



Caveats in Cisco ASR 1000 Series Aggregation Services Routers Release 3.17S

This chapter provides information about the caveats in Cisco ASR 1000 Series Aggregation Services Routers Release 3.17S.

Caveats in Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.4S

This section contains the following topics:

- [Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.4S, page 177](#)

Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.4S

All resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the Resolved bug search. This search uses the following search criteria and filters:

Field Name	Information
Product Series/Mode	Cisco ASR 1000 Series Aggregation Services Routers
Releases	15.6(1)S4
Status	Fixed



Caveat ID Number	Description
CSCve54313	Crash in ALPS SNMP code
CSCvc42729	Autonomic Networking Infrastructure Adjacency Discovery DoS Vulnerability
CSCvc42717	Autonomic Networking Infrastructure Registrar Device Reload
CSCvc89965	After reload route policy processing not re-evaluate with route-map using match RPKI
CSCUw35828	crash w/BGP show advertised-routes when route-server is on vrf
CSCvd09584	eVPN PMSI VNI decoding / encoding as MPLS label
CSCvc31517	Router crashes using BGP commands for long cost extended community string
CSCve57697	Crash in Bstun SNMP code
CSCUw77959	1801M - %DATACORRUPTION-1-DATAINCONSISTENCY: copy error
CSCvc16650	IOS secure conferencing leads to SRTP bandwidth and tunnels usage to exceed the license limits
CSCUp70353	Cisco IOS XE Software Web User Interface Denial of Service Vulnerability
CSCuz30491	High CPU Utilization with RIP Timers
CSCvb70426	GETVPN: crash due to unexpected exception to CPU during Reg/Rekey policies from KS
CSCve10917	IPSec crash on ASR1k router while processing KMI
CSCvd40880	Modifying crypto ACL leads to a removal of crypto map config
CSCvc27005	Stateless IPSec HA doesn't work when HSRP packets are being recirculated on VASI link
CSCvc59750	IKEv2 Aggregate-auth Timing Issue
CSCvc99738	IKEv2 tunnel fails to come up b/w Cisco routers post upgrading one router to 15.5(3)S5, 15.5(3)M5
CSCvc12306	Limit ike-init queue to improve performance in scaled scenarios
CSCvd47757	csr1000v is not able to poll CISCO-IPSEC-FLOW-MONITOR-MIB
CSCve62464	Locally generated traffic may be dropped in a GETVPN over DMVPN setup
CSCvb25357	NHRP registration requests failed after ipv6 tunnel source change
CSCvb66239	Willr noL3 tunnel MTU is not signalled properly for locally-originated packets
CSCvb41889	NTP leap second inserted every day after leap second occurs
CSCuy32325	DMVPN: NHRP route-watch does not delete NHO route after route change
CSCvb92697	High CPU due to NHRP when NHRP cache entry for remote spoke's tunnel address is deleted
CSCvc12485	ASR1006 crash in ospfv2_print_db_simple on cmd "sh ip ospf retransmission-list"
CSCvb84388	Auth and CRL download fails with "There is another request in progress"
CSCuz22162	Digital certificates does not sync to standby
CSCUv44053	PKI Rollover: rollover cert is being added as active id cert
CSCvb73018	PKI: Cannot import RSA SubCA signed by ECDSA

Caveat ID Number	Description
CSCuw42556	retry does not work in one scenario after renewal fail
CSCvc22184	BQS Interrupt QSM_CSR32_QSM_LOGIC_ERR_LEAF_INT__INT_INCORRECT_POP_STATU S_ERR1
CSCvb44207	CTS/SGT across GRE p2p tunnel broken when doing inline tagging
CSCvb92562	Evaluation of all for Openssl 1.0.1 September 2016
CSCve66658	Crash in TN3270E-RT-MIB code
CSCve21448	multiple ISR4K VGW's crashed with Segmentation fault(11), Process = DSMP

Caveats in Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.3S

This section contains the following topics:

- [Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.3S, page 179](#)

Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.3S

All resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the Resolved bug search. This search uses the following search criteria and filters:

Field Name	Information
Product Series/Mode	Cisco ASR 1000 Series Aggregation Services Routers
Releases	15.6(1)S3
Status	Fixed

Caveat ID Number	Description
CSCuy96648	add a CLI to enable/disable per-filter counter
CSCvb01460	ASR 901 is crashing after 20mins of loading the latest XE316 image
CSCuz84796	NBAR does not support dialer interface support on IOS-XE
CSCuz22379	ASR1001-X "mcpcc-lc-ms" process high CPU
CSCva92726	AN: AN memory holding grows during longitivity test
CSCva29933	AN: ASR901 hangs after AN aborts setup dialogue

