

Avaya Command Line Interface Commands Reference

Introduction

This guide describes the Avaya Command Line Interface (ACLI) commands for the configuration of various features in Avaya ERS3500 for the 5.1 release.

This document provides two different ways of navigating ACLI command documentation.

- **[alphabetically](#)** Each command is listed corresponding to the first letter of the command.
- **[command mode](#)** Each command mode page has a list of commands that are available in that mode. Each page is organized alphabetically for those commands in that mode.

Use the 'find-in-page' function of the browser to search for a command based on the page you are viewing. Most browsers launch 'find' using CTRL+F.

Notice

While reasonable efforts have been made to ensure that the information in this document is complete and accurate at the time of printing, Avaya assumes no liability for any errors. Avaya reserves the right to make changes and corrections to the information in this document without the obligation to notify any person or organization of such changes.

Documentation disclaimer

Avaya shall not be responsible for any modifications, additions, or deletions to the original published version of this documentation unless such modifications, additions, or deletions were performed by Avaya. End User agrees to indemnify and hold harmless Avaya, Avaya's agents, servants and employees against all claims, lawsuits, demands and judgments arising out of, or in connection with, subsequent modifications, additions or deletions to this documentation, to the extent made by End User.

Link disclaimer

Avaya is not responsible for the contents or reliability of any linked Web sites referenced within this site or documentation(s) provided by Avaya. Avaya is not responsible for the accuracy of any information, statement or content provided on these sites and does not necessarily endorse the products, services, or information described or offered within them. Avaya does not guarantee that these links will work all the time and has no control over the availability of the linked pages.

Warranty

Avaya provides a limited warranty on this product. Refer to your sales agreement to establish the terms of the limited warranty. In addition, Avaya's standard warranty language, as well as information regarding support for this product, while under warranty, is available to Avaya customers and other parties through the Avaya Support Web site: <http://www.avaya.com/support>. Please note that if you acquired the product from an authorized Avaya reseller outside of the United States and Canada, the warranty is provided to you by said Avaya reseller and not by Avaya.

License types

THE SOFTWARE LICENSE TERMS AVAILABLE ON THE AVAYA WEBSITE, [HTTP://SUPPORT.AVAYA.COM/LICENSEINFO/](http://support.avaya.com/licenseinfo/) ARE APPLICABLE TO ANYONE WHO DOWNLOADS, USES AND/OR INSTALLS AVAYA SOFTWARE, PURCHASED FROM AVAYA INC., ANY AVAYA AFFILIATE, OR AN AUTHORIZED AVAYA RESELLER (AS APPLICABLE) UNDER A COMMERCIAL AGREEMENT WITH AVAYA OR AN AUTHORIZED AVAYA RESELLER. UNLESS OTHERWISE AGREED TO BY AVAYA IN WRITING, AVAYA DOES NOT EXTEND THIS LICENSE IF THE SOFTWARE WAS OBTAINED FROM ANYONE OTHER THAN AVAYA, AN AVAYA AFFILIATE OR AN AVAYA AUTHORIZED RESELLER, AND AVAYA RESERVES THE RIGHT TO TAKE LEGAL ACTION AGAINST YOU AND ANYONE ELSE USING OR SELLING THE SOFTWARE WITHOUT A LICENSE. BY INSTALLING, DOWNLOADING OR USING THE SOFTWARE, OR AUTHORIZING OTHERS TO DO SO, YOU, ON BEHALF OF YOURSELF AND THE ENTITY FOR WHOM YOU ARE INSTALLING, DOWNLOADING OR USING THE SOFTWARE (HEREINAFTER REFERRED TO INTERCHANGEABLY AS "YOU" AND "END USER"), AGREE TO THESE TERMS AND CONDITIONS AND CREATE A BINDING CONTRACT BETWEEN YOU AND AVAYA INC. OR THE APPLICABLE AVAYA AFFILIATE ("AVAYA").

Copyright

Except where expressly stated otherwise, no use should be made of materials on this site, the Documentation(s) and Product(s) provided by Avaya. All content on this site, the documentation(s) and the product(s) provided by Avaya including the selection, arrangement and design of the content is owned either by Avaya or its licensors and is protected by copyright and other intellectual property laws including the sui generis rights relating to the protection of databases. You may not modify, copy, reproduce, republish, upload, post, transmit or distribute in any way any content, in whole or in part, including any code and software. Unauthorized reproduction, transmission, dissemination, storage, and or use without the express written consent of Avaya can be a criminal, as well as a civil, offense under the applicable law.

Third-party components

Certain software programs or portions thereof included in the Product may contain software distributed under third party agreements ("Third Party Components"), which may contain terms that expand or limit rights to use certain portions of the Product ("Third Party Terms"). Information regarding distributed Linux OS source code (for those Products that have distributed the Linux OS source code), and identifying the copyright holders of the Third Party Components and the Third Party Terms that apply to them is available on the Avaya Support Web site: avaya.com/support/Copyright/.

Trademarks

The trademarks, logos and service marks ("Marks") displayed in this site, the documentation(s) and product(s) provided by Avaya are the registered or unregistered Marks of Avaya, its affiliates, or other third parties. Users are not permitted to use such Marks without prior written consent from Avaya or such third party which may own the Mark. Nothing contained in this site, the documentation(s) and product(s) should be construed as granting, by implication, estoppel, or otherwise, any license or right in and to the Marks without the express written permission of Avaya or the applicable third party.

Avaya is a registered trademark of Avaya Inc.

All other trademarks are the property of their respective owners.

Technical support

Avaya provides a telephone number for you to use to report problems or to ask questions about your product. The support telephone number is 1-800-242-2121 in the United States. For additional support telephone numbers, see the Avaya Web site: avaya.com/support.

If you purchased a service contract for your Avaya product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller for assistance.

Documentation support

For the most current versions of documentation, see the Avaya Support Web site: avaya.com/support.

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
[Avaya.com/support](http://avaya.com/support)**

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Alphabetized list of commands

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

A

- [adac call-server-port](#)
- [adac enable](#)
- [adac mac-range-table low-end](#)
- [adac op-mode tagged-frames](#)
- [adac port](#)
- [adac tagged-frames-pvid](#)
- [adac tagged-frames-tagging](#)
- [adac traps enable](#)
- [adac uplink-port](#)
- [adac voice-vlan](#)
- [arp](#)
- [asset-id](#)
- [auto-negotiation-advertisements](#)
- [auto-pvid](#)
- [autosave enable](#)
- [autotopology](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

B

- [banner](#)
- [blink-leds](#)
- [boot](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

C

- [clear arp-cache](#)
- [clear ip-blocking](#)
- [clear ip forward-protocol](#)
- [clear license](#)
- [clear logging](#)
- [clear mac-address-table](#)
- [clear stack port-statistics](#)
- [clear-stats](#)
- [clear system last-exception](#)
- [cli password](#)
- [cli password serial](#)

- [cli password stack](#)
- [cli password switch serial](#)
- [cli password telnet](#)
- [clock summer-time](#)
- [clock time-zone](#)
- [configure network](#)
- [configure terminal](#)
- [copy config](#)
- [copy running-config](#)
- [copy tftp](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

D

- [default](#)
- [default http-port](#)
- [disable](#)
- [download address](#)
- [download diag](#)
- [download image](#)
- [download no-reset](#)
- [duplex](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

E

- [eapol](#)
- [eapol guest-vlan](#)
- [eapol-multihost](#)
- [edm help-file-path](#)
- [enable](#)
- [end](#)
- [exit](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

F

- [flowcontrol](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

H

- [help commands](#)
- [http-port](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

I

- [install](#)
- [interface FastEthernet](#)
- [interface vlan](#)
- [ip address](#)
- [ip arp](#)

- [**ip arp-inspection**](#)
- [**ip arp-inspection**](#)
- [**ip blocking mode**](#)
- [**ip bootp**](#)
- [**ip default-gateway**](#)
- [**ip dhcp client lease**](#)
- [**ip dhcp-relay**](#)
- [**ip dhcp-relay fwd-path**](#)
- [**ip dhcp-relay max-frame**](#)
- [**ip dhcp-relay option82**](#)
- [**ip dhcp-server**](#)
- [**ip dhcp-server lease**](#)
- [**ip dhcp-server option-3**](#)
- [**ip dhcp-server option-6**](#)
- [**ip dhcp-server pool**](#)
- [**ip dhcp-snooping**](#)
- [**ip dhcp-snooping**](#)
- [**ip dhcp-snooping vlan**](#)
- [**ip directed-broadcast**](#)
- [**ip domain-name**](#)
- [**ip forward-protocol**](#)
- [**ip igmp flush vlan**](#)
- [**ip mgmt**](#)
- [**ipmgr snmp**](#)
- [**ipmgr source-ip**](#)
- [**ipmgr telnet**](#)
- [**ipmgr web**](#)
- [**ip name-server**](#)
- [**ip route**](#)
- [**ip routing**](#)
- [**ipv6 address**](#)
- [**ipv6 default-gateway**](#)
- [**ipv6 enable**](#)
- [**ipv6 neighbor**](#)
- [**ip verfiy**](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

