

Release Notes for Cisco Aironet 1800s Active Sensor, Cisco Wireless Release 8.8.258.0

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Introduction

This release notes document describes features, enhancements, and caveats for the Cisco Aironet 1800s Active Sensor using the Cisco Wireless Release 8.8.258.0 8.8.259.0 . These release notes are updated as needed to provide information about new features, caveats, potential software deferrals, and related documents.



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Overview of Cisco Aironet 1800s Active Sensor

The Cisco Aironet 1800s Active Sensor is a part of Cisco's Wireless Service Assurance solution. The Wireless Service Assurance platform has three components, namely, Wireless Performance Analytics, Real-time Client Troubleshooting, and Proactive Health Assessment.

The Cisco Aironet 1800s Active Sensor is referred to as the Network Sensor, or sensor in this document.

The Cisco Aironet 1800s Active Sensor is an 802.11 a/b/g/n/ac (Wave 2) sensor, with internal antennas and an Ethernet backhaul. The sensor can be mounted, in a vertical orientation, on a wall or a desk and supports 2x2:2 SS MU-MIMO applications. The sensor is capable of joining an infrastructure access point as a client. The sensor can be used to monitor, measure, and troubleshoot overall wireless network performance.

What's New in Cisco Wireless Release 8.8.258.0

The following section provides a brief introduction to the new features and enhancements that are introduced in this release:

Cisco DNA Center Speed Test for Sensors

The speed test allows the Cisco Aironet 1800s Active Sensor to directly measure the network speed between a wireless client and the server to identify performance problems and configuration issues. The sensor must have internet access (through a proxy server if the sensor is behind a firewall) to run the speed test. This test is conducted using Cisco DNA Center where you need to specify details of the speed test server the client is connecting to and the proxy server.

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Cisco IP SLA for Sensors

The Cisco IP Service Level Agreement (SLA) feature enables the use of the Cisco Aironet 1800s Active Sensor as clients to proactively monitor the wireless network and manage network performance. This test is conducted using Cisco DNA Center where you need to specify the test name, location from the site hierarchy, and interval before scheduling the tests.

Caveats

Caveats describe unexpected behavior in the Cisco Wireless Network Sensor software. Severity 1 caveats are the most serious while Severity 2 caveats are less serious.

The [Resolved Caveats, on page 3](#) and [Open Caveats, on page 3](#) sections list the caveats in the Cisco Wireless Release 8.8.258.0. The following information is provided for each caveat:

- Identifier—Each caveat is assigned a unique identifier (ID) with a pattern of CSCxxNNNNN, where x is any letter (a-z) and N is any number (0-9). These IDs are frequently referenced in Cisco documentation, such as Security Advisories, Field Notices and other Cisco support documents. Technical Assistance Center (TAC) engineers or other Cisco staff can also provide you with the ID for a specific caveat.
- Description—A description of what is observed when the caveat occurs.

Cisco Bug Search Tool

The [Cisco Bug Search Tool](#) (BST), which is the online successor to the Bug Toolkit, is designed to improve the effectiveness in network risk management and device troubleshooting. The BST allows partners and customers to search for software bugs based on product, release, and keyword, and aggregates key data, such as bug details, product, and version. The tool has a provision to filter bugs based on credentials to provide external and internal bug views for the search input.

For more information about how to use the [Cisco Bug Search Tool](#) effectively, including how to set email alerts for bugs, filter bugs, and save bugs and searches, see the [Bug Search Tool Help & FAQ](#) page.

You can access the listed bugs through the BST. This web-based tool provides you access to the Cisco bug tracking system, which maintains information about bugs and vulnerabilities in the Cisco Wireless Network Sensor software and other Cisco hardware and software products.

Click the Caveat Identifier number in the table. The corresponding BST page is displayed with details of the bug.



Note If you are not logged in, you will be redirected to a **Log In** page where you need to enter your registered Cisco.com username and password to log In. If you do not have a Cisco.com account, you can [register](#) for one.

If the defect that you have selected cannot be displayed, this may be due to one or more of the following reasons:

- The defect number does not exist
- The defect does not have a customer-visible description yet
- The defect has been marked Cisco Confidential

Open Caveats

This section lists the open caveats in Cisco Wireless Release 8.8.258.0. These caveats apply to the current release and may apply to previous releases. A caveat that is open for a prior release and is still unresolved applies to all future releases until it is resolved.

Table 1: Cisco Aironet Network Sensor: Open Caveats in Cisco Wireless Release 8.8.258.0

C a v e a t Identifier	Caveat Description
CSCvm55730	Inconsistent test results in the sensor dashboard
CSCvm75439	Cisco Aironet 1800s may reboot to OOM on running all tests
CSCvm79133	Sensor does not recover from HEARTBEAT FAILURE after upgrade from 1.2.4 to 1.2.5
CSCvn04116	IOS AP needs to be avoided for running IPSLA tests
CSCvn12673	Sensor "test results" for all tests has missing test results
CSCvn14831	Cisco DNA Center 1.2.6: Sensor EAP-FAST test reports slow-onboarding

Resolved Caveats

This section lists the caveats that have been resolved in Cisco Wireless Release 8.8.258.0.

Table 2: Cisco Aironet Network Sensor: Resolved Caveats in Cisco Wireless Release 8.8.258.0

C a v e a t Identifier	Caveat Description
CSCvh95813	Sensor: wired and wireless interface have ip address at the same time
CSCvm01614	Sensor: Wireless backhaul is broken in 8.8 code
CSCvm01723	Sensor: Sensor functionality broken when Domain name used for DNA
CSCvm12556	Sensor Webauth Test Failure: Logout logic needs addressing unexpected error during webauth

C a v e a t Identifier	Caveat Description
CSCvm19856	Sensor Performance: IPSLA test latency is much higher than speed test latency
CSCvm43401	Sensor: Tests on 8.8.256.4 stops after 2-3 iterations with NBUF alloc failed
CSCvm49352	Exceptions during WSA tests
CSCvm50489	DNAC 1.2.5: Speed test results are failing for 1800S
CSCvm59149	AP1800-S sensor crashes on OOM when image upgrade initiated through SWIM
CSCvm66802	AP1800S: Wireless sensor is not even trying to connect to the test SSID created from DNAC
CSCvm75461	Sensor: Sensor functionality stopped on 1800S but did not reboot
CSCvm75593	AIR-AP1800S-B-K9 sensor stopped sending heartbeat to DNAC and goes to unreachable state
CSCvm77389	1800S: Continuous OOM when speed test is running
CSCvm81391	Sensor: EAPTLS onboarding failure due to inability to download the certificate
CSCvm85165	Sensor 8.8: Disable SSH by default

Service and Support

For all support-related information, see <http://www.cisco.com/c/en/us/support/index.html>.

Related Documentation

- [Cisco Aironet 1800s Active Sensor Getting Started Guide](#)
- [Cisco Aironet Sensor Deployment Guide](#)

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Cisco Bug Search Tool

[Cisco Bug Search Tool](#) (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

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