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Release Notes for the Cisco ASA Series, Version 9.3(x)

First Published: July 24, 2014
Last Updated: July 12, 2016

This document contains release information for Cisco ASA software Version 9.3(x).

Important Notes

- Cisco ASA Clientless SSL VPN Portal Customization Integrity Vulnerability—Multiple vulnerabilities have been fixed for clientless SSL VPN in ASA software, so you should upgrade your software to a fixed version. See http://tools.cisco.com/security/center/content/CiscoSecurityAdvisory/cisco-sa-20141008-asa for details about the vulnerability and a list of fixed ASA versions. Also, if you ever ran an earlier ASA version that had a vulnerable configuration, then regardless of the version you are currently running, you should verify that the portal customization was not compromised. If an attacker compromised a customization object in the past, then the compromised object stays persistent after you upgrade the ASA to a fixed version. Upgrading the ASA prevents this vulnerability from being exploited further, but it will not modify any customization objects that were already compromised and are still present on the system.

- The ASA 5505 is not supported in this release or later. ASA Version 9.2 was the final release for the ASA 5505.

- Windows NT AAA server was deprecated—In ASA Version 9.3, the Windows NT AAA server is no longer supported.

- (9.3(2) and later) SSLv3 deprecation and SSL server version default change—SSLv3 is now deprecated. The default for the **ssl server-version** command is now **tlsv1** instead of any. If you configure **any**, **sslv3**, or **sslv3-only**, the command is accepted with a warning. In the next major ASA release, these keywords will be removed from the ASA.

- ASA CX module upgrade requirements—For ASA Version 9.3(2) and later, only ASA CX Version 9.3.2.1 and later is supported. When upgrading your ASA, first upgrade the ASA CX software; otherwise the ASA CX module will become unresponsive.

System Requirements

For information about ASA/ASDM software and hardware requirements and compatibility, including module compatibility, see Cisco ASA Compatibility.

For VPN compatibility, see Supported VPN Platforms, Cisco ASA 5500 Series.

New Features

Note: New, changed, and deprecated syslog messages are listed in the syslog message guide.

New Features in Version 9.3(3)

Released: April 22, 2015

The following table lists the new features for ASA 9.3(3).

Table 1   New Features for ASA Version 9.3(3)

Feature	Description
Platform Features	
Show invalid usernames in syslog messages	You can now show invalid usernames in syslog messages for unsuccessful login attempts. The default setting is to hide usernames when the username is invalid or if the validity is unknown. If a user accidentally types a password instead of a username, for example, then it is more secure to hide the "username" in the resultant syslog message. You might want to show invalid usernames to help with troubleshooting login issues. We introduced the following command: **no logging hide username** *This feature is not available in 9.4(1).*

New Features in Version 9.3(2.200)

Released: December 18, 2014

The following table lists the new features for ASA Version 9.3(2.200).

This release supports only the ASAv.

Table 2   New Features for ASA Version 9.3(2.200)

Feature	Description
Platform Features	
ASAv with KVM and Virtio	You can deploy the ASAv using the Kernel-based Virtual Machine (KVM) and the Virtio virtual interface driver.

New Features in Version 9.3(2)

Released: December 18, 2014

The following table lists the new features for ASA Version 9.3(2).

Table 3   New Features for ASA Version 9.3(2)

Feature	Description
Platform Features	
ASA 5506-X	We introduced the ASA 5506-X. We introduced or modified the following commands: **service sw-reset-button**, **upgrade rommon**, **show environment temperature accelerator**
ASA FirePOWER software module for the ASA 5506-X	You can configure ASA FirePOWER on the ASA 5506-X using ASDM; a separate FireSIGHT Management Center is not required, although you can use one instead of ASDM. **Note:** This feature requires ASA 7.3(3).
ASA FirePOWER passive monitor-only mode using traffic redirection interfaces	You can now configure a traffic forwarding interface to send traffic to the module instead of using a service policy. In this mode, neither the module nor the ASA affects the traffic. We fully supported the following command: **traffic-forward sfr monitor-only**. You can configure this in CLI only.
Mixed level SSPs in the ASA 5585-X	You can now use the following mixed level SSPs in the ASA 5585-X: ■ ASA SSP-10/ASA FirePOWER SSP-40 ■ ASA SSP-20/ASA FirePOWER SSP-60 Requirements: ASA SSP in slot 0, ASA FirePOWER SSP in slot 1
ASA REST API 1.0.1	A REST API was added to support configuring and managing major functions of the ASA. We introduced or modified the following commands: **rest-api image**, **rest-api agent**, **show rest-api agent**, **debug rest-api**, **show version**
Support for ASA image signing and verification	ASA images are now signed using a digital signature. The digital signature is verified after the ASA is booted. We introduced the following commands: **copy /noverify**, **verify /image-signature**, **show software authenticity keys**, **show software authenticity file**, **show software authenticity running**, **show software authenticity development, software authenticity development**, **software authenticity key add special**, **software authenticity key revoke special**
Accelerated security path load balancing	The accelerated security path (ASP) load balancing mechanism reduces packet drop and improves throughput by allowing multiple cores of the CPU to receive packets from an interface receive ring and work on them independently. We introduced the following command: **asp load-balance per-packet-auto**
Firewall Features	

Table 3   New Features for ASA Version 9.3(2) (continued)