L

- [**lACP aggregation**](#)
- [**lACP clear-stats**](#)
- [**lACP key**](#)
- [**lACP mode**](#)
- [**lACP priority**](#)
- [**lACP system-priority**](#)
- [**lACP timeout-time**](#)
- [**lldp config-notification**](#)
- [**lldp location-identification civic-address**](#)
- [**lldp location-identification coordinate-base**](#)
- [**lldp location-identification ecs-elin**](#)
- [**lldp location-identification port**](#)
- [**lldp med-fast-start \(Global\)**](#)
- [**lldp med-fast-start \(port\)**](#)
- [**lldp notification-interval \(Global\)**](#)

- [lldp notification-interval \(port\)](#)
- [lldp port](#)
- [lldp reinit-delay \(Global\)](#)
- [lldp reinit-delay \(port\)](#)
- [lldp status](#)
- [lldp tx-delay \(Global\)](#)
- [lldp tx-delay \(port\)](#)
- [lldp tx-hold-multiplier \(Global\)](#)
- [lldp tx-hold-multiplier \(port\)](#)
- [lldp tx-interval \(Global\)](#)
- [lldp tx-interval \(port\)](#)
- [lldp-tx-tlv](#)
- [lldp vendor-specific avaya](#)
- [lldp vendor-specific avaya call-server](#)
- [lldp vendor-specific avaya file-server](#)
- [lldp vendor-specific avaya poe-conservation-request-level](#)
- [logging](#)
- [logging level](#)
- [logging nv-level](#)
- [logging remote address](#)
- [logging remote facility](#)
- [logging remote level](#)
- [logging remote secondary-address](#)
- [logging volatile](#)
- [logout](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

M

- [mac-address-table aging-time](#)
- [mac-security](#)
- [mac-security auto-learning](#)
- [mac-security auto-learning sticky](#)
- [mac-security filtering](#)
- [mac-security intrusion-detect](#)
- [mac-security intrusion-timer](#)
- [mac-security learning](#)
- [mac-security learning-ports](#)
- [mac-security mac-address-table](#)
- [mac-security mac-da-filter add](#)
- [mac-security security-list](#)
- [mac-security snmp-lock](#)
- [mac-security snmp-trap](#)
- [mlt](#)
- [mlt spanning-tree](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

N

- [name](#)
- [name port](#)
- [no adac \(for a port\)](#)
- [no adac \(Global\)](#)
- [no auto-negotiation-advertisements](#)

- [no auto-pvid](#)
- [no autosave](#)
- [no autotopology](#)
- [no banner](#)
- [no clock](#)
- [no eapol \(for a port\)](#)
- [no eapol \(Global\)](#)
- [no flowcontrol](#)
- [no ip \(for a port\)](#)
- [no ip \(Global\)](#)
- [no ipmgr](#)
- [no ipv6](#)
- [no lacp](#)
- [no lldp](#)
- [no logging](#)
- [no mac-security \(for a port\)](#)
- [no mac-security \(Global\)](#)
- [no mlt](#)
- [no name](#)
- [no password](#)
- [no poe-shutdown](#)
- [no poe-trap](#)
- [no port-mirroring](#)
- [no qos \(for a port\)](#)
- [no qos \(Global\)](#)
- [no radius](#)
- [no radius-server](#)
- [no rate-limit](#)
- [no rmon](#)
- [no shutdown](#)
- [no slamon](#)
- [no snmp](#)
- [no snmp-server](#)
- [no sntp](#)
- [no spanning-tree \(for a port\)](#)
- [no spanning-tree \(Global\)](#)
- [no stack](#)
- [no stack-monitor](#)
- [no storm-control](#)
- [no tacacs](#)
- [no telnet-access](#)
- [no tftp-server](#)
- [no vlacp \(for a port\)](#)
- [no vlacp \(Global\)](#)
- [no vlan](#)
- [no web-server](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

P

- [password security](#)
- [ping](#)
- [port-mirroring mode](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

Q

- [qos acl-assign](#)
- [qos acl-assign port](#)
- [qos action](#)
- [qos agent](#)
- [qos agent aq-mode](#)
- [qos agent nvram-delay](#)
- [qos agent reset-default](#)
- [qos agent statistics-tracking](#)
- [qos classifier](#)
- [qos classifier-block](#)
- [qos clear-stats](#)
- [qos egressmap](#)
- [qos if-action-extension](#)
- [qos if-assign name](#)
- [qos if-assign port](#)
- [qos if-group name](#)
- [qos if-shaper](#)
- [qos ingressmap](#)
- [qos ip-acl](#)
- [qos ip-element](#)
- [qos l2-acl](#)
- [qos l2-element](#)
- [qos meter](#)
- [qos policy](#)
- [qos queue-set-assignment](#)
- [qos system-element](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

R

- [radius accounting interim-updates](#)
- [radius dynamic-server client](#)
- [radius reachability](#)
- [radius server host](#)
- [radius-server host](#)
- [radius-server key](#)
- [radius-server password](#)
- [radius-server port](#)
- [radius-server secondary-host](#)
- [radius-server timeout](#)
- [radius use-management-ip](#)
- [rate-limit both](#)
- [rate-limit broadcast](#)
- [rate-limit multicast](#)
- [rate-limit unit](#)
- [rear-ports mode](#)
- [reload](#)
- [renew](#)
- [renumber unit](#)
- [restore](#)

[rmon alarm](#)

- [rmon event](#)
- [rmon history](#)
- [rmon stats](#)
- [run ipoffice](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

S

- [save config](#)
- [show adac detection](#)
- [show adac interface](#)
- [show adac mac-range-table](#)
- [show arp](#)
- [show arp-table](#)
- [show auto-negotiation-advertisements](#)
- [show auto-negotiation-capabilities](#)
- [show auto-pvid](#)
- [show autosave](#)
- [show autotopology](#)
- [show banner](#)
- [show cli](#)
- [show clock](#)
- [show config-network](#)
- [show cpu-utilization](#)
- [show eapol](#)
- [show eapol auth-diags](#)
- [show eapol auth-stats](#)
- [show eapol guest-vlan](#)
- [show eapol multihost](#)
- [show eapol port](#)
- [show edm help-file-path](#)
- [show environmental](#)
- [show http-port](#)
- [show interfaces](#)
- [show ip](#)
- [show ip address](#)
- [show ip-blocking](#)
- [show ip bootp](#)
- [show ip default-gateway](#)
- [show ip igmp cache](#)
- [show ip igmp group](#)
- [show ip igmp group-ext](#)
- [show ip igmp interface](#)
- [show ip igmp router-alert](#)
- [show ip igmp snooping](#)
- [show ip mgmt route](#)
- [show ipmgr](#)
- [show ipv6](#)
- [show ipv6 address](#)
- [show lacp aggr](#)
- [show lacp debug](#)
- [show lacp port](#)
- [show lacp system](#)

- [**show license**](#)
- [**show lldp**](#)
- [**show logging**](#)
- [**show mac-address-table**](#)
- [**show mac-security config**](#)
- [**show memory-utilization**](#)
- [**show mlt**](#)
- [**show password security**](#)
- [**show poe-main-status**](#)
- [**show poe-port-status**](#)
- [**show poe-power-measurement**](#)
- [**show port-mirroring**](#)
- [**show port-statistics**](#)
- [**show qos**](#)
- [**show qos acl-assign**](#)
- [**show qos action**](#)
- [**show qos agent**](#)
- [**show qos capability**](#)
- [**show qos classifier**](#)
- [**show qos classifier-block**](#)
- [**show qos diag**](#)
- [**show qos egressmap**](#)
- [**show qos if-action-extension**](#)
- [**show qos if-assign**](#)
- [**show qos if-group**](#)
- [**show qos if-shaper**](#)
- [**show qos if-shaper**](#)
- [**show qos ingressmap**](#)
- [**show qos ip-acl**](#)
- [**show qos ip-element**](#)
- [**show qos l2-acl**](#)
- [**show qos l2-element**](#)
- [**show qos meter**](#)
- [**show qos policy**](#)
- [**show qos port**](#)
- [**show qos queue-set**](#)
- [**show qos queue-set-assignment**](#)
- [**show qos statistics**](#)
- [**show qos system-element**](#)
- [**show radius accounting**](#)
- [**show radius dynamic-server**](#)
- [**show radius reachability**](#)
- [**show radius-server**](#)
- [**show radius use-management-ip**](#)
- [**show rate-limit**](#)
- [**show rear-ports**](#)
- [**show rmon alarm**](#)
- [**show rmon ethernet history**](#)
- [**show rmon ethernet packets**](#)
- [**show rmon ethernet statistics**](#)
- [**show rmon event**](#)
- [**show rmon history**](#)
- [**show rmon stats**](#)
- [**show running-config**](#)