Caveat ID Number	Description
CSCuz76841	AN: ISR-G3 crashes after disabling autonomic
CSCva49849	AN: Nbr/ACP flap continuously when a rouge device tried to join
CSCuz88340	AN: ULA is configured on ANI & same ANI used for multiple neighbors
CSCuz74838	IOS-XE / Polaris Router Crashes When SNMP Polls CISCO-STP-EXTENSIONS-MIB
CSCuz56699	ISR 4k Paging over SIP / FXS phones have no audio
CSCuz96173	CFM RDI bit not clearly automatically after node reload
CSCuz80158	ISSU:XE316->XE314:IOSd Core@ecfm_get_evc_count during unconfig
CSCuz80524	RP_0_linux_iosd-imag crash in ASR920
CSCva91655	FIB recursive loop crash
CSCuz61109	Self ping to port channel sub interface dropped with LISP decap log

Caveats in Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.2S

This section contains the following topics:

- [Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.2S, page 180](#)
- [Open Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.2S, page 182](#)

Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.2S

All resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the Resolved bug search. This search uses the following search criteria and filters:

Field Name	Information
Product Series/Mode	Cisco ASR 1000 Series Aggregation Services Routers
Releases	15.6(1)S2
Status	Fixed

Identifier	Description
CSCuv93086	PPPoA sessions are not coming UP after the reload/interface flap
CSCuz54836	ASR1002-X with harddisk installed stuck in crash and reboot cycle
CSCuy74157	IOS-XE: 2KP/1NG espbase,sip info is not present in sh ver running
CSCux37457	Power supply status stuck on either "ps, fail" or "ok"

Identifier	Description
CSCux32911	2KP: Router crash at ptpd_mcp_rp while removing PTP clock config
CSCuy59471	erspan supports configure flexible mac for the wan interface
CSCuz34766	ASR1000-2T+20X1GE GE ports cause CRC errors when connected to some LCs
CSCuz47707	EPA 1GE Ports may cause CRC errors
CSCuw66285	ASR1001-X: Counters for Q-in-Q sub interface not working as expected
CSCuw97986	LLDP not working between ios-xe and ios-xr on subinterfaces
CSCuz09783	ZBFW asynchronous memory API change for USD platform
CSCuy06618	DMVPN Phase 3 Hub is not sending NHRP redirect with Shared IPsec profile
CSCux66017	ASR1K crash due to "SNMP engine" when polling ifEntry on sonet interface
CSCux68942	"debug platform software infrastructure punt mma" enhance for lost seq
CSCuz16934	PfRV3: Unexpected big byte lost report with NBAR based QoS integration
CSCux74788	ASR1002-X: Memory leak in IOSD: acl-handle
CSCuy38643	ESP PBR crash on interface delete
CSCux23929	DL RPC timeout during FPD upgrade of CEOP SPAs
CSCux36675	VLAN Unlimited not working in certain case with port-channel
CSCuu17470	XE314:1NGPacket drop Built-In interface configured with EVC and xconnect
CSCuy99086	Appnav with WAAS experiences an unexpected reload.
CSCuy41182	crash on RP forwarding manager due to cpp_ucose core on ISRG3
CSCux80430	Archive command broken when files removed by tracelogs rotation
CSCuz13399	ISSU XE316 ->XE317: ATMOMPLS ip ping failed CEoP link for port mode conf
CSCuy21483	ISR4451-X Crash at cpp_dsp_get_stream_stats
CSCuy37375	path-id cannot be discovered on branch sites without ipsec protection
CSCux43553	XE316: ASR1001X BR ucode crashed at ipv4_input_cent_rc_process
CSCuy89796	ASR1k cpp_cp_svr crash due to WRED mark prob set to 256
CSCuw11097	ASR one way audio due to incorrect provision by FMAN-RP

Open Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.2S

All open bugs for this release are available in the [Cisco Bug Search Tool](#) through the Open Bug Search.