Feature	Description
Configuration session for editing ACLs and objects. Forward referencing of objects and ACLs in access rules.	You can now edit ACLs and objects in an isolated configuration session. You can also forward reference objects and ACLs, that is, configure rules and access groups for objects or ACLs that do not yet exist. We introduced the following commands: **clear configuration session**, **clear session**, **configure session**, **forward-reference**, **show configuration session**
SIP support for Trust Verification Services, NAT66, CUCM 10.5(1), and model 8831 phones.	You can now configure Trust Verification Services servers in SIP inspection. You can also use NAT66. SIP inspection has been tested with CUCM 10.5(1). We introduced the following command: **trust-verification-server**.
Unified Communications support for CUCM 10.5(1)	SIP and SCCP inspections were tested and verified with Cisco Unified Communications Manager 10.5(1).
Remote Access Features	
Browser support for Citrix VDI	We now support an HTML 5-based browser solution for accessing the Citrix VDI, without requiring the Citrix Receiver client on the desktop.
Clientless SSL VPN for Mac OSX 10.9	We now support Clientless SSL VPN features such as the rewriter, smart tunnels, and plugins on all browsers that are supported on Mac OSX 10.9.
Interoperability with standards-based, third-party, IKEv2 remote access clients	We now support VPN connectivity via standards-based, third-party, IKEv2 remote-access clients (in addition to AnyConnect). Authentication support includes preshared keys, certificates, and user authentication via the Extensible Authentication Protocol (EAP). We introduced or modified the following commands: **ikev2 remote-authentication, ikev2 local-authentication**, **clear vpn-sessiondb**, **show vpn-sessiondb**, **vpn-sessiondb logoff**
Transport Layer Security (TLS) version 1.2 support	We now support TLS version 1.2 for secure message transmission for ASDM, Clientless SSVPN, and AnyConnect VPN. We introduced or modified the following commands: **ssl client-version**, **ssl server-version**, **ssl cipher**, **ssl trust-point**, **ssl dh-group**, **show ssl**, **show ssl cipher**, **show vpn-sessiondb** We deprecated the following command: **ssl encryption**
AnyConnect 4.0 support for TLS version 1.2	AnyConnect 4.0 now supports TLS version 1.2 with the following four additional cipher suites: DHE-RSA-AES256-SHA256, DHE-RSA-AES128-SHA256, AES256-SHA256, and AES128-SHA256.
Licensing Features	

Table 3   New Features for ASA Version 9.3(2) (continued)

Feature	Description
Cisco Smart Software Licensing for the ASAv	Smart Software Licensing lets you purchase and manage a pool of licenses. Unlike PAK licenses, smart licenses are not tied to a specific serial number. You can easily deploy or retire ASAvs without having to manage each unit's license key. Smart Software Licensing also lets you see your license usage and needs at a glance. We introduced the following commands: **clear configure license, debug license agent, feature tier, http-proxy, license smart, license smart deregister, license smart register, license smart renew, show license, show running-config license, throughput level**
High Availability Features	
Lock configuration changes on the standby unit or standby context in a failover pair	You can now lock configuration changes on the standby unit (Active/Standby failover) or the standby context (Active/Active failover) so you cannot make changes on the standby unit outside normal configuration syncing. We introduced the following command: **failover standby config-lock**
ASA clustering inter-site deployment in transparent mode with the ASA cluster firewalling between inside networks	You can now deploy a cluster in transparent mode between inside networks and the gateway router at each site (AKA East-West insertion), and extend the inside VLANs between sites. We recommend using Overlay Transport Virtualization (OTV), but you can use any method that ensures that the overlapping MAC Addresses and IP addresses of the gateway router do not leak between sites. Use a First Hop Redundancy Protocol (FHRP) such as HSRP to provide the same virtual MAC and IP addresses to the gateway routers.
Interface Features	
Traffic Zones	You can group interfaces together into a traffic zone to accomplish traffic load balancing (using Equal Cost Multi-Path (ECMP) routing), route redundancy, and asymmetric routing across multiple interfaces. Note You cannot apply a security policy to a named zone; the security policy is interface-based. When interfaces in a zone are configured with the same access rule, NAT, and service policy, then load-balancing and asymmetric routing operate correctly. We introduced or modified the following commands: **zone, zone-member, show running-config zone, clear configure zone, show zone, show asp table zone, show nameif zone, show conn long, show local-host zone, show route zone, show asp table routing, clear conn zone, clear local-host zone**
Routing Features	

Table 3   New Features for ASA Version 9.3(2) (continued)

Feature	Description
BGP support for IPv6	We added support for IPv6. We introduced or modified the following commands: **address-family ipv6, bgp router-id, ipv6 prefix-list, ipv6 prefix-list description, ipv6 prefix-list sequence-number, match ipv6 next-hop, match ipv6 route-source, match ipv6- address prefix-list, set ipv6-address prefix -list, set ipv6 next-hop, set ipv6 next-hop peer-address**
Monitoring Features	
SNMP MIBs and traps	The CISCO-PRODUCTS-MIB and CISCO-ENTITY-VENDORTYPE-OID-MIB have been updated to support the new ASA 5506-X. The ASA 5506-X have been added as new products to the SNMP sysObjectID OID and entPhysicalVendorType OID. The ASA now supports the CISCO-CONFIG-MAN-MIB, which enables you to do the following: ■ Know which commands have been entered for a specific configuration. ■ Notify the NMS when a change has occurred in the running configuration. ■ Track the time stamps associated with the last time that the running configuration was changed or saved. ■ Track other changes to commands, such as terminal details and command sources. We modified the following command: **snmp-server enable traps**
Showing route summary information for troubleshooting	The **show route-summary** command output has been added to the **show tech-support detail** command.
Management Features	
System backup and restore	We now support complete system backup and restoration using the CLI. We introduced the following commands: **backup**, **restore**

New Features in Version 9.3(1)

Released: July 24, 2014

The following table lists the new features for ASA Version 9.3(1).

The ASA 5505 is not supported in this release or later. ASA Version 9.2 was the final release for the ASA 5505.

Table 4   New Features for ASA Version 9.3(1)

Feature	Description
Firewall Features	
SIP, SCCP, and TLS Proxy support for IPv6	You can now inspect IPv6 traffic when using SIP, SCCP, and TLS Proxy (using SIP or SCCP). We did not modify any commands.
Support for Cisco Unified Communications Manager 8.6	The ASA now interoperates with Cisco Unified Communications Manager Version 8.6 (including SCCPv21 support). We did not modify any commands.
Transactional Commit Model on rule engine for access groups and NAT	When enabled, a rule update is applied after the rule compilation is completed; without affecting the rule matching performance. We introduced the following commands: **asp rule-engine transactional-commit**, **show running-config asp rule-engine transactional-commit**, **clear configure asp rule-engine transactional-commit**
Remote Access Features	
XenDesktop 7 Support for clientless SSL VPN	We added support for XenDesktop 7 to clientless SSL VPN. When creating a bookmark with auto sign-on, you can now specify a landing page URL or a Control ID. We did not modify any commands.
AnyConnect Custom Attribute Enhancements	Custom attributes define and configure AnyConnect features that have not been incorporated into the ASA, such as Deferred Upgrade. Custom attribute configuration has been enhanced to allow multiple values and longer values, and now requires a specification of their type, name and value. They can now be added to Dynamic Access Policies as well as Group Policies. Previously defined custom attributes will be updated to this enhanced configuration format upon upgrade to 9.3.x. We introduced or modified the following commands: **anyconnect-custom-attr**, **anyconnect-custom-data**, and **anyconnect-custom**