- [show snmp-server](#)
- [show snmp](#)
- [show spanning-tree](#)
- [show ssh](#)
- [show sshc](#)
- [show stack](#)
- [show stack-info](#)
- [show stack-monitor](#)
- [show storm-control](#)
- [show sys-info](#)
- [show system](#)
- [show tacacs](#)
- [show tech](#)
- [show telnet](#)
- [show telnet-access](#)
- [show terminal](#)
- [show tftp-server](#)
- [show vlacp](#)
- [show vlan](#)
- [show web-server](#)
- [shutdown \(Global\)](#)
- [shutdown \(port\)](#)
- [slamon agent](#)
- [slamon cli](#)
- [slamon cli-timeout-mode](#)
- [slamon oper-mode](#)
- [slamon server ip address](#)
- [snmp](#)
- [snmp authentication-trap](#)
- [snmp bootstrap](#)
- [snmp community](#)
- [snmp contact](#)
- [snmp host](#)
- [snmp location](#)
- [snmp name](#)
- [snmp trap](#)
- [snmp view](#)
- [sntp enable](#)
- [sntp server](#)
- [sntp sync-interval](#)
- [sntp sync-now](#)
- [spanning-tree 802dot1d-port-compliance](#)
- [spanning-tree bpdu-filtering](#)
- [spanning-tree cost](#)
- [spanning-tree cost-calc-mode](#)
- [spanning-tree forward-time](#)
- [spanning-tree hello-time](#)
- [spanning-tree learning](#)
- [spanning-tree max-age](#)
- [spanning-tree mode](#)
- [spanning-tree port](#)
- [spanning-tree port-mode](#)
- [spanning-tree priority \(Global\)](#)
- [spanning-tree priority \(port\)](#)

- [speed](#)
- [speed port](#)
- [sshc](#)
- [stack auto-unit-replacement](#)
- [stack auto-unit-replacement-image](#)
- [stack forced-mode](#)
- [stack-monitor](#)
- [storm-control all](#)
- [storm-control broadcast](#)
- [storm-control multicast](#)
- [storm-control unicast](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

T

- [tacacs accounting](#)
- [tacacs authorization](#)
- [tacacs server](#)
- [tacacs server secondary-host](#)
- [tacacs switch](#)
- [telnet](#)
- [telnet-access](#)
- [terminal](#)
- [tftp-server](#)
- [traceroute](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

U

- [username](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

V

- [vlacp \(Global\)](#)
- [vlacp \(port\)](#)
- [vlan configcontrol](#)
- [vlan create](#)
- [vlan delete](#)
- [vlan igmp](#)
- [vlan igmp unknown-mcast-allow-flood](#)
- [vlan igmp unknown-mcast-no-flood](#)
- [vlan members](#)
- [vlan mgmt](#)
- [vlan name](#)
- [vlan ports](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

W

- [web-server](#)
- [write memory](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [F](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Command mode index

The following command modes are available. Select the command mode to see a list of commands available in that mode.

- [FastEthernet Interface configuration mode](#)
- [FastEthernet or GigabitEthernet Interface configuration mode](#)
- [Global Configuration Mode](#)
- [Global configuration mode](#)
- [Interface Configuration Mode](#)
- [Interface configuration mode](#)
- [Privileged EXEC Mode](#)
- [User EXEC mode](#)

[Back to top](#)

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac call-server-port

Set call server port(s) range

Syntax

- `<port-number>`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|--------------------------------------|
| <code><callserver-port-number></code> | Set call server port(s) range |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac enable

Enable adac

Syntax

- `<call-server-port > < op-mode> <uplink-port> <voice-vlan >`

Default

The default value is disabled.

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|--------------------|
| enable | Enable ADAC |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac mac-range-table low-end

Add the low end of the MAC address range to adac settings

Syntax

- <H.H.H>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac op-mode tagged-frames

ADAC operation mode is set and the IP phones send tagged frames

Syntax

- `<call-server-port > < op-mode> <uplink-port> <voice-vlan >`

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac port

Port number(s) for which to change settings

Syntax

- `adac port [LINE] enable`

Default

None

Command mode

FastEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|--------------------------------|---|
| <code><port-list></code> | List of ports for changing adac settings |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac tagged-frames-pvid

Set the PVID to be configured for telephony ports in Tagged Frames operating mode

Syntax

Default

None

Command mode

FastEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|-----------|---------------------------------------|
| enable | Enable auto-detection on ports |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac tagged-frames-tagging

Set the tagging to be configured for telephony ports in Tagged Frames operating mode

Syntax

Default

None

Command mode

FastEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|-----------|---------------------------------|
| enable | Enable tagging of frames |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac traps enable

Syntax

-

Default

None

Command mode

FastEthernet interface configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac uplink-port

Set uplink port(s) range

Syntax

- `adac uplink-port <port-list> [call-server-port] <port-list>`

Default

None

Command mode

Interface configuration mode

Command parameters

| Parameter | Description |
|--|---------------------------------------|
| <code><port-number></code> | Uplink port(s) range |
| <code><port-number> call-server-port <callserver-port-number></code> | Sets call server port(s) range |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

adac voice-vlan

Set Voice-VLAN

Syntax

- `adac voice-vlan <1-4094>`

Default

None

Command mode

Interface configuration mode

Command parameters

| Parameter | Description |
|--|--|
| <code><vlan-id></code> | Voice-VLAN ID |
| <code><vlan-id> call-server-port <callserver-port-number></code> | Sets the call server port range for the specified vlan id |
| <code><vlan-id> uplink-port <port-number></code> | Sets the uplink port range for the specified vlan id |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

arp

Configure a static ARP entry

Syntax

- arp [`<A.B.C.D>` `<H.H.H>` `<WORD>` `<id>` `<1-4094>` | timeout `<5-360>`]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|--|
| <code><ip-address ></code> H.H.H (or <code>xx:xx:xx:xx:xx:xx</code> or <code>xx-xx-xx-xx-xx-xx</code>) | IP addr of ARP entry |
| timeout <code><5-360></code> | time limit for the ARP entry to exist |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

asset-id

Configure the Asset-ID

Syntax

- `asset-id [stack <WORD> | unit <1-8> <WORD> | <WORD>]`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|------------------------------------|---|
| <code>stack WORD</code> | Specifies the Asset-ID for the Stack |
| <code>unit <1-8> WORD</code> | Asset-ID of this unit |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

auto-negotiation-advertisements

Configure auto-negotiation advertisement settings

Syntax

- auto-negotiation-advertisements [<10-full> <10-half> < 100-full> <100-half> <1000-full> <asym-pause-frame> < pause-frame>]

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

auto-pvid

Enable Auto-PVID (for all ports).

Syntax

- auto-pvid

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

autosave enable

Enable autosave

Syntax

- `autosave enable`

Default

The default value is disabled.

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

autotopology

Enable the autotopology protocol

Syntax

- autotopology

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

banner

Set custom banner info

Syntax

- banner [<1-19> <LINE> | custom | disabled | static]

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

blink-leds

Blink the LEDs on the display panel to identify the unit

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-------------|---|
| off | Stop blinking the LEDs |
| time <1-10> | Time duration (in minutes) for the LEDs to blink |
| unit <1-8> | |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

boot

Reset the switch/stack

Syntax

- `boot [default unit <1-8> | unit <1-8>]`

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------|---|
| default | Reboot the stack/switch and use the factory default configurations |
| unit <1-8> | Specifies the unit number to be rebooted on the switch/stack |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear arp-cache

Clear the Layer 3 ARP cache

Syntax

- clear arp-cache

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear ip-blocking

Clear the Layer 3 IP blocking state

Syntax

- clear ip-blocking

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear ip forward-protocol

Clear broadcast protocols counters

Syntax

- clear ip forward-protocol udp counters <LINE>

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------------------|---|
| udp counters <vlan-id> | Clear counters for specific VLAN |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear license

Clear licenses

Syntax

-

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear logging

Clear log messages (with no parameters, from DRAM only)

Syntax

- clear logging [non-volatile <critical> <serious>|nv|volatile <critical> <informational> <serious>]

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear mac-address-table

Flush addresses from Mac Address Table

Syntax

- clear mac-address-table [address <H.H.H> | interface <FastEthernet LINE> | mlt <1-6> | vlan <1-4094>]

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--|---|
| address H.H.H (or xx:xx:xx:xx:xx:xx, or xx-xx-xx-xx-xx-xx) | Address to be flushed out (i.e. H.H.H or xx.xx.xx.xx.xx.xx or xx-xx-xx-xx-xx-xx or xx:xx:xx:xx:xx:xx) from the mac-address-table |
| interface FastEthernet LINE | List of ports to be flushed out from the MAC address table |
| interface mlt <1-6> | Specific trunk for the MAC address to be flushed out |
| interface vlan <vlan-id> | Vlan to be flushed out from the MAC address table |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear stack port-statistics

Clear stack port counters

Syntax

- `clear stack port-statistics`

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-------------------------------|---------------------------------------|
| <code>unit <1-8></code> | Clears the stack port counters |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear-stats

Clears the port counter

Syntax

- `clear-stats port <LINE>`

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-------------------------------------|---|
| <code>port <port-list></code> | Selects a port to clear the port counter |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clear system last-exception

Clear last software exception information.