Identifier	Description
CSCuy68627	ASR1K-BB: double counting issue when ppp session in unbound state
CSCuz54836	ASR1002-X with harddisk installed stuck in crash and reboot cycle
CSCux37457	Power supply status stuck on either "ps, fail" or "ok"
CSCuz69316	MIP100/EPA-1X100GE SCOOPY-5-SERIAL_BRIDGE_BLOCK_EVENT messages
CSCuy49365	ASR1013 - ROMMON upgrade to 15.5(3r)S1 failed for LC in slot 0
CSCuz72439	Mark XE3.17.2/15.6(1)S2 as MDR break release for ASR1000-2T+20X1GE
CSCux57066	ASR1K : Lawful Intercept not working as expected for IPv6 traffic
CSCuy50888	ASR1k Console is getting stuck while downgrading to 3.13.3 from 3.16.2
CSCuz16934	PfRV3: Unexpected big byte lost report with NBAR based QoS integration
CSCuy90440	Performance monitor crashes with RTP traffic
CSCuz50915	Unexpected reboot on router due to flexible netflow
CSCux93176	ASR1k:stby RP stuck while bootup
CSCux56486	Rommon version 15.5(3r)S1 will not allow booting packages.conf
CSCuz22379	ASR1001-X "mcpcc-lc-ms" process high CPU
CSCuy93714	ASR1001-X, frame counter increased after reload
CSCuw81295	Ping fails on ASR 1001X when Cu SFP is replaced by Optical SFP
CSCuy99086	Appnav with WAAS experiences an unexpected reload.
CSCuz16259	router crashed with No such process 205 -Process= "SC CMM Recv Process"
CSCuy41182	crash on RP forwarding manager due to cpp_ucose core on ISR3
CSCux09389	CWS Whitelist download fails if UTD is enabled on cws-tunnel out intf
CSCuz62942	UTD Snort: Show CLI will stop working after sometime
CSCul24641	ESP crashes due to BQS SRT stem memory parity interrupt
CSCuy21483	ISR4451-X Crash at cpp_dsp_get_stream_stats
CSCuz00895	ESP crash observed while testing with Orange Configs.
CSCuz51603	multicast crashed with invalid leaf pointer
CSCuz58499	ASR1K: Packets are not as expected on multilink interface
CSCux43553	XE316: ASR1001X BR ucode crashed at ipv4_input_cent_rc_process
CSCuy89796	ASR1k cpp_cp_svr crash due to WRED mark prob set to 256
CSCuz08730	MDR ISSU fails from XE3.16.3 to XE3.17.X for BUILT-IN-2T+20X1GE

Caveats in Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.1S

This section contains the following topics:

- [Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.1aS, page 183](#)
- [Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.1S, page 183](#)
- [Open Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.1S, page 184](#)

Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.1aS

Identifier	Description
CSCuz54836	ASR1002-X with harddisk installed stuck in crash and reboot cycle
CSCuz65079	SIP40: Support for new revision MPC8548 Rev.E CPUs

Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.1S

All resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the Resolved bug search.

Field Name	Information
Product Series/Mode	Cisco ASR 1000 Series Aggregation Services Routers
Releases	15.6(1)S1
Status	Fixed

Identifier	Description
CSCux88010	XE3.16: Optimize HSL Punt buffer size for high scale MMA punt records
CSCuw47720	ASR1001-X Mgmt port negotiation issue with peer device
CSCuw30599	ISR4331-B: traceback occurred when enabling Ethernet Data Plane Loopback
CSCux00303	Router crash after stopping EPC
CSCux29703	ASR1000-2T+20X1GE fails to boot on router reload with SPA-3-NULL_BAY_PTR
CSCux55692	TCAM Errors in NL11k TCAM of Fixed Ethernet Linecards
CSCut62449	Disable HTTP AIC support
CSCuw98135	ZBFW HA not replicating sessions when matching based upon L4 proto/port

Identifier	Description
CSCux50997	IOS crashes on bootup without any startup configuration
CSCux44606	Name ACL for Multicast Boundary Stops Working Upon Reload
CSCux33568	ESP crash while reconfiguring FR interface to MFR bundle
CSCux02656	ASR1K: Crash related to collecting NetFlow data for IPv6 flows
CSCux07224	ASR1K crash with OTV due to L2BD FIB entry change
CSCuw78755	IOS-XE need not require appxk9 license to support per-tunnel DMVPN QoS
CSCuw70220	IOSXE PACTRAC: cpp crash when packet trace enabled for MPLS and SSLVPN
CSCux43951	Packet drops on built-in 1Gig ports of ASR1001-X
CSCux42411	ASR1001-X Frame Relay with Fortitude NIM fails due to LMI packet padding
CSCux14860	ASR1K:Packet Tracing failed with FW,NAT&FW enabled.
CSCuw73223	Polaris : cpp_cp_svr crash when the interface goes down
CSCux10321	ASR1000 CLI hangs on executing the "show platform hardware qfp xxx"
CSCux40633	ISR 4451 Continuous Crash/ Core Crash File generated with WAAS/Appnav

Open Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17.1S

All open bugs for this release are available in the [Cisco Bug Search Tool](#) through the Open Bug Search.