Table 4   New Features for ASA Version 9.3(1) (continued)

Feature	Description
AnyConnect Identity Extensions (ACIDex) for Desktop Platforms	ACIDex, also known as AnyConnect Endpoint Attributes or Mobile Posture, is the method used by the AnyConnect VPN client to communicate posture information to the ASA. Dynamic Access Polices use these endpoint attributes to authorize users. The AnyConnect VPN client now provides Platform identification for the desktop operating systems (Windows, Mac OS X, and Linux) and a pool of MAC Addresses which can be used by DAPs. We did not modify any commands.
TrustSec SGT Assignment for VPN	TrustSec Security Group Tags (SGT) can now be added to the SGT-IP table on the ASA when a remote user connects. We introduced the following new command: **security-group-tag value**
High Availability Features	
Improved support for monitoring module health in clustering	We added improved support for monitoring module health in clustering. We modified the following command: **show cluster info health**
Disable health monitoring of a hardware module	By default, the ASA monitors the health of an installed hardware module such as the ASA FirePOWER module. If you do not want a hardware module failure to trigger failover, you can disable module monitoring. We modified the following command: **monitor-interface service-module**
Platform Features	
ASP Load Balancing	The new **auto** option in the **asp load-balance per-packet** command enables the ASA to adaptively switch ASP load balancing per-packet on and off on each interface receive ring. This automatic mechanism detects whether or not asymmetric traffic has been introduced and helps avoid the following issues: ■ Overruns caused by sporadic traffic spikes on flows ■ Overruns caused by bulk flows oversubscribing specific interface receive rings ■ Overruns caused by relatively heavily overloaded interface receive rings, in which a single core cannot sustain the load We introduced or modified the following commands: **asp load-balance per-packet auto**, **show asp load-balance per-packet**, **show asp load-balance per-packet history**, and **clear asp load-balance history**
SNMP MIBs	The CISCO-REMOTE-ACCESS-MONITOR-MIB now supports the ASASM.
Interface Features	

Table 4   New Features for ASA Version 9.3(1) (continued)

Feature	Description
Transparent mode bridge group maximum increased to 250	The bridge group maximum was increased from 8 to 250 bridge groups. You can configure up to 250 bridge groups in single mode or per context in multiple mode, with 4 interfaces maximum per bridge group. We modified the following commands: **interface bvi**, **bridge-group**
Routing Features	
BGP support for ASA clustering	We added support for BGP with ASA clustering. We introduced the following new command: **bgp router-id clusterpool**
BGP support for nonstop forwarding	We added support for BGP Nonstop Forwarding. We introduced the following new commands: **bgp graceful-restart, neighbor ha-mode graceful-restart**
BGP support for advertised maps	We added support for BGPv4 advertised map. We introduced the following new command: **neighbor advertise-map**
OSPF Support for Non-Stop Forwarding (NSF)	OSPFv2 and OSPFv3 support for NSF was added. We added the following commands: **capability**, **nsf cisco**, **nsf cisco helper**, **nsf ietf**, **nsf ietf helper**, **nsf ietf helper strict-lsa-checking**, **graceful-restart**, **graceful-restart helper, graceful-restart helper strict-lsa-checking**
AAA Features	
Layer 2 Security Group Tag Imposition	You can now use security group tagging combined with Ethernet tagging to enforce policies. SGT plus Ethernet Tagging, also called Layer 2 SGT Imposition, enables the ASA to send and receive security group tags on Gigabit Ethernet interfaces using Cisco proprietary Ethernet framing (Ether Type 0x8909), which allows the insertion of source security group tags into plain-text Ethernet frames. We introduced or modified the following commands: **cts manual**, **policy static sgt**, **propagate sgt**, **cts role-based sgt-map**, **show cts sgt-map**, **packet-tracer**, **capture**, **show capture**, **show asp drop**, **show asp table classify**, **show running-config all**, **clear configure all**, and **write memory**
Removal of AAA Windows NT domain authentication	We removed NTLM support for remote access VPN users. We deprecated the following command: **aaa-server protocol nt**

Table 4   New Features for ASA Version 9.3(1) (continued)

Feature	Description
Monitoring Features	
Monitoring Aggregated Traffic for Physical Interfaces	The **show traffic** command output has been updated to include aggregated traffic for physical interfaces information. To enable this feature, you must first enter the **sysopt traffic detailed-statistics** command.
show tech support enhancements	The **show tech support** command now includes **show resource usage count all 1** output, including information about xlates, conns, inspects, syslogs, and so on. This information is helpful for diagnosing performance issues. We modified the following command: **show tech support**

Upgrading the Software

See the following table for the upgrade path for your version. Some versions require an interim upgrade before you can upgrade to the latest version.

Note: There are no special requirements for Zero Downtime Upgrades for failover and ASA clustering with the following exceptions:

- Upgrading ASA clustering from 9.0(1) or 9.1(1): due to CSCue72961, hitless upgrading is not supported.
- Upgrade issues with 8.4(6), 9.0(2), and 9.1(2) for failover—Due to CSCug88962, you cannot perform a Zero Downtime Upgrade to 8.4(6), 9.0(2), or 9.1(3). You should instead upgrade to 8.4(5) or 9.0(3) or later. To upgrade 9.1(1), you cannot upgrade directly to the 9.1(3) release due to CSCuh25271, so there is no workaround for a Zero Downtime Upgrade; you must upgrade to 9.1(2) before you upgrade to 9.1(3) or later.

Current ASA Version	First Upgrade to:	Then Upgrade to:
8.2(x) and earlier	8.4(5)	9.3(1) or later
8.3(x)	8.4(5)	9.3(1) or later
8.4(1) through 8.4(4)	8.4(5) or 9.0(4)	9.3(1) or later
8.4(5) and later	–	9.3(1) or later
8.5(1)	9.0(4)	9.3(1) or later
8.6(1)	9.0(4)	9.3(1) or later
9.0(1)	9.0(4)	9.3(1) or later
9.0(2) or later	–	9.3(1) or later
9.1(1)	9.1(2)	9.3(1) or later
9.1(2) or later	–	9.3(1) or later
9.2(x)	–	9.3(1) or later

For detailed steps about upgrading, see the 9.3 upgrade guide.