Syntax

- `clear system last-exception`

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-------------------------------|---|
| <code>unit <1-8></code> | Clears the last software exception information |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

cli password

Modify cli passwords

Syntax

- cli password [<read-only> <read-write>]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------------------------|-----------------------------------|
| read-only <password-name> password | Modify read-only password |
| read-write <password-name> password | Modify read-write password |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

cli password serial

Enable/disable serial port password.

Syntax

- cli password serial [local|none|radius|tacacs]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|--|
| local | Use local password. |
| none | Disable password. |
| radius | Use RADIUS password authentication. |
| tacacs | Use TACACS+ AAA services |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

cli password stack

Modify stack passwords

Syntax

- cli password stack [local|none|radius|tacacs]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------------------------|-----------------------------------|
| read-only <password-name> password | Modify read-only password |
| read-write <password-name> password | Modify read-write password |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

cli password switch serial

Enable/disable serial port password.

Syntax

- `cli password switch [local|none|radius|tacacs]`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

cli password telnet

Enable/disable telnet and web password.

Syntax

- cli password telnet [local|none|radius|tacacs]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|--|
| local | Use local password. |
| none | Disable password. |
| radius | Use RADIUS password authentication. |
| tacacs | Use TACACS+ AAA services |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clock summer-time

Configure the system to automatically switch to summer time (daylight saving time)

Syntax

- clock summer-time [recurring <1-5> <DAY> <MONTH> <hh:mm> | <WORD> date <1-31> <MONTH> <1990-2099> <hh:mm> <1-31> <MONTH>]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|--|
| <timezone acronym> date <1-31> <month-name> <1999-2099> hh:mm <1-31> <month-name> <1999-2099> hh:mm | Indicates the start of summer time on the first specific date, month and time listed in the command and end the second specific date in the command |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

clock time-zone

Set local time zone

Syntax

- clock time-zone [WORD <-12 - 13> <0-59>]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|---|
| <timezone acronym> <-12 - 13> <0-59> | Sets the time zone acronym containing at most 4 chars; Setting the hour and minute difference from the UTC |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference

Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

configure network

Configure from a TFTP network host

Syntax

- `configure network [address <A.B.C.D> filename <WORD> | <WORD> filename <WORD>] [filename <WORD> address <A.B.C.D> | <WORD>]`

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|---|--|
| <code>address <ipv4 or ipv6> filename <filename></code> | Specifies the IPv4 or IPv6 address of TFTP server |
| <code>load-on-boot disable</code> | Disable loading of config file at boot time |
| <code>load-on-boot use-bootp</code> | Load config file at boot time using BOOTP |
| <code>load-on-boot use-config address <ipv4 or ipv6> filename <filename></code> | Load config file at boot time using configured parameters |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

configure terminal

Configure from the terminal

Syntax

- `configure terminal`

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

copy config

Copy from current configuration

Syntax

- copy config [nvram|sftp|tftp]

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------------------------|---|
| nvram | Copy to local NV storage |
| tftp address <ipv4 or ipv6> | Specify the IP or IPv6 address to be copied on the TFTP server |
| filename <filename> | |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

copy running-config

Copy from current configuration as a series of CLI commands

Syntax

- `copy running-config [sftp <address>|<filename>|<module>|<verbose>] [tftp <address>|<filename>|<module>|<verbose>]`

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|---|--|
| tftp address <ipv4 or ipv6> filename <filename> | Specify address of the TFTP server to copy from current configuration as a series of CLI commands |
| tftp module <config module name> | Copy configuration of an application |
| tftp verbose address <ipv4 or ipv6> filename <filename> | Specify address of the TFTP server to copy entire configuration (defaults and non-defaults) |
| tftp verbose module <config module name> | Copy configuration of an application |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

copy tftp

Copy configuration from TFTP server

Syntax

- `copy tftp config [address <A.B.C.D>|<WORD>]`

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|---|--|
| <code>config <ipv4 or ipv6> filename <filename></code> | Specify address of the TFTP server to copy to local configuration |
| <code>license <ipv4 or ipv6> filename <filename></code> | |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

default

Set a command to its defaults

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

default http-port

Restore to default the TCP port on which web server will listen

Syntax

- default http-port

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

disable

Turn off privileged commands

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

download address

Specify IP address of TFTP server

Syntax

- download address [`<A.B.C.D>` | `<WORD>`]

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--|--|
| <code><ipv4 or ipv6></code> | Specify IP address of TFTP server |
| <code><ipv4 or ipv6> diag <filename></code> | Specifies the diagnostics image file name to be downloaded |
| <code><ipv4 or ipv6> image <filename></code> | Specifies the software image to be downloaded |
| <code><ipv4 or ipv6> image-if- newer <filename></code> | The image name to be donloaded if it is newer version of the software image |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

download diag

Specify diagnostics image file name

Syntax

- `download diag [<WORD> no-reset]`

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--|---|
| <code><filename></code> | Specifies the diagnostics image file name to be downloaded |
| <code><filename> no-reset</code> | Does not reset the switch after downloading the specified image file |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
© Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

download image

Specify software image

Syntax

- download image [<WORD> no-reset]

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

download no-reset

Do not reset the switch after downloading

Syntax

- `download no-reset`

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

duplex

Configure duplex mode of a port

Syntax

- `duplex[auto|full|half|port <port-list>]`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

eapol

Enable/disable EAPOL protocol.

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

eapol guest-vlan

Set guest-vlan

Syntax

- eapol guest-vlan [enable <vid> <1-4094>|global]

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--------------------|--------------------------------------|
| <enable disable> | Enable/Disable the guest-vlan |
| vid <1-4094> | Specifies the guest VLAN ID |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

eapol-multihost

Set EAPOL multihost settings of port

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|----------------------------------|---|
| allow-non-eap-enable | Control of non-EAP clients (MAC addresses) |
| auto-non-eap-mhsa-enable | Allow auto-auth of non-EAP clients |
| eap-packet-mode multicast | Send initial EAP requests multicast |
| eap-packet-mode unicast | Send initial EAP requests unicast |
| non-eap-phone-enable | Allow non-eap phone clients |
| non-eap-reauthentication-enable | |
| non-eap-use-radius-assigned-vlan | Allow the use of VLAN IDs assigned by RADIUS for non-EAP clients |
| radius-non-eap-enable | Enable RADIUS authentication of non-eap clients |
| use-most-recent-radius-vlan | Allow the use of most recent RADIUS vlan |
| use-radius-assigned-vlan | Allow the use of VLAN IDs assigned by RADIUS |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

edm help-file-path

Set the EDM help file path

Syntax

- edm help-file-path

Default

None

Command mode

User EXEC mode

Command parameters

| Parameter | Description |
|-----------|---|
| WORD | Specifies the EDM help file path |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

enable

Turn on privileged commands

Syntax

- enable

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

end

Exit from configure mode

Syntax

- end

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

exit

Exit from configure mode

Syntax

- exit

Default

None

Command mode

User EXEC mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

flowcontrol

Configure flow control mode of a port

Syntax

- `flowcontrol [asymmetric|auto|disable|port<port-list>|symmetric]`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

help commands

Show commands available

Syntax

- `help commands mode [application|config | current | exec | ifconfig | interface | privExec]`

Default

None

Command mode

User EXEC mode

Command parameters

| Parameter | Description |
|-----------------------------|---|
| <code>mode config</code> | Show commands available in Global Configuration Mode current |
| <code>mode current</code> | Show commands available in current configuration mode |
| <code>mode exec</code> | Show commands available in executive mode |
| <code>mode ifconfig</code> | Show commands available in Interface Configuration Mode |
| <code>mode interface</code> | Show commands available in Interface Configuration Modes |
| <code>mode privExec</code> | Show commands available in Privileged Executive Mode |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

http-port

Set the TCP port on which web server will listen

Syntax

- http-port <1024-65535>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--------------|---------------------------------------|
| <1024-65535> | Specifies the http port number |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

install

Quick Install & Setup Script

Syntax

- `install`

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

interface FastEthernet

FastEthernet IEEE 802.3

Syntax

- interface FastEthernet <LINE>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---------------|--|
| <port-number> | Specifies a port number for interface configuration |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

interface vlan

Layer 3 IP VLAN

Syntax

- interface vlan <vid>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------|-------------|
| <vlan-id> default | |
| <vlan-id> ip | |
| <vlan-id> ipv6 | |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip address

Set switch/stack IP address

Syntax

- ip address <A.B.C.D> | netmask <A.B.C.D> | source | stack <A.B.C.D> | switch <A.B.C.D> | unit <1-8>]

