



ADC Plugin Version 2_59_1330 Release Note

Release Date: October 27, 2020

Last Updated: October 27, 2020

Introduction

This Release Note identifies all changes and issues related to this ADC Plugin Release for the StarOS™ based Application Detection Control (ADC) in-line service, formerly known as Peer-to-Peer Detection.

Feature and Behavior Changes

CSCvw11815: Support for Mvfst QUIC Draft Version 27

Feature Changes

Facebook and Instagram application traffic were not detected properly because p2p supported only MVFST QUIC draft versions 22 and 18. In this ADC Plugin version 2.59.1330 release, MVfst QUIC draft version is updated to 27, to improve traffic detection of Facebook and Instagram application.

CSCvw22453: Support for WhatsApp Call Detection only when voip Subtype Detection CLI is Enabled

Behavior Changes

Previous Behavior: When WhatsApp detection is enabled in P2P, Deep Packet Inspection (DPI) for WhatsApp audio/video calls were enabled by default.

New Behavior: Detection of WhatsApp audio/video calls is moved under a separate CLI command. When the CLI command is disabled, WhatsApp audio/video call will be detected as Real-time Transport Protocol (RTP) by default. WhatsApp call detection is enabled only if **p2p-detection debug-param protocol-param voip_subtype_detection 1** is enabled.

Customer Impact: WhatsApp audio/video calls are not detected by default.

CSCvw22461: Disable apps which are no longer existing from DPI

Behavior Changes

Previous Behavior: Detection support for applications that are no longer available in Play Store (Google Play) and App Store (iOS) were available as part of P2P DPI engine.

New Behavior: Applications that are no longer available in both Play Store (Google Play) and App Store (iOS) are not supported in P2P DPI.

Table:1 Disabled Application Names

Disabled APP Not available in both Google Play Store and Apple App Store		
SCYDO	BLACKDIALER	RODI
PCANYWHERE	CLUBBOX	SUDAPHONE
FICALL	MONKEY3	HYVES
NATEONTALK	PATH	OIST
IAX	UPCPHONE	ORB
OFF	CLUBPENGUIN	USENET
NETMOTION	MIG33	FEIDIAN
MAPI	FRIENDSTER	APPLEJUICE
POCO	GOOBER	UUSEE

Customer Impact: The Applications that are listed in [Table 1](#) will not be detected as part of P2P DPI.

Enhanced Protocols and Applications Support

None in this Release

Related Documentation

For more information pertaining to changes in this release, refer to the *ADC Administration Guide*, *Command Line Interface Reference*, and *Statistics and Counters Reference* at <http://www.cisco.com/c/en/us/support/wireless/asr-5000-series/products-installation-and-configuration-guides-list.html>.

NOTE: The changes identified in this release may not be available in the latest version of the *ADC Administration Guide*, *Command Line Interface Reference*, and *Statistics and Counters Reference* at the time of the ADC Plugin release.

Installation and Upgrade Notes

This Release Note does not contain installation and upgrade instructions. Refer to the existing installation documentation for specific installation and upgrade considerations.

Open and Resolved Bugs

Bugs Open in this Release

CDETS ID	CDETS Headline
CSCvv41610	ADC plugin not recognizing Deezer correctly.
CSCvu93282	Telegram traffic is not detected in P2p Plugin version 2.52.1259.

Bugs Resolved in this Release

The table below highlights the known bugs that are resolved in this specific release. For a summary of all resolved issues in earlier releases, see the *Previously Resolved Issues* section. Additional information for all bugs resolved in this release is available in the [Cisco Bug Search Tool](#).

CDETS ID	CDETS Headline
CSCvv88864	Performance Improvement in SSL parse framework
CSCvw15628	Memory increase in sessmgr on enabling QUIC IETF feature.

Operator Notes

ADC Plugin Version Numbering System

This section explains the version-numbering scheme for ADC Plugin releases running on the ASR 5x00 or Cisco Virtualized Packet Core platform. The version numbering is different for the ADC Plugin release as this release is independent of StarOS software releases.

The fields of the version number as reflected in the ADC Plugin are in the form of INTERFACE.MAJOR.BUILD (e.g., 1.140.514).

- The INTERFACE number indicates the identifier between ASR5x00 and Plugin. This number indicates backward compatibility and only increments when a change will introduce a compatibility issue. This field may increment by '1' when necessary.
- The MAJOR version number indicates a contiguous sequential number that represents incremental changes between releases. This number increments by '1' for each plugin release.
- The BUILD version number indicates the build number that increments with each new build. This is a unique, sequential number across all ADC builds.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation*, at: <http://www.cisco.com/c/en/us/td/docs/general/whatsnew/whatsnew.html>.

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