Open and Resolved Bugs

The open and resolved bugs for this release are accessible through the Cisco Bug Search Tool. This web-based tool provides you with access to the Cisco bug tracking system, which maintains information about bugs and vulnerabilities in this product and other Cisco hardware and software products.

Note: You must have a Cisco.com account to log in and access the Cisco Bug Search Tool. If you do not have one, you can register for an account.

For more information about the Cisco Bug Search Tool, see the Bug Search Tool Help & FAQ.

- Open Bugs, page 11
- Resolved Bugs, page 11

Open Bugs

All open bugs severity 3 and higher for Version 9.3 are included in this search:

9.3 open bug search

Resolved Bugs

- Resolved Bugs in 9.3(3), page 11
- Resolved Bugs in 9.3(2.200), page 11
- Resolved Bugs in 9.3(2), page 11
- Resolved Bugs in 9.3(1), page 15

Resolved Bugs in 9.3(3)

All resolved bugs for Version 9.3(3) are included in this search:

9.3(3) fixed bug search.

Resolved Bugs in 9.3(2.200)

There were no resolved bugs in Version 9.3(2.200).

Resolved Bugs in 9.3(2)

The following table contains resolved bugs in ASA Version 9.3(2).

Table 5   Resolved Bugs in ASA Version 9.3(2)

Bug	Description
CSCtt88306	Syslog 106100 not generated on second context when cascading contexts.
CSCty17881	vpn-sessiondb detail missing Filter Name after IKEv1 rekey
CSCtz53586	ASA: Crash when out of stack memory with call-home configured
CSCub53088	Arsenal:twice NAT with service type ftp not working.
CSCug51375	ASA SSL: Continues to accept SSLv3 during TLSv1 only mode
CSCuh84378	ASA: Last packet in PCAP capture file not readable

Table 5 Resolved Bugs in ASA Version 9.3(2) (continued)

Bug	Description
CSCui27525	Idle timer and half-closed idle timer reset by out of sequence SYN
CSCul04263	ASA Webvpn CIFS vnode_create: VNODE ALLOCATION LIMIT 100000 REACHED!
CSCul22575	ASA 8.4.6 MAC Address flapping with Port-Channels and IPv6
CSCum91201	SSH timeout on ASA
CSCun43072	ASA5585-SSP60 Traceback in Thread Name SSH on Capture Command
CSCun64754	ASA may traceback when "write standby" command is entered twice
CSCun66613	ASA stops decrypting certain L2L traffic after working for some time
CSCun88736	ASA does not recognise "packet too big" for assembled ICMPv6 echo reply
CSCuo09383	ASA WebVPN Memory leak leading to Blank Portal Page/AnyConnect failure
CSCuo11778	ENH: Add "speed nonegotiate" command for fiber interfaces on ASA5585
CSCuo37603	object nat config getting deleted after reloaded with vpdn config
CSCuo42563	Traceback DHCP 'IP Address Assign' while upgrading ASAs in Failover
CSCuo45321	ASA allows IKEv1 clients to bypass address assignment, causing conflict
CSCuo53772	CWS: Large downloads on HTTPS fail when server side seq number wraps
CSCup08934	ASA WebVPN Rewriter: Custom HTTP Headers Not Properly Rewritten
CSCup16419	Traceback in Thread Name: ssh_init
CSCup35713	ASA tmatch_summary_alloc block leak in binsize 1024
CSCup36514	webvpn jscript post to wrong URL - ASA FQDN same as server FQDN
CSCup43257	ASA Traceback in Thread name: ci/console while modifying an object-group
CSCup46524	"no speed nonegotiate" command in ASA 5580 running 9.1.5 in show run
CSCup47195	ASA - Traceback in DATAPATH-0-1275
CSCup55377	ASA: Traceback Page Fault in vpnfol_thread_msg on Standby ASA
CSCup59499	ASA: BGP not performing outbound route-filtering
CSCup59774	No syslogs for ASDM or clientless access with blank username/password
CSCup60837	Personal bookmarks get deleted with ASA in Active/Standby failover
CSCup66273	ASA SSLVPN Citrix Java client error - java.lang.ClassNotFoundException
CSCup68697	WebVPN: uploading customized portal.css breaks the portal login page
CSCup70720	ASA crashes with Page Fault with multiple configuration sessions
CSCup74532	ASA failover standby device reboots due to delays in config replication
CSCup76212	ASA rewrites incorrect content-length in SIP message
CSCup85529	ASA Smart Call does not hide IPv6 addresses for ND
CSCup86857	IPv4 ACLs not working after merging IPv4 and IPv6 ACLs by upgrading
CSCup86960	ASA : Failover descriptor does not change after reconfiguring VLAN
CSCup87430	accounting not per rfc in dual factor auth case
CSCup90173	SNMP: Power supply OIDs missing if no power input on 5500-X
CSCup92782	ASA providing inaccurate Tunnel count to ASDM
CSCuq03216	IPsecOverNatT tunnel disappears after ASA failovers
CSCuq04306	Smart Tunnels Spawn "UNKNOWN Publisher" Warning w/Java 7 Update 60
CSCuq05768	Using "?" to list files in directory with thousands of files causing hog

Table 5   Resolved Bugs in ASA Version 9.3(2) (continued)