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip arp

Syntax

- ip arp <A.B.C.D> | timeout <5-360>

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip arp-inspection

Enable ARP inspection

Syntax

- ip arp-inspection vlan <1-4094>
- ip arp-inspection vlan <1-4094>

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip blocking mode

Configure the Layer 3 IP blocking mode

Syntax

- ip blocking mode [full|none]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip bootp

Config BOOTP services

Syntax

- ip bootp server [always|default-ip|disable|last]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip default-gateway

Specify default gateway (if not routing IP)

Syntax

- ip default-gateway <A.B.C.D>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp client lease

Configure DHCP lease time

Syntax

- ip dhcp client lease <10-4294967295>[days <1-49710> | hours <1-1193046> | minutes <1-71582788> | weeks <1-7101>]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-relay

Enable DHCP relay

Syntax

- ip dhcp-relay [fwd-path | max-frame | option82]

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-relay fwd-path

Configure DHCP relay forward path

Syntax

- ip dhcp-relay fwd-path <A.B.C.D>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|-------------|
| <agent-IP-addr> <dhcp-server-IP-addr> disable | |
| <agent-IP-addr> <dhcp-server-IP-addr> enable | |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-relay max-frame

Set the maximum length of DHCP packets for relay

Syntax

- ip dhcp-relay max-frame <576-1536>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|------------|---|
| <576-1536> | starting with this value option82 is not added anymore |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-relay option82

Enable option 82 for DHCP Relay

Syntax

- ip dhcp-relay option82

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-server

Configure the DHCP server settings

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-server lease

Configure global lease time

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-server option-3

Configure global list of routers

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-server option-6

Configure global list of DNS servers

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-server pool

Create/modify a DHCP server pool

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|------------------------------|
| <code><pool-name> option-6 <dns-server-ip-addresses></code> | Configure DNS servers |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-snooping

Configure DHCP snooping settings

Syntax

- ip dhcp-snooping binding <1-4094>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip dhcp-snooping vlan

Configure DHCP snooping VLANs

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------|---|
| <1-4094> | Configure DHCP snooping VLANs |
| <1-4094> option82 | Enable option 82 for DHCP snooping |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip directed-broadcast

Enabled directed broadcast forwarding

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip domain-name

Configure DNS domain name

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip forward-protocol

Configure broadcast forwarding

Syntax

- ip forward-protocol udp <1-65535>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip igmp flush vlan

Flush on vlan interfaces

Syntax

- ip igmp flush vlan <1-4094>

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|---------------------|---|
| <1-4094> grp-member | Specifies the group member to flush the VLAN interfaces |
| <1-4094> mrouter | Specifies the mrouter address to flush the VLAN interfaces |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip mgmt

Configure management information

Syntax

- ip mgmt route <A.B.C.D>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipmgr snmp

Enable IP Manager control over SNMP traffic.

Syntax

- ipmgr snmp

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipmgr source-ip

Set source IP address from which connections are allowed

Syntax

- ipmgr source-ip <1-50> <51-100>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------------|---------------------------------------|
| <1-50> <ipv4 addr/mask> | Select which address/mask pair |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipmgr telnet

Enable IP Manager control over TELNET sessions.

Syntax

- ipmgr telnet

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipmgr web

Enable IP Manager control over WEB connections.

Syntax

- ipmgr web

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip name-server

Configure DNS server IP addresses

Syntax

- `ip name-server <A.B.C.D>|<WORD>]`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip route

Create a static IP route

Syntax

- ip route <A.B.C.D>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip routing

Enable global routing

Syntax

- ip routing force

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipv6 address

Configure stack/switch/unit IPV6 address/prefix_length

Syntax

- `ipv6 address [stack <WORD> | switch <WORD> | unit <1-8> | <WORD>]`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipv6 default-gateway

Configure IPv6 default gateway

Syntax

- `ipv6 default-gateway <WORD>`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--------------------------------|---------------------------------------|
| <code><ipv6 addr></code> | Configure IPv6 default gateway |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipv6 enable

Enable IPv6 global admin status

Syntax

- `ipv6 enable icmp [block-multicast-replies|error-interval | error-quota | unreachable-msg]`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ipv6 neighbor

Configure neighbor cache

Syntax

- `ipv6 neighbor <WORD>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ip verify

Enables the IP Source Guard

Syntax

- ip verify source interface FastEthernet WORD

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lacp aggregation

Enable port aggregation mode

Syntax

- lacp aggregation port <port-list>

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lacp clear-stats

Clear LACP statistics

Syntax

- lacp clear-stats port <port-list>

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lacp key

Set key value for ports

Syntax

- lacp key <1-4095>

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-----------|--------------------------------|
| <1-4095> | Set key value for ports |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lacp mode

Set LACP port mode

Syntax

- lacp mode [active|off|passive|port <port-list>]

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lacp priority

Set port priority

Syntax

- lacp priority <0-65535> | port <port-list>

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lacp system-priority

Set LACP system priority

Syntax

- lacp system-priority <0-65535>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lacp timeout-time

Set port timeout

Syntax

- lacp timeout-time [long | port <port-list> | Short]

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Ildp config-notification

Enable notification on configuration change

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Ildp location-identification civic-address

Location Configuration Information (LCI) of thr Civic Address

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Ildp location-identification coordinate-base

Coordinate-Based Location Configuration Information (LCI)

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Ildp location-identification ecs-elin

Location Configuration Information (LCI) on Emergency Call Service ELIN

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Ildp location-identification port

Location Configuration Information (LCI) on port list

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|--|---|
| <code><port-list> civic-address</code> | Location Configuration Information (LCI) for civic address |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp med-fast-start (Global)

MED Fast Start repeat count value

Syntax

- `lldp med-fast-start <1-10>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp med-fast-start (port)

MED Fast Start repeat count value

Syntax

- `lldp med-fast-start <1-10>`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp notification-interval (Global)

Set notification interval value

Syntax

- `lldp notification-interval <5-3600>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp notification-interval (port)

Set notification interval value

Syntax

- `lldp notification-interval <5-3600>`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp port

Displays the port list

Syntax

- lldp port

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp reinit-delay (Global)

Set reinitialize delay value

Syntax

- `lldp reinit-delay <1-10>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp reinit-delay (port)

Set reinitialize delay value

Syntax

- `lldp reinit-delay <1-10>`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp status

Set 802.1ab port(s) admin status

Syntax

- lldp status

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|-----------|--|
| txOnly | Set 802.1ab port(s) admin status to transmit only |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp tx-delay (Global)

Set transmission delay value

Syntax

- `lldp tx-delay <1-8192>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp tx-delay (port)

Set transmission delay value

Syntax

- `lldp tx-delay <1-8192>`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp tx-hold-multiplier (Global)

Set transmission multiplier value

Syntax

- `lldp tx-hold-multiplier <2-10>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp tx-hold-multiplier (port)

Set transmission multiplier value

Syntax

- `lldp tx-hold-multiplier <2-10>`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp tx-interval (Global)

Set retransmission interval value

Syntax

- `lldp tx-interval <5-32768>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp tx-interval (port)

Set retransmission interval value

Syntax

- `lldp tx-interval <5-32768>`

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp-tx-tlv

Enable TLVs for transmission

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|-----------|-------------------------------|
| sys-desc | System description TLV |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp vendor-specific avaya

Configure 802.1ab Avaya vendor-specific settings

Syntax

- `lldp vendor-specific avaya [dot1q-framing | poe-conservation-request-level]`

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|---|---------------------------------------|
| <code>dot1q-framing auto</code> | auto tagging-mode |
| <code>dot1q-framing non-tagged</code> | non-tagged tagging-mode |
| <code>dot1q-framing tagged</code> | tagged tagging-mode |
| <code>poe-conservation-request-level <0-255></code> | PoE conservation request level |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp vendor-specific avaya call-server

Configure call-server address(es)

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|--------------|-----------------------------------|
| <ip-address> | Call-server address number |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

lldp vendor-specific avaya file-server

Configure file-server address(es)

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|---------------------|-----------------------------------|
| < ip-address > | File-server address number |
| <1-4> <ip-address > | File-server IP address |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Ildp vendor-specific avaya poe-conservation-request-level

PoE conservation request level

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging

Change system event log settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging level

The severity level of events that will be logged in DRAM

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging nv-level

The severity level of events that will be saved in NV storage

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging remote address

Configure remote syslog address

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging remote facility

Configure remote logging facility

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|----------------------------|
| local0 | Set local0 facility |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging remote level

Configure remote logging level

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging remote secondary-address

Configure remote syslog address

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logging volatile

Configure options for logging to DRAM

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

logout

Exit from the EXEC and end the current session

Syntax

- logout

Default

None

Command mode

User EXEC mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-address-table aging-time

Configure MAC address table aging time

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--------------|--|
| <10-1000000> | Configure MAC address table aging time in seconds |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security

Configure MAC Address security options.