Identifier	Description
CSCuw72655	RSP3: fman_fp crash on soak run with interface flaps
CSCuy09993	ASR1k: ucode crash with hal_abort called from cvla_free_reuse_internal
CSCuy38643	ESP PBR crash on interface delete
CSCux59115	ASR1002-X Crash with dpidb_tableid_params_initialize
CSCuy18665	CSR crashes on installing bb_1K license
CSCuy41182	crash on RP forwarding manager due to cpp_ucode core on ISRG3
CSCuy14366	ASR1001-X interrupt MBE exception crash with cpp-mcplo-ucode
CSCuy21483	ISR4451-X Crash at cpp_dsp_get_stream_stats
CSCux77255	ISR 4K - srtp ucode crash

Caveats in Cisco ASR 1000 Series Aggregation Services Routers Release 3.17S

This section contains the following topics:

- [Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17S, page 185](#)
- [Open Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17S, page 187](#)

Resolved Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17S

All resolved bugs for this release are available in the [Cisco Bug Search Tool](#) through the Resolved bug search. This search uses the following search criteria and filters:

Field Name	Information
Product Series/Mode	Cisco ASR 1000 Series Aggregation Services Routers
Releases	15.5(2)S
Status	Fixed

Identifier	Description
CSCut68825	PFRv3: unexpected byte loss reported due to TCP packet flow out of order
CSCuv82778	PfRv3:CPP code crash with multiple ssrc per rtp flow
CSCuv79776	Router with Pfr feature crashed at cpp_free_exmem
CSCuu50189	ASR1K reported %LSMPI-4-INJECT_FEATURE_ESCAPE for PPPoE data packet
CSCuu13292	ASR1k ucode crash at ipv4_esf_portbundle_forus
CSCuv46318	ESP100 cpp_cp_svr crash issue due to invalid stats_sbs_entry data
CSCuv66011	ESP100: cpp_cp_svr crashed in function cpp_ess_ea_is_vsi_valid
CSCuj15099	ISG doesn't preserve PBHK port mapping in lite to dedicated session
CSCuv39347	bfd flapping on ISR4321 if monitor long time
CSCuv80911	change BFD timer granularity to 3ms for USD
CSCuv52648	ESP memory leak under cpp_cp_svr due to BFD feature
CSCuv61799	ASR1000 power supplies require SW debounce of PWR_OK signal
CSCuu55787	ASR1001-X: Router fails to come online with No Service Password Recovery
CSCuv14195	ASR1006-X and ASR1009-X Need to have RP2 CPLD upgrade support
CSCuu30999	Asset ID write not working on pluggable spa of Nightster
CSCuv18079	Chassis-X RP2 downrev CPLD indicate FRU's incompatible-misleading msgs
CSCuu49706	Consider reading power SPA power consumption from Inventory
CSCuu99672	False fan module missing alarm is raised
CSCut82336	ASR1002-X: Handle leap second in ToD IN