Bug	Description
CSCuq08854	Show memory app-cache command shows incorrect bytes if more than 2^32
CSCuq09352	vbscript getting caught in loop when passing thru ASA WebVPN Rewriter
CSCuq09709	Using ASA 9.2.1, Anyconnect weblaunch fails with URL-list in DAP
CSCuq20396	Traceback when executing "show crypto accelerator load-balance"
CSCuq21016	Local pool address not released -> Duplicate local pool address found
CSCuq24404	traceback in thread name: netfs_thread_init
CSCuq25488	WebVPN HTML Style "Overflow:Hidden" Breaks Custom Logon Pages
CSCuq26046	ASA - Traceback in thread name SSH while changing NAT configuration
CSCuq26812	ASDM Certificate validation failure
CSCuq28582	Cisco ASA VPN Failover Commands Injection Vulnerability
CSCuq28978	WebVPN: Rewriter issue with PATHIX Inspection Database
CSCuq29136	Cisco ASA SSL VPN Info Disclosure and DoS Vulnerability
CSCuq32943	ASA as DHCP relay, DHCP offer is not forwarded to the client
CSCuq33451	ASA: Increased processor temperature after upgrade
CSCuq35090	Webvpn: Support for XFRAME in additional portal and CSD pages
CSCuq35126	PPPoE with static IP address deny packets after reload ASA
CSCuq36615	Traceback caused by WCCP
CSCuq37448	Cisco ASA Failover IPSEC does not encrypt failover link
CSCuq37873	ASA : timeout floating-conn not working when PPPoE is configured
CSCuq38805	ASA 9.2 : Static Null route not redistributed over EIGRP to neighbors
CSCuq38807	ASA Radius Access-Request contains both User-Password and CHAP-Password
CSCuq39511	ASA: EIGRP neighbor relationship flapping
CSCuq39567	Traceback in Thread Name qos_metric_daemon caused by asdm history enable
CSCuq41510	Cisco ASA VNMC Input Validation Vulnerability
CSCuq42475	IPv6 tunneled route on link-local interfaces
CSCuq44875	ASA: CLI commands are not displaying options for local authorization
CSCuq46931	LDAP CLI: Quotes removed if ldap attribute-map name has spaces
CSCuq47381	DMA memory leak in 256 byte fragments with nbns-server config
CSCuq49455	ASA not sending RST packet for connections dropped by Botnet filter
CSCuq53421	ASA can use wrong trustpoint with rekeyed CAs are cfg in trustpoints.
CSCuq53636	ASA not sending PIM register message to RP
CSCuq54553	with Anyconnect deflate compression ASA gives ASA-3-722021 syslog
CSCuq57188	ASA returns wrong content-length for cut-thru proxy authentication page
CSCuq59667	ASA tracebacks in Thread Name: ssh due to watchdog
CSCuq60566	Incorrect content-length when maddr present with URI in SIP message body
CSCuq62164	IPv6 stateless autoconfiguration fails if managed config flag in RA
CSCuq62597	ASA L2TP Split-Tunnel DHCPC: DHCP daemon got msg for uninitialized
CSCuq62925	ASA: standby traceback during replication of specific privilege command

Table 5   Resolved Bugs in ASA Version 9.3(2) (continued)

Bug	Description
CSCuq65201	ASA Local CA generates unexpected renewal reminder message
CSCuq65542	Cisco ASA Software Version Information Disclosure Vulnerability
CSCuq66078	Traceback in clacp_enforce_load_balance with ASA Clustering
CSCuq68271	ASA Cluster slave unit loses default route due to sla monitor
CSCuq68888	Cisco ASA SSL VPN Memory Blocks Exhaustion Vulnerability
CSCuq72664	ASA - 80 Byte memory block depletion
CSCuq75981	ASA traceback in DATAPATH-0-2078 thread
CSCuq76847	ASA:Page fault traceback ACL FQDN Object-group
CSCuq77228	ASA Cluster: IDFW traceback inThread Name: DATAPATH-3-132
CSCuq77655	1550 block leak occur if DNS replies "refused" query response
CSCuq78238	Inspect rule defaults in standby transparent context on write standby
CSCuq80639	ASA5580 speed nonegotiate settings kept link down after shut/no shut
CSCuq87632	User membership not updated in parent group
CSCuq91793	ASA: RST packet forwarded with non-zero ACK number (and ACK flag clear)
CSCuq95704	There are two certificates related to one trustpoint on standby unit.
CSCuq98633	Object Group Search causing legitimate traffic to be dropped by ACL
CSCuq99852	Traceback on ASA when Attempting to Join Cluster with Low Memory
CSCur02239	ASA ACL hitcount not correct for ACLs with service object groups
CSCur07061	Traceback on standby ASA during hitless upgrade
CSCur16308	DHCP Relay reloads after changing server interface
CSCur17329	SDI authentication doesn't work in more than one contexts.
CSCur17483	nested custom write functions causing blank page through rewriter
CSCur24059	Control Plane ACL Not Working for Redirected HTTP Traffic
CSCur25431	ASA assert traceback on Standby Unit in c_idfw.c
CSCur25542	Traceback: pki-crl: Thread Name: Crypto CA with traffic through VPN L2L
CSCur27845	ASA Client login timeout issue due to proxy match inconsistency
CSCur36898	EIGRP tag incorrectly send by ASA
CSCur38451	ASA DSCP marking applies to all SSL traffic
CSCur42907	Failed to allocate global ID when adding service-policy
CSCur42998	traceback @ hash_table_simple.c:192
CSCur47804	ASA Crash in vpnfol_thread_msg thread
CSCur52712	Webvpn: Support for XFRAME for non-critical URL's
CSCur54570	ASA accounting request does not contain radius-class(25) attribute
CSCur56689	RSH inspect conn not replicated to standby with cut_thru missing punt
CSCur59397	ASA SCP Client does not prompt for password when not inc. in copy string
CSCur64589	DATAPATH Traceback in snp_mp_svc_udp_upstream_data function
CSCur64659	ASA Traceback in Thread Name: DATAPATH-6-2544
CSCur66635	ASA Traceback in Thread Name: DATAPATH-3-1274

Resolved Bugs in 9.3(1)

The following table contains resolved bugs in ASA Version 9.3(1).

Table 6   Resolved Bugs in ASA Version 9.3(1)

