual or quarterly subscriptions through the online Subscription Store:

http://www.cisco.com/go/subscription

Ordering Documentation

You can find instructions for ordering documentation at this URL:

http://www.cisco.com/univercd/cc/td/doc/es_inpck/pdi.htm

You can order Cisco documentation in these ways:

• Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Networking Products MarketPlace:

http://www.cisco.com/en/US/partner/ordering/index.shtml

 Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, USA.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

You can submit comments electronically on Cisco.com. On the Cisco Documentation home page, click **Feedback** at the top of the page.

You can send your comments in e-mail to bug-doc@cisco.com.

You can submit comments by using the response card (if present) behind the front cover of your document or by writing to the following address:

Cisco Systems Attn: Customer Document Ordering 170 West Tasman Drive San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

For all customers, partners, resellers, and distributors who hold valid Cisco service contracts, the Cisco Technical Assistance Center (TAC) provides 24-hour, award-winning technical support services, online and over the phone. Cisco.com features the Cisco TAC website as an online starting point for technical assistance.

Cisco TAC Website

The Cisco TAC website (http://www.cisco.com/tac) provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The Cisco TAC website is available 24 hours a day, 365 days a year.

Accessing all the tools on the Cisco TAC website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a login ID or password, register at this URL:

http://tools.cisco.com/RPF/register/register.do

Opening a TAC Case

The online TAC Case Open Tool (http://www.cisco.com/tac/caseopen) is the fastest way to open P3 and P4 cases. (Your network is minimally impaired or you require product information). After you describe your situation, the TAC Case Open Tool automatically recommends resources for an immediate solution. If your issue is not resolved using these recommendations, your case will be assigned to a Cisco TAC engineer.

For P1 or P2 cases (your production network is down or severely degraded) or if you do not have Internet access, contact Cisco TAC by telephone. Cisco TAC engineers are assigned immediately to P1 and P2 cases to help keep your business operations running smoothly.

To open a case by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411 (Australia: 1 800 805 227)

EMEA: +32 2 704 55 55 USA: 1 800 553-2447

For a complete listing of Cisco TAC contacts, go to this URL:

http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml

TAC Case Priority Definitions

To ensure that all cases are reported in a standard format, Cisco has established case priority definitions.

Priority 1 (P1)—Your network is "down" or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Priority 2 (P2)—Operation of an existing network is severely degraded, or significant aspects of your business operation are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

Priority 3 (P3)—Operational performance of your network is impaired, but most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

Priority 4 (P4)—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- The Cisco Product Catalog describes the networking products offered by Cisco Systems, as well as ordering and customer support services. Access the Cisco Product Catalog at this URL:
 - http://www.cisco.com/en/US/products/products_catalog_links_launch.html
- Cisco Press publishes a wide range of networking publications. Cisco suggests these titles for new
 and experienced users: Internetworking Terms and Acronyms Dictionary, Internetworking
 Technology Handbook, Internetworking Troubleshooting Guide, and the Internetworking Design
 Guide. For current Cisco Press titles and other information, go to Cisco Press online at this URL:
 - http://www.ciscopress.com
- Packet magazine is the Cisco quarterly publication that provides the latest networking trends, technology breakthroughs, and Cisco products and solutions to help industry professionals get the most from their networking investment. Included are networking deployment and troubleshooting tips, configuration examples, customer case studies, tutorials and training, certification information, and links to numerous in-depth online resources. You can access Packet magazine at this URL:
 - http://www.cisco.com/go/packet
- iQ Magazine is the Cisco bimonthly publication that delivers the latest information about Internet business strategies for executives. You can access iQ Magazine at this URL:
 - http://www.cisco.com/go/iqmagazine
- Internet Protocol Journal is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:
 - http://www.cisco.com/en/US/about/ac123/ac147/about_cisco_the_internet_protocol_journal.html
- Training—Cisco offers world-class networking training. Current offerings in network training are listed at this URL:
 - http://www.cisco.com/en/US/learning/index.html



This document is to be used in conjunction with the documents listed in "Related Documentation" section.

CCSP, the Cisco Square Bridge logo, Cisco Unity, Follow Me Browsing, FormShare, and StackWise are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn, and iQuick Study are service marks of Cisco Systems, Inc.; and Aironet, ASIST, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Empowering the Internet Generation, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, GigaDrive, GigaStack, HomeLink, Internet Quotient, IOS, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, LightStream, Linksys, MeetingPlace, MGX, the Networkers logo, Networking Academy, Network Registrar, Packet, PIX, Post-Routing, Pre-Routing, ProConnect, RateMUX, Registrar, ScriptShare, SlideCast, SMARTnet, StrataView Plus, SwitchProbe, TeleRouter, The Fastest Way to Increase Your Internet Quotient, TransPath, and VCO are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0406R)

Copyright © 2004 Cisco Systems, Inc. All rights reserved.