Identifier	Description
CSCUv87030	Clock recovery fails on 1gige interfaces of ASR1000-2T+20X1GE
CSCUv87081	Broadcast counters issue for management interface for incoming pkts
CSCUv25529	Remote MEPs 611/613/711/712 not found and unsuccessful Traceroute
CSCUv84600	Netflow packets are dropped when EPC is enabled
CSCUv46022	10G and 100G EPA show slow CRC
CSCUu50769	ELC 100G: Support of Random Mode in MBFPGA I2C Kernel Driver
CSCUv71775	EPA:68byte padding works on port0 of bay but other ports won't work.
CSCUu76585	Error with 32K VLAN configured on Single EPA
CSCUv21977	EZman Show buffer FCU Tags output wrong
CSCUv83742	ICFD errors in NP5c has to be accounted in show CLIs
CSCUu96551	Runts with Bad/No CRC behavior on ASR1k.
CSCUu14809	Byte counters display incorrect value for multicast traffic over sub-int
CSCUu35042	CSR1000v Slow VRRP Failover to a BDI interface
CSCUu85007	split-horizon group communication failure
CSCUv91545	ESP continuous crash on ASR1013 using 03.13.03.S.154-3.S3-ext.bin
CSCUu59154	RP memory leak @[fw_config] type inspect_agg_age_cfg/0
CSCUv21885	fman_fp_image and cpp_cp_svr memory leak - QFP Pfr MP Prefix H...
CSCUu12008	rework CSCUv21885: chunk_destroy memory leak.
CSCUu69670	ASR1K: Unable to ping contained application after reload
CSCUu21736	MCPDEV : CTS caching shows physical interface instead of tunnel
CSCUv66894	evsi session fail to come up using multicast on all the virtual-access
CSCUq21350	First multicast rekey is not being received by the ASR GMs
CSCUu01093	ASR1k crash at imgr_ipsec_sa_cont_id_as_str
CSCUw66262	ASR1k: Memory Leak in cpp_cp_svr Process
CSCUv91647	GETVPN on IOS-XE: GM incorrectly drops packets due to TBAR failure
CSCUu35388	IKEv1/2 - IPsec SA lifetime expires immediately after SA is established
CSCUu26053	Incorrect SPD ID in show platform software ipsec fp act flow id
CSCUv41763	invalid-spi drop as IN_US_V4_PKT_FOUND_IPSEC_NOT_ENABLED, ipsec UP-IDLE
CSCUv14212	IOS-XE: IPv6 GETVPN dropped after un-configure then re-configure VRF
CSCUw21897	Traceback seen with ip cef accounting
CSCUc40262	Linux kernel cache is leading to confusion over memory usage
CSCUu36926	XE317:IP Ping connectivity failure with atm_pmcr_pcr configs
CSCUu91954	Fix potential crash in cable lawful intercept
CSCUu72025	Multiple ESP Core on ASR1006
CSCUv12943	Add cli support to enable cepThroughputNotif trap
CSCUu97063	Syslog trap support with IPbase license for ASR1k platforms
CSCUu92372	X-chassis MIB descriptions for power supplies are incorrect

Identifier	Description
CSCuv44159	MCP FME: skip jitter calculations for RTP dynamic payload types
CSCus85112	CGN, QFP: Show cmd display incorrect NAT trans stats for per-host IP add
CSCuu81682	IP getting NAT translated while its in DENY ACL list
CSCuu82192	NatGatekeeper performance degraded
CSCut76900	Unable to force clearing child(full-entry) if parent(half-entry) present
CSCuu05210	PfRv3: Not account controlled pkts if the src site is not self
CSCuu27197	ASR1K 1NG: set platform software trace doesn't show IOMD in nightster
CSCup42922	SASR1K1XU-312S does not support command to check ACT2 chip programming
CSCut50169	Mac src and dst based load balance not work on OTV port-channel
CSCuu16358	AQOS upper and lower range does not show correct value on ASR1k
CSCuv46771	CMTS: Results Mismatch in QoS Client
CSCut09922	cpp_cp traceback from qos cpp_qm_rm_tree_obj_add
CSCuu06642	IOSd memory leak in tdl_hqf_reparent_params
CSCut92421	ASR1002-X ROMMON 15.4(2r)S intermittently halts during autoboot
CSCuv59014	ASR1k ROMMON: Vulnerability in package codesign validation
CSCuu70271	ASR1k ROMMON: With NSPR, allow user to cancel factory default clearing
CSCuu75086	ROMMON should use the revocation key offered by the secure boot FPGA
CSCuu89720	crash found when remove ipv6 media pool
CSCuu30452	EVENTLIB-3-CPUHOG Traceback found when FPSO or bootup
CSCur48133	ATM 3xOC3 SPA failed to program with IFCFG_CMD_TIMEOUT error
CSCuu54317	Backout CSCur48133/CSCuu21225/CSCuu33633 from XE316 & mcp_dev
CSCuu03930	RPcrash while booting with 3.13.2IOSXE after SPA-4XCT3/DS0-V2 insertion
CSCup91567	ASR1001-X boot-loops with CMCC crash and XGM MAC10 block errors
CSCuo04588	Correct Settings for Nightster Vitesse 10G PHYs
CSCur95967	TB @fpd_ver_info_resync_resp_message_unmarshal during SSO on ASR1001-HDD
CSCut41815	Unable linkup on opposing unit of ASR1k built in port after "no shut"
CSCuv60858	SSL-GW doesn't listen to the new IP after SSL Port and IP addr change
CSCuv30194	crash at wccp stats handler

Open Caveats—Cisco ASR 1000 Series Aggregation Services Routers Release 3.17S

All open bugs for this release are available in the [Cisco Bug Search Tool](#) through the Open Bug Search.

Identifier	Description
CSCuw39062	ASR1K: temperature sensor threshold values are showing wrong