Bug	Description
CSCsk87165	ENH – Add device serial number and platform string to show run output
CSCsm81086	Allow user to exclude the status of the SSM or SSP from failover checks
CSCsw79856	'LU allocate xlate failed' syslog should include more data
CSCsz39633	Double auth not triggered if using secondary-aaa-server per interface
CSCtb71323	Cisco ASA Webtype ACL By-Pass Vulnerability
CSCtc18329	ACL renamed but syslog doesn't reflect new name
CSCtc61848	ENH – show traffic should include packet size distribution and flow info
CSCtd14339	block and chunk data needs to be included at beginning of crashinfo
CSCtf39306	show blocks exhaustion snapshot only takes single snapshot
CSCtj51276	Implement a syslog to indicate the version of the anyConnect client
CSCtk66541	ENH: ASA drops ICMP Error Reply for uni-directional SCTP Traffic
CSCtn30286	DHCP Relay needs to handle DHCPREQUEST differently
CSCtx55340	Easy VPN Remote not re-establishing nem-st-autoconnect setting changed
CSCty28878	ASA SSLVPN/DTLS: Copy inner packet TOS field to outer header
CSCtz92586	A warning message is needed when a new encryption license is applied
CSCub05888	Asa 5580-20: object-group-search access-control causes failover problem
CSCub13208	ASA transparent mode should support 'inspect icmp error'
CSCuc39071	AC Script/customi:no 'linux-64' option(maybe it should be 'freeform'?)
CSCuc80975	ASA5500-x: " speed nonegotiate" command not available for fiber interface
CSCud24785	Slow throughput of AnyConnect client w/DTLS compared to IPSec IKEv1
CSCue51351	ASA: Huge NAT config causes traceback due to unbalanced p3 tree
CSCue87407	DNS: Inspection drops non in-addr.arpa PTR queries
CSCug14102	Need Syslog containing assigned IP address for AnyConnect IKEv2
CSCug18734	ENH: Citrix Receiver proxy on ASA support for backend Storefront server
CSCug51755	ICMP destination unreachable for L2TP PMTU error not sent to server
CSCug87445	SVC_UDP Module is in flow control with a SINGLE DTLS tunnel
CSCuh01570	Dropped packets/Retries/Timeout on applying a huge ACL on existing acl
CSCuh61321	AC 3.1:ASA incorrectly handles alternate DTLS port,causes reconnect
CSCuh79288	ASA 9.1.2 DHCP – Wireless Apple devices are not getting an IP via DHCPD
CSCui30677	ENH – SCP Support on the ASA
CSCui44095	ASA 9.1: timer app id was corrupted causing to Dispatch Unit traceback
CSCui53710	ACL Migration to 8.3+ Software Unnecessarily Expands Object Groups
CSCui56863	ASA may reload with traceback in Thread Name: vpnfol_thread_msg
CSCui63001	ASA traceback in Thread Name: fover_parse during command replication
CSCui79979	ASA 9.1.2 - Traceback in Thread Name: fover_parse during configuration

Table 6   Resolved Bugs in ASA Version 9.3(1) (continued)

Bug	Description
CSCui82751	%ASA-6-113005 should contain IP that initiated failed auth attempt
CSCui95392	WebVPN portal page misses large title after portal redesign
CSCuj26816	ENH – ASA and AAA Operations
CSCuj35576	ASA OSPF route stuck in database and routing table
CSCuj45406	ASA: Page fault traceback with 'show dynamic-filter dns-snoop detail'
CSCuj68420	ASA SMR: Multicast traffic for some groups stops flowing after failover
CSCuj83344	ASA cifs share enumeration DOS vulnerability
CSCuj98221	IDFW: user-group is not deactivated even if IDFW ACL is removed
CSCul00624	ASA: ARP Fails for Subinterface Allocated to Multiple Contexts on Gi0/6
CSCul02052	ASA fails to set forward address in OSPF route redistrubution
CSCul05079	ASA Memory usage in a context rises
CSCul07504	CWS: ASA forwards HTTPS packets to CWS tower in wrong sequence
CSCul16778	vpn load-balancing configuration exits sub-command menu unexpectedly
CSCul22237	ASA may drop all traffic with Hierarchical priority queuing
CSCul25576	ASA: Page fault traceback after running show asp table socket
CSCul28082	ASA traceback in Thread Name: DATAPATH due to double block free
CSCul33381	ASA 5505 SIP packets may have extra padding one egress of 5505
CSCul34143	ENH: Need to optimize messages printed on upgrade from 8.2- to 8.3+
CSCul34702	ASA Unicorn rewriter memory corruption
CSCul37560	ASA traceback when uploading an image using FTP
CSCul46000	2048 byte block depletion with Smart-Tunnel Application
CSCul46971	ASA Transparent mode doesn't pass DHCP discover message
CSCul47395	ASA should allow out-of-order traffic through normalizer for ScanSafe
CSCul49796	ASA Tranparent A/A – Replicated MAC addresses not deleted after timeout
CSCul52942	ASA failover cluster traceback when replicating the configuration
CSCul55863	ASA with ICMP insp. drops replies with 'seq num not matched' code
CSCul60058	Case sensitivity check missing for Web Type ACL and Access-group
CSCul60950	IPSEC VPN – One crypto ACE mismatch terminates all Phase2 with that peer
CSCul61545	ASA Page Fault Traceback in 'vpnfol_thread_msg' Thread
CSCul62357	ASA fails to perform KCD SSO when web server listens on non-default port
CSCul64980	Acct-stop for VPN session doesn't send out when failover occurred
CSCul65863	ASA IGMP receiver-specific filter blocks all multicast receivers
CSCul67705	ASA sends RST to both ends when CX policy denies based on destination IP
CSCul68338	WEBVPN IE 11: CIFS bookmarks showing with unicode
CSCul68363	EIGRP: Auth key with space replicates to Secondary with no space
CSCul69592	ASA:Webvpn character encoding instructions unclear
CSCul70062	Capture Isakmp w/ match statement cause Standby to reload at replication
CSCul70712	ASA: ACL CLI not converting 0.0.0.0 0.0.0.0 to any4
CSCul73785	WEBVPN multiple issues with LMS application

Table 6　Resolved Bugs in ASA Version 9.3(1) (continued)

Bug	Description
CSCul74286	ASA: Phy setting change on member interfaces not seen on port-channel
CSCul77465	BPDUs on egress from ASA-SM dropped on backplane
CSCul83331	Redundant IFC not Switching Back
CSCul94773	ASA TCP Proxy can corrupt data, cause ACK storms and session hangs
CSCul96580	ASA tears down SIP signaling conn w/ reason Connection timeout
CSCul96864	ASA translates the source address of OSPF hello packets
CSCul98420	'Route-Lookup' Behavior Assumed for Twice NAT with Identity Destination
CSCum00360	ASA - DHCP Discover Sent out during boot process
CSCum00826	ASA reloads on Thread name: idfw_proc
CSCum01313	ASA drops DHCP Offer packet in ASP when nat configured with "Any"
CSCum06272	ASA reloads due to SSL processing
CSCum11724	secondary standby looses his cluster license after upgrade to 8.4.(7.3)
CSCum12633	webvpn issue,part of the http request not sent by the client to ASA
CSCum16576	ASA not allowing AC IKEv2 Suite-B with default Premium Peer license
CSCum16787	SSH: ASA 9.1.3 rare traceback observed during ping command
CSCum23018	ASA traceback with Thread Name: IKE Common thread
CSCum24634	IKEv1 - Send INVALID_ID_INFO when received P2 ID's not in crypto map
CSCum26955	Webvpn: Add permissions attribute to portforwarder jar file
CSCum26963	Webvpn: Add permissions attribute to mac smart-tunnel jar
CSCum28756	ASA: Auth failures for SNMPv3 polling after unit rejoins cluster
CSCum32334	WebVPN: ASA webVPN fails to rewrite dynamic content of pubmed website
CSCum35118	ASA:Traceback in Thread Name: DATAPATH-23-2334
CSCum37080	Traceback in IKEv2 Daemon with AnyConnect Failure
CSCum39328	uauth session considered inactive when inspect icmp is enabled
CSCum39333	idle time field is missing in show uauth output
CSCum47174	WebVPN configs not synchronized when configured in certain order-v3
CSCum51780	Problem configuring QOS priority with user-statistic on same policy-map
CSCum54163	IKEv2 leaks embryonic SAs during child SA negotiation with PFS mismatch
CSCum56003	Smart-tunnel for windows-Liveconnect exception-JRE 1.7u51
CSCum60784	ASA traceback on NAT assert on file nat_conf.c
CSCum63417	ASA should not allow interface MTU config greater than 9202/9198
CSCum65278	ASA 5500-X: Chassis Serial Number missing in entity MIB
CSCum68923	Webvpn: connecting to oracle network SSO returns error
CSCum68951	Webvpn: web applications that may refresh a page with "#" fail
CSCum69144	HTTP redirect to the VPNLB address using HTTPS fails in 9.1.4/9.0.4.x
CSCum70178	Datapath:Observing Deadlock in different DATAPATH threads
CSCum72854	Traffic does not hit Twice NAT configured after Static PAT
CSCum75214	ASA5585-SSP60 Teardown process is delayed under heavy traffic condition