Syntax

- mac-security

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|------------------|--|
| disable enable | Disable/Enable MAC address security |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security auto-learning

Configure MAC Auto-Learning

Syntax

Default

None

Command mode

FastEthernet or GigabitEthernet Interface configuration mode

Command parameters

| Parameter | Description |
|---------------------|--|
| disable enable | Disable/enable Auto-learning on port(s) |
| ports <port-number> | Configure MAC Auto-Learning Port(s) |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security auto-learning sticky

Set mac-security sticky mode

Syntax

- `mac-security auto-learning sticky`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security filtering

Enable/disable DA filtering

Syntax

- `mac-security filtering [enable|disable]`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|------------------------------------|
| <code>disable</code> <code>enable</code> | Disable/Enable DA Filtering |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security intrusion-detect

Enable/disable partitioning on intrusion detection

Syntax

- `mac-security intrusion-detect [enable|disable|forever]`

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security intrusion-timer

Set temporary partition time for intrusion detection.

Syntax

- `mac-security intrusion-timer <0-65535>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security learning

Enable/disable MAC address learning

Syntax

- `mac-security learning [enable|disable]`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security learning-ports

Modify ports participation in MAC address learning.

Syntax

- `mac-security learning-ports [add | <LINE> | remove]`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---------------------------------------|---|
| <code><port-list></code> | Modify ports participation in MAC address learning for specified ports |
| <code>remove <port-list></code> | Remove ports |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security mac-address-table

Add addresses to MAC security address table

Syntax

- `mac-security mac-address-table [address | sticky address]`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security mac-da-filter add

Add MAC DA filtering address

Syntax

- `mac-security mac-da-filter add <H.H.H>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security security-list

Modify security list port membership.

Syntax

- `mac-security security-list <1-32>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security snmp-lock

Enable/disable SNMP lock on MAC address security parameters.

Syntax

- `mac-security snmp-lock [enable | disable]`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|--|
| <code>disable</code> <code>enable</code> | Disable/enable SNMP lock on MAC address security parameters |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mac-security snmp-trap

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|------------------|-------------|
| disable enable | |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mlt

Modify Multi-Link Trunking (MLT) configuration

Syntax

- mlt <1-6>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|------------------------|----------------------------|
| <1-6> enable disable | Disable/ Enable MLT |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

mlt spanning-tree

Set MLT spanning-tree settings

Syntax

-

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

name

Set the names of ports

Syntax

- name [<LINE>]

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-------------|-------------------------------|
| <port-name> | Set the names of ports |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

name port

Port number(s) whose names are to be changed

Syntax

- name port <port-list>

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-------------|---|
| <port-list> | Port number(s) whose names are to be changed |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no adac (for a port)

Disable/Clear ADAC port settings

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no adac (Global)

Disable/Clear ADAC settings

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no auto-negotiation-advertisements

Disable auto-negotiation advertisement

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no auto-pvid

Disable Auto-PVID (for all ports).

Syntax

- no auto-pvid

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no autosave

Clear/delete autosave settings

Syntax

- no autosave

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no autotopology

Disable the autotopology protocol

Syntax

- no autotopology

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no banner

Clear the custom banner

Syntax

- no banner

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no clock

Disable RTC related configuration

Syntax

- no clock

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no eapol (for a port)

Disable EAPOL protocol on port

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no eapol (Global)

Disable EAPOL protocol.

Syntax

- no eapol [guest-vlan | multihost]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no flowcontrol

Disable flow control of a port

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no ip (for a port)

Clear IP settings

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no ip (Global)

Clear IP settings

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no ipmgr

Disable IP Manager settings.

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no ipv6

Global IPv6 configuration subcommands

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no lacp

Remove LACP port configuration .

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no lldp

Disable 802.1ab settings

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no logging

Disable system logging

Syntax

- no logging remote [address|enable|facility|level|secondary-address]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no mac-security (for a port)

Disable MAC-based security

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no mac-security (Global)

Disable/clear MAC Address Security parameters.

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no mlt

Clear Multi-Link Trunking (MLT) configuration

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no name

Clear the names of ports

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no password

Configure password security restrictions

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no poe-shutdown

Enable power on the port

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no poe-trap

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no port-mirroring

Change port mirroring configuration

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no qos (for a port)

Modify QoS settings

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no qos (Global)

Modify QoS settings

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no radius

Disable RADIUS accounting

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no radius-server

Clear RADIUS server/port/key configuration

Syntax

- no radius-server password

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no rate-limit

Disables rate-limiting

Syntax

- no rate-limit unit <1-8>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no rmon

Remove RMON table entries

Syntax

- no rmon [alarm | event | history | stats]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no shutdown

Disable the selected interface

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no slamon

Modify SLAMon settings

Syntax

- no slamon [cli | cli-timeout mode | oper-mode]

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-----------|---------------------------------|
| oper-mode | Disable the SLAMon agent |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no snmp

Clear/delete SNMP interface parameters spanning-tree

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no snmp-server

Disable SNMP parameters

Syntax

- no snmp-server

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no sntp

Disable/clear SNTP parameters

Syntax

- no sntp

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no spanning-tree (for a port)

Change Spanning Tree configuration for specific port(s)

Syntax

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no spanning-tree (Global)

Clear/delete spanning tree configuration values

Syntax

- no spanning-tree [802dot1d-port-compliance | bpdu-filtering]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no stack

Clear stack settings

Syntax

- no stack [auto-unit-replacement | auto-unit-replacement-image | forced-mode | reboot-on-failure]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no stack-monitor

Disable stack monitoring

Syntax

- no stack-monitor enable

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no storm-control

Clear packet Storm Control settings

Syntax

- no storm-control [all | broadcast | multicast | unicast]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|--|
| all | Clear packet Storm Control settings for all traffic types |
| broadcast | Clear packet Storm Control settings for broadcast |
| multicast | Clear packet Storm Control settings for multicast |
| unicast | Clear packet Storm Control settings for unicast |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no tacacs

Clear TACACS+ server/port/key configuration

Syntax

- no tacacs server [host|key|port <port-list> |secondary-host]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no telnet-access

Disable TELNET access

Syntax

- no telnet-access source-ip

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no tftp-server

Provide TFTP service for netload requests

Syntax

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no vlacp (for a port)

Disable VLACP for a port

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no vlacp (Global)

Clear VLACP configuration

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no vlan

Delete a VLAN or VLAN parameters

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

no web-server

Modify WEB server parameters

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

password security

Enable password security restrictions

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

ping

Sends echo messages

Syntax

Default

None

Command mode

User EXEC mode

Command parameters

| Parameter | Description |
|-----------|-------------|
|-----------|-------------|

| | |
|-------------|--|
| <ipv6 addr> | |
|-------------|--|

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

port-mirroring mode

Set port mirroring mode

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|---|
| disable | Disable port mirroring |
| XrxOrXtx monitor-port <port-number> mirror-port-X <port-number> | Mirror packets received or transmitted on port X |
| Xtx monitor-port <port-number> mirror-port-X <port-number> | Mirror packets transmitted on port X |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos acl-assign

Create access-list assignment

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos acl-assign port

Specify the port(s) to apply access-list on

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|------------------------------------|
| <code><port-list> acl-type ip name <acl-name></code> | Reference an IP access-list |
| <code><port-list> acl-type l2 name <acl-name></code> | Reference a L2 access-list |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos action

Create base actions entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|---|
| <10-55000> | Specify the Action ID |
| <10-55000> action-ext | Specify the action extension id |
| <10-55000> action-ext-name <action-extension-name> | Specify the action extension name |
| <10-55000> drop-action deferred-pass | Allow actions associated with lower precedence policies to determine whether a packet should be dropped or not |
| <10-55000> name <action-name> | Specify the action label |
| <10-55000> session-id <1-4294967295> | Specify the session ID |
| <10-55000> set-drop-prec high-drop | Higher probability of being dropped when congestion is encountered |
| <10-55000> set-drop-prec low-drop | Lower probability of being dropped when congestion is encountered |
| <10-55000> update-1p <0-7> | Range of 802.1p user priority |
| <10-55000> update-1p copy-priority | |
| <10-55000> update-1p use-egress | Assign value based on DSCP-to-user priority map |
| <10-55000> update-1p use-tos-prec | Assign value based on the value of the precedence bits in the TOS field |

<10-55000> update-dscp

<0-63>

Specify the update DSCP

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos agent

Configure global QoS parameters

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos agent aq-mode

Modify the Auto QOS application traffic processing mode

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|---|
| disable | Auto QOS application traffic processing disabled on all ports |
| mixed | Auto QOS application traffic processing enabled on all ports with egress DSCP remapping |
| pure | Auto QOS application traffic processing enabled on all ports without egress DSCP remapping |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos agent nvram-delay

