

Statistics and Counters Overview

Note The ASR 5000 hardware platform has reached end of life and is not supported in this release. Any references to the ASR 5000 (specific or implied) or its components in this document are coincidental. Full details on the ASR 5000 hardware platform end of life are available at: https://www.cisco.com/c/en/us/products/collateral/wireless/asr-5000-series/eos-eol-notice-c51-735573.html

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Introduction

This document organizes and describes various ASR5x00 non-SNMP-MIB forms of dynamic statistics that are output by CLI **show** commands.

The statistics output by **show** commands usually provide a greater degree of granularity than the bulk statistics because:

- the dynamic content is captured at the time the CLI command is entered,
- the command output represents a single element, whereas bulk statistics are often a combination of values for multiple elements,
- the command output can be fine-tuned using keywords included in the **show** command when it is entered.

The types of output statistics are governed by the CLI **show** commands that generate their display. For example, **show power all cards** displays the current power status for each card in every slot of the chassis.

Some of the **show** command outputs display configuration information for reference purposes. For example, **show gs-service full name** <*service_name*> displays the configuration for the named Gs service.

Important In Release 21.1 and forward, use the **do show** command to run all Exec Mode **show** commands while in Global Configuration Mode. It is not necessary to exit the Config mode to run a **show** command. The pipe character **|** is only available if the command is valid in the Exec mode.

Counter Definitions and Disconnect Reasons

In this release, the counters and descriptions are delivered with the companion package in the ASR 5x00 software build. The companion package includes files named **BulkstatStatistics_documentation**.

The companion package includes two formats for the customers to use.

- The .xls file is an easily readable Excel file that can be used to sort and filter the counter information based on schema or other factors.

The .csv file is machine-readable and includes the same data as the .xls file.