Table 6   Resolved Bugs in ASA Version 9.3(1) (continued)

Bug	Description
CSCum75871	Traceback on standby ASASM when executing the failover active command
CSCum76734	ASA Backup scansafe tower is never polled
CSCum80899	ASA: Watchdog traceback in Unicorn Admin Handler with TopN host stats
CSCum82760	ASA traceback in Unicorn Admin Handler
CSCum82840	ASA: Traceback in pix_flash_config_thread when upgrading with names
CSCum84247	ASA – VPN session leak for IKEv2 if L2L sessions land on RA tunnel group
CSCum85047	Traceback in Thread: IPsec message handler with rip-tlog_event_allocate
CSCum85858	ASA Cluster: Unable to stop captures on CCL in a context
CSCum86538	SunRPC GETPORT Reply dropped when two active sessions use same xid
CSCum89182	show cluster info goid output needs formatting
CSCum91360	Aborted AnyConnect Authentications can cause resource leak
CSCum92080	Sourcefire Defense Center not able to be rendered via Clientless SSL VPN
CSCum93731	ASA 9.1.3 SNMP Traceback in Thread Name: SNMP
CSCum94542	Traceback in Thread Name: ci/console
CSCum95843	IKEv2 routes not installed if Dynamic and Static Crypto Map Match
CSCum96204	ASA cluster – RSA key size 4096 bits is not replicated cluster members
CSCun04658	Assigned IP in show vpn-sessiondb anyconnect is missing.
CSCun07943	Windows ICMP based Tarceroute through ASA faling
CSCun08017	ASA WebVPN memory leak – blank portal page
CSCun09515	capture option to be provided to collect pcap frm node other than master
CSCun10189	Ping doesn't work between peer IPs when answer-only is configured
CSCun10844	Java rewriting takes too much time
CSCun11323	ASA: Traceback in aware_http_server_thread after upgrade
CSCun12838	ASA Traceback in DATAPATH-1-1400 with error message shrlock_join_domain
CSCun15560	ASA-IC-6GE-SFP-C SFP port doesn't come up
CSCun16022	ASA traceback in Thread Name: IKE Daemon: with CX redirect in place.
CSCun16067	DAP creates dynamic ACLs even if single ACL selected.
CSCun17705	Regex modification within context causes ASA traceback
CSCun19025	ASA WebVPN login page XSS vulnerability
CSCun20457	ASA 9.1.x should accept RIP V1 updates
CSCun21186	ASA traceback when retrieving idfw topn user from slave
CSCun23552	XenDeskTop7:cannot relogin to StoreFront ineterface after logoff
CSCun25386	Anyconnect: Split-Tunnel dose not work with subnet 0.0.0.0/1
CSCun25809	AnyConnect Password Management Fails with SMS Passcode
CSCun28999	When long line is entered on cli, all chars > 510 silentl y discarded
CSCun31725	ASA using IKEv2 rejects multiple NAT_DETECTION_SOURCE_IP payloads
CSCun32324	ASA Cluster ICMP with PAT not functional on reload
CSCun32388	ASA 5585 cluster indicating SSM card down but no SSM module
CSCun32897	Data path: ASA traceback in CTM message handler

Table 6   Resolved Bugs in ASA Version 9.3(1) (continued)

Bug	Description
CSCun40620	ASA IPSec - DNS reply for RA client dropped when LZS compression enabled
CSCun41702	L2TP/IPSec connection is failed when there is PAT router.
CSCun41817	Hash calculated for multiple ACEs on ASA are same
CSCun41818	ASA: Traceback in thread Name: DATAPATH-1-2581
CSCun43082	ASA Tears Down Connections With Reason of 'snp_drop_none'
CSCun44108	Unable to access webvpn portal when CSD and IE content advisor enabled.
CSCun44541	ASA cut a part of credential data during cut-thru proxy authentication
CSCun45520	Cisco ASA DHCPv6 Denial of Service Vulnerability
CSCun48868	ASA changes to improve CX throughput and prevent unnecessary failovers
CSCun59095	ASDM interface graph showing bogus values in S/W and H/W output queue
CSCun59657	ASA-SM not sending SNMP traps with 9.0.4
CSCun61466	terminal width command is deleted when removing other context
CSCun66161	5585-20 8.4.7.11 traceback in Thread Name Datapath w/ DCERPC inspection
CSCun66306	IDM/IME/File Transfer Slow For Certain Source and Destination IP Pairs
CSCun69669	Posture assement failing after HS upgrade to 3.1.05152
CSCun71016	OSPFv3 route stuck in routing table after failover
CSCun71586	MEMLEAK: 128 byte leaks when requesting IPv6 address for AnyConnect
CSCun75965	Name for IPv6 address causes objects to became empty after reload
CSCun78551	Cisco ASA Information Disclosure Vulnerability
CSCun81982	Packet-tracer showing incorrect result for certain NAT configurations
CSCun83186	Nameif command not allowed on TFW multimode ASA with clustering
CSCun85465	'ASA modifies Request Host Part under 'ACK' packet for SIP connection'
CSCun86984	ASA 5505 u-turned/hairpinned conn counts toward license local-host limit
CSCun88276	High CPU with IKE daemon Process
CSCun95075	ASA drops packet due to nat-no-xlate-to-pat-pool after removing NAT rule
CSCun96170	ASA 8.4.6: Traceback with fover_FSM_thread
CSCuo00627	Saleen copper module port speed/duplex changes ineffective
CSCuo02948	To the box traffic dropped due to vpn load-balancing (mis)configuration
CSCuo03555	SNMP: cpmCPUTotal5sec/1min/5min return "0"
CSCuo03569	VPN client firewall and split-tunneling mishandle "inactive" acl rules
CSCuo04965	Clientless scrollbar on right hand side of the screen doesn't render
CSCuo05186	ASA 9.1 DMA Memory exhaustion in 240 binsize
CSCuo08511	ASA 9.0.4.1 traceback in webvpn datapath
CSCuo09383	ASA WebVPN Memory leak leading to Blank Portal Page/AnyConnect failure
CSCuo10869	VPN-filter ACL drops all traffic after upgrade for pre 8.3 to 9.x
CSCuo11057	IPsec transform sets mode changes from transport to tunnel after editing
CSCuo11867	CSCub92315 fix is incomplete
CSCuo14701	Interop: relax PrintableString encoding enforcement in PKI