Modify the maximum time in seconds to write config data to non-volatile storage

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos agent reset-default

Reset the QoS to its configuration default

Syntax

Default

None

Command mode

Global Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos agent statistics-tracking

Modify the QoS default statistics tracking

Syntax

Default

None

Command mode

Global Configuration Mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos classifier

Create classifier set entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|-------------|
| <1-55000> set-id <1-55000> name <classifier-id-name> | |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos classifier-block

Create classifier block entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|--|
| <1-55000> | Specify the classifier block ID |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos clear-stats

Clear all QoS statistic counters

Syntax

Default

None

Command mode

Global Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos egressmap

Configure the DSCP to 802.1p priority and drop precedence associations

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|-------------|
|-----------|-------------|

| | |
|--------|--|
| enable | |
|--------|--|

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos if-action-extension

Create interface actions extension entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|---|
| <1-55000> | Create interface actions extension entry |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos if-assign name

Specify name of interface group

Syntax

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos if-assign port

Specify list of ports

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos if-group name

Specify name of interface group

Syntax

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos if-shaper

Configure interface shaping for port(s)

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos ingressmap

Configure the 802.1p to DSCP associations

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos ip-acl

Create IP access-list element

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos ip-element

Create IP classifier element entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------------------|--|
| <1-55000> addr-type | Specify the address type (IPv4, IPv6) classifier criteria |
| <1-55000> ds-field | Specify the DSCP classifier criteria |
| <1-55000> dst-ip | Specify the destination IP classifier criteria |
| <1-55000> dst-port-min | Specify the L4 destination port minimum value classifier criteria |
| <1-55000> flow-id | |
| <1-55000> name <element-name> | Specify name of ip-element |
| <1-55000> next-header | |
| <1-55000> session-id | Specify the session ID |
| <1-55000> src-port-min | Specify the L4 source port minimum value classifier criteria |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos l2-acl

Create L2 access-list element

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos l2-element

Create L2 classifier element entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--------------------------|--------------------------------------|
| <1-55000> priority <0-7> | Range of 802.1p user priority |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos meter

Create meter entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|--|
| <code><1-5000> comitted-rate <64-10230000 Kbps> max-burst-rate <64-4294967295 Kbps> max-burst-duration <1-4294967295 msec> in-profile-action <1-55000> out-profile-action <1-1> session-id <1-4294967295></code> | Specify the session id for out profile action with maximum burst duration |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos policy

Create policy entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|---|
| <code><1-55000> enable</code> | Specify the policy ID |
| <code><1-55000> if-group <group-name> clfr-type block clfr-id <1-55000> in-profile-action <1-55000> precedence <1-15> session-id <1-4294967295></code> | Specify the session id for in profile action to associate a classifier block to the policy |
| <code><1-55000> if-group <group-name> clfr-type block clfr-id <1-55000> in-profile-action <1-55000> precedence <1-15> track-statistics</code> | Specify to track statistics on policy |
| <code><1-55000> if-group <group-name> clfr-type block clfr-id <1-55000> in-profile-action <1-55000> precedence <1-15> track-statistics aggregate</code> | All classifiers associated with the policy will share the statistics resource |
| <code><1-55000> if-group <group-name> clfr-type block clfr-id <1-55000> in-profile-action <1-55000> precedence <1-15> track-statistics aggregate session-id <1-4294967295></code> | Specify the session ID |
| <code><1-55000> if-group <group-name> clfr-type block clfr-id <1-55000> in-profile-action <1-55000> precedence <1-15> track-statistics individual</code> | Each classifier associated with the policy will have its own statistics resource |
| <code><1-55000> if-group <group-name> clfr-type block clfr-id <1-55000> in-profile-action <1-55000> precedence <1-15> track-statistics individual session-id <1-4294967295></code> | Specify the session ID |
| <code><1-55000> if-group <group-name> clfr-type block</code> | Specify the classifier set |

```

clfr-name <classifier-name> in-profile-action <1-
55000> precedence <1-15>
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> in-profile-action <1-
55000> precedence <1-15> session-id <1-4294967295>
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> in-profile-action-name
<action-name> precedence <1-15> track-statistics
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> in-profile-action-name
<action-name> precedence <1-15> track-statistics
individual
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter <1-55000>
precedence <1-15>
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter <1-55000>
precedence <1-15> session-id <1-4294967295>
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter <1-55000>
precedence <1-15> track-statistics
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter <1-55000>
precedence <1-15> track-statistics aggregate
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter-name <meter-name>
precedence <1-15>
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter-name <meter-name>
precedence <1-15> session-id <1-4294967295>
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter-name <meter-name>
precedence <1-15> track-statistics
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> meter-name <meter-name>
precedence <1-15> track-statistics aggregate
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> precedence <1-15>
session-id <1-4294967295>
<1-55000> if-group <group-name> clfr-type block
clfr-name <classifier-name> session-id <1-
4294967295>
<1-55000> name <policy-name> if-group <group-name>
clfr-type block clfr-id <1-55000> meter <1-55000>
precedence <1-15>

```

**name or classifier block
name for in profile action**

Specify the session ID

**Specify to track statistics
on policy**

**Each classifier associated
with the policy will have
its own statistics resource**

**Specify the classifier set
name or classifier block
name for in profile action**

Specify the session ID

**Specify to track statistics
on policy**

**All classifiers associated
with the policy will share
the statistics resource**

**Specify the classifier set
name or classifier block
name for in profile action**

Specify the session ID

**Specify to track statistics
on policy**

**All classifiers associated
with the policy will share
the statistics resource**

Specify the session ID

Specify the session ID

**Specify the meter ID for
classifier set name or
classifier block name**

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type block clfr-id <1-55000> meter-name <meter-  
name> precedence <1-15>
```

Specify the meter name

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type block clfr-id <1-55000> precedence <1-15>
```

**Specify the classifier set
ID or classifier block
number with the policy
precedence**

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type block clfr-id <1-55000> session-id <1-  
4294967295>
```

**Specify the session id for
classifier set ID or
classifier block number**

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type block clfr-name <classifier-name> in-  
profile-action <1-55000> precedence <1-15>
```

**Specify the classifier
name with the policy
precedence**

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type block clfr-name <classifier-name> in-  
profile-action-name <action-name> precedence <1-15>
```

**Specify the classifier
name with the policy
precedence**

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type block clfr-name <classifier-name> meter  
<1-55000> precedence <1-15>
```

**Specify the classifier
name and meter id with
policy precedence**

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type classifier clfr-id <1-55000> meter <1-  
55000> precedence <1-15>
```

**Specify the classifier id
and meter id with policy
precedence**