Table 6   Resolved Bugs in ASA Version 9.3(1) (continued)

Bug	Description
CSCuo19916	ASA - Cut Through Proxy sends empty redirect w/ Virtual HTTP and Telnet
CSCuo23892	ASA SIP Inspect:'From: header' in the INVITE not NATed for outbound flow
CSCuo26501	ASA: Traceback in Thread Name: Dispatch Unit when enable debug ppp int
CSCuo26632	ASA SSLVPN OWA 2007: Unable to attach files >= 1 MB with KCD enabled
CSCuo27866	Traceback on DATAPATH-7-1524 Generating Botnet Filter Syslog
CSCuo32369	ASA WebVPN Rewriter: CSCOGet_location Improperly Pulls Full Web Address
CSCuo33186	Traceback with thread DATAPATH-2-1181
CSCuo44216	ASA traceback (Page fault) during xlate replication in a failover setup
CSCuo46136	ASA does not relay BOOTP packets
CSCuo49385	Multicast - ASA doesn't populate mroutes after failover
CSCuo54393	ASA: HTTP searchPendingOrders.do function failing over WebVPN
CSCuo54448	WebVPN capture causes conflict with other capture types
CSCuo58411	ASA IKEv2 "Duplicate entry in tunnel manager" (post 9.1.5)
CSCuo60435	ASA: Webvpn using incorrect password for auto-signon with Radius/OTP
CSCuo61372	ASA doesn't send invalid SPI notify for non-existent NAT-T IPSec SA
CSCuo63172	ASA 9.1.(3)4 Memory Leak in KCD
CSCuo64803	ASA Rewriter does not support encoded values for characters like " ' "
CSCuo70963	WebVPN: Javascript rewrite issue with Secret Server Application
CSCuo73792	ASA 9.x Management Port-Channel Cannot configure management-only in TFW
CSCuo78285	Firewall may crash while clearing the configuration
CSCuo78892	Traceback when using IDFW ACL's with VPN VPN Filters
CSCuo82612	5585-20 9.2.1 Traceback in Thread Name: DATAPATH-1-1567
CSCuo84225	CIFS drag & drop not working with remote file explorer over webvpn
CSCuo88253	ASA NAT: Some NAT removed after upgrade from 8.6.1.5 to 9.x
CSCuo89924	Giaddr to be set to the address of interface facing the client.
CSCuo91763	ASA allows to empty an access-list referenced elsewhere
CSCuo95074	ASA - crash in SSL Client compression in low memory conditions
CSCuo95602	Standby ASA traceback on Fover_Parse with Botnet Filter
CSCuo97036	show vpn load-balancing shows Public addr as Cluster IP addr for Master
CSCuo99186	Inconsistencies seen while sending warmstart trap on reload
CSCup00433	Failover Standby unit has higher memory utilization
CSCup01676	ASA: Crash in DATAPATH
CSCup05772	Snmp-server hosts entries are lost when upgrading from 9.1(4) to 9.1(5)
CSCup07447	ASA WebVPN: Script error when using port-forwarding
CSCup08262	9.0(4)5 - Unable to access internal site via clientless SSLVPN
CSCup08912	ASA SSLVPN Java plugins fail through proxy with Connection Exception
CSCup09236	L2TP/IPsec fragmentation change causing ICMP-PMTU being sent
CSCup09881	show webvpn kcd Error code 2 (ERROR_FILE_NOT_FOUND)
CSCup09958	ASA: Webvpn Clientless - certificate authentication fails intermittently

Table 6   Resolved Bugs in ASA Version 9.3(1) (continued)

Bug	Description
CSCup13265	ASA - Traceback in thread name: sch_prompt anonymous reporting
CSCup16512	ASA traceback in Thread Name : Checkheaps when snmp config is cleared
CSCup16860	IKEv2 DPD is sent at an interval not correlating to the specified value
CSCup24465	Jumbo frame calculations are incorrect or hard coded
CSCup26021	TCP intercept does not work after embryonic connection ends
CSCup26347	ASA Panic: CP Processing - ERROR: shrlock_join_domain
CSCup32973	ASA EIGRP does not reset hold time after receiving update
CSCup33868	ASA doesn't apply vpn-filter if group policy is assigned by Cisco VSA 25
CSCup36543	WebVPN Problem- icons missing, buttons not working
CSCup40357	SNMP: Unable to verify presence of second power supply in ASA 5545
CSCup44564	Remove Comment in Cookie
CSCup47885	ASA: Page fault traceback in DATAPATH when DNS inspection is enabled
CSCup48772	ASA - Wrong object-group migration during upgrade from 8.2
CSCup48979	ASA - Permitting/blocking traffic based on wrong IPs in ACL
CSCup50857	ASA traceback in thread name idfw_adagent
CSCup54184	ASA Overwrite any file on WebVPN RAMFS
CSCup59017	ASA with ACL optimization crashing in "fover_parse" thread

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For additional information on the ASA, see Navigating the Cisco ASA Series Documentation.

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