```
<1-55000> name <policy-name> if-group <group-name>  
clfr-type classifier clfr-id <1-55000> session-id  
<1-4294967295>
```

Specify the session id

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos queue-set-assignment

Configure the 802.1p priority to queue

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

qos system-element

Create system classifier element entry

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|--|
| <1-55000> | Create system classifier element entry |
| <1-55000> known-mcast | Match frames containing a known multicast destination address |
| <1-55000> known-mcast pattern-data <byte-separated-by-colon> pattern-mask <byte-separated-by-colon> | Specifies the specific data pattern bit positions of interest |
| <1-55000> known-mcast pattern-format tagged pattern-data <byte-separated-by-colon> pattern-mask <byte-separated-by-colon> | Tagged pattern data/mask format |
| <1-55000> known-mcast pattern-format untagged pattern-data <byte-separated-by-colon> pattern-mask <byte-separated-by-colon> | Untagged pattern data/mask format |
| <1-55000> known-mcast session-id <1-4294967295> | Specify the session ID |
| <1-55000> pattern-data <byte-separated-by-colon> pattern-mask <byte-separated-by-colon> | Match frames with a specific data pattern |
| <1-55000> pattern-format tagged pattern-data <byte-separated-by-colon> pattern-mask <byte-separated-by-colon> | Tagged pattern data/mask format |
| <1-55000> pattern-format untagged pattern-data <byte-separated-by-colon> pattern-mask <byte-separated-by-colon> | Untagged pattern data/mask format |

<1-55000> session-id <1-4294967295>

<1-55000> unknown-mcast

<1-55000> unknown-mcast pattern-data <byte-separated-by-colon> pattern-mask <byte-separated-by-colon>

<1-55000> unknown-mcast pattern-format tagged
pattern-data <byte-separated-by-colon> pattern-mask
<byte-separated-by-colon>

<1-55000> unknown-mcast pattern-format untagged
pattern-data <byte-separated-by-colon> pattern-mask
<byte-separated-by-colon>

<1-55000> unknown-mcast session-id <1-4294967295>

<1-55000> unknown-ucast

<1-55000> unknown-ucast pattern-format tagged
pattern-data <byte-separated-by-colon> pattern-mask
<byte-separated-by-colon>

<1-55000> unknown-ucast pattern-format untagged
pattern-data <byte-separated-by-colon> pattern-mask
<byte-separated-by-colon>

<1-55000> unknown-ucast session-id <1-4294967295>

**Specify the session ID
Match frames containing
an unknown multicast
destination address
Specifies the specific data
pattern bit positions of
interest**

**Tagged pattern data/mask
format**

**Untagged pattern
data/mask format**

**Specify the session ID
Match frames containing
an unknown unicast
destination address**

**Tagged pattern data/mask
format**

**Untagged pattern
data/mask format**

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius accounting interim-updates

Modify interim-updates settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---------------------|--|
| enable | Enable RADIUS Accounting Interim-Updates |
| interval <60-3600> | Modify the timeout interval for RADIUS Accounting Interim-Updates |
| use-server-interval | Use the value given by server for the timeout interval |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius dynamic-server client

RADIUS Dynamic Authorization Client settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|---|
| <client-ip-addr> | Add new RADIUS Dynamic Authorization Client or change RADIUS Dynamic Authorization Client settings |
| <client-ip-addr> enable | Enable packet receive from this RADIUS Dynamic Authorization Client |
| <client-ip-addr> port <1024-65535> | Set server/NAS UDP port to listen for requests from this RADIUS |
| <client-ip-addr> process- change-of-auth-requests | Enable change-of-authorization requests processing |
| <client-ip-addr> process- disconnect -requests | Enable disconnect requests processing |
| <client-ip-addr> secret | Set RADIUS Dynamic Authorization Client secret |
| <client-ip-addr> secret <secret-name> | Specify the secret name |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius reachability

Configure RADIUS server reachability settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|--|
| <code>use-icmp</code> | Enable RADIUS server reachability using ICMP |
| <code>use-radius</code> | Enable RADIUS server reachability using RADIUS requests |
| <code>use-radius username <radius-request-username></code> | Set RADIUS request username |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius server host

RADIUS host settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------|------------------------------------|
| A.B.C.D | IP address of RADIUS server |
| retry <1-5> | RADIUS retry attempts |
| timeout <1-60> | RADIUS time-out period |
| used-by non-eapol | Non-EAP application |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius-server host

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius-server key

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------|---------------------------------|
| password fallback | RADIUS password fallback |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius-server password

RADIUS password fallback

Syntax

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius-server port

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------------------|---------------------------------|
| <1-65535> | RADIUS UDP port |
| <1-65535> key <shared-secret> | |
| <1-65535> password fallback | RADIUS password fallback |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius-server secondary-host

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius-server timeout

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

radius use-management-ip

Enable Radius use-management-ip flag.

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rate-limit both

Set rate limiting for both multicast and broadcast packets

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rate-limit broadcast

Set rate limiting for broadcast packets

Syntax

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rate-limit multicast

Set rate limiting for multicast packets

Syntax

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rate-limit unit

Set rate limiting for a specified unit on port

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rear-ports mode

Sets the stacking mode

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

reload

Reload the switch/stack.

Syntax

- reload [cancel | forced | minutes-to-wait]

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

renew

Renew DHCP lease

Syntax

- `renew dhcp`

Default

None

Command mode

Privileged EXEC Mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

renumber unit

Renumbers the unit numbers in a stack

Syntax

- `renumber unit`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

restore

Reset the switch/stack to factory default

Syntax

- `restore factory-default <-y>`

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rmon alarm

Create RMON Alarm entries

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|---|
| <1-65535> <variable-name-OID> <1-2147483674> absolute rising-threshold <-2147483674 - 2147483674> <1-65535> falling-threshold <-2147483674 - 2147483674> <1-65535> | Specify the alarm variable with absolute sampling interval (in seconds) and specify the rising and the falling threshold values |
| <1-65535> <variable-name-OID> <1-2147483674> absolute rising-threshold <-2147483674 - 2147483674> <1-65535> falling-threshold <-2147483674 - 2147483674> <1-65535> owner <owner-string> | Specify the alarm variable with absolute sampling interval (in seconds) and specify the rising and the falling threshold values and specify the owner string |
| <1-65535> <variable-name-OID> <1-2147483674> delta rising-threshold <-2147483674 - 2147483674> <1-65535> falling-threshold <-2147483674 - 2147483674> <1-65535> owner <owner-string> | Specify the alarm variable with delta sampling interval (in seconds) and specify the rising and the falling threshold values |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rmon event

Create RMON Event entries

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-------------------------------------|--|
| <1-65535> | Create RMON Event entries |
| <1-65535> description <description> | Specify description of event |
| <1-65535> log | Specify events should be logged |
| <1-65535> owner <owner-string> | Specify owner string |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rmon history

Create RMON History entries

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|--|
| <1-65535> <data-source> <1-65535> <1-3600> | Create RMON History entries with the specified port number and the requested bucket |
| <1-65535> <data-source> <1-65535> <1-3600> owner <owner-string> | Create RMON History entries with the specified port number and the owner string |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

rmon stats

Create RMON Stats entries

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|---|
| <1-65535> <data-source> | Create RMON Stats entries for the specified port number |
| <1-65535> <data-source> owner <owner-string> | Create RMON Stats entries for the specified port number and specify the owner string |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

run ipoffice

Scripted CLI commands for setup with IP Office solutions

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|--|
| verbose | User input prompted CLI command script for IP Office solution setup |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

save config

Save configuration to local NV storage

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show adac detection

Display ADAC detection mechanisms

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show adac interface

Display configuration for specified interfaces

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show adac mac-range-table

Display the supported MAC address ranges

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show arp

Display ARP entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|---------------------------------------|
| summary | Display summary of ARP entries |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show arp-table

Display system ARP table

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show auto-negotiation-advertisements

Display current auto-negotiation advertisement settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show auto-negotiation-capabilities

Display auto-negotiation advertisement capabilities

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show auto-pvid

Show Auto-PVID mode

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show autosave

Display current autosave setting

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show autotopology

Display autotopology information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show banner

Display banner information

Syntax

- show banner [custom | static]

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show cli

Display password settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show clock

Display current time

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show config-network

Displays the settings for downloading config files

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show cpu-utilization

Displays the CPU utilization information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show eapol

Displays the current settings of the EAPOL protocol

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show eapol auth-diags

Displays the EAPOL diags

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show eapol auth-stats

Displays EAPOL statistics

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--|---|
| <code>interface <port-list></code> | Select interfaces to display EAPOL statistics for specified port |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show eapol guest-vlan

Displays EAPOL guest-vlan settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show eapol multihost

Displays EAPOL multi-host information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------------------|---|
| interface <port-list> | Display EAPOL multihost port configuration |
| voip-vlan | Display EAPoL multihost voip-vlan settings |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show eapol port

Displays EAPOL configuration for specified ports

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show edm help-file-path

Displays the EDM help file path

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show environmental

Displays environmental information of the switch

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show http-port

Displays the TCP port on which web server will listen

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show interfaces

Displays the interface status and configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------------------|---|
| gbic-info <port-list> | Display gbic details for specified port |
| verbose | Display port status information for several applications |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip

Displays IP-related information

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip address

Displays the IP address of switch/stack

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|---|
| source | display BOOTP/DHCP settings stack unit |
| stack | Displays stack ip address switch |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip-blocking

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip bootp

Displays bootp settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip default-gateway

Displays IP address of default gateway

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip igmp cache

Displays IGMP cache details

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip igmp group

Displays IGMP group details

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip igmp group-ext

Displays IGMP extended group details

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip igmp interface

Displays IGMP interface information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|---------------|--------------------------------|
| vlan <1-4094> | Display VLAN interfaces |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip igmp router-alert

Displays router-alert settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip igmp snooping

Displays IGMP snooping information

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ip mgmt route

Displays management VLAN information

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ipmgr

Displays IP Manager settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ipv6

Displays IPv6-related information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|----------------------|---|
| neighbor <ipv6-addr> | Display IPv6 neighbor information for specified IPv6 address |
| tcp connections | Display IPv6 tcp connections |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ipv6 address

Displays the configured ipv6 addresses

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------|---|
| stack | Display configured stack ipv6 address/prefix |
| unit <1-8> | Display configured IPv6 address/prefix of local unit |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show lacp aggr

Display LACP aggregator information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show lacp debug

Displays LACP port debug information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show lacp port

Displays LACP port information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show lacp system

Displays LACP system settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show license

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show lldp

Displays 802.1ab settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--------------------|--|
| local-sys-data med | Display Media Endpoint Devices (MED) specific TLVs |
| pdu-tlv-size | Display 802.1ab tlv's in pdu port for specified ports |
| rx-stats | Display 802.1ab RX statistics |
| stats | Display 802.1ab statistics |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show logging

Displays the contents of logging buffers

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------|--------------------|
| unit <1-8> | Unit number |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show mac-address-table

Displays forwarding database tables

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--------------|--|
| vid <1-4094> | Display mac-address-table for specified VLAN ID |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show mac-security config

Displays the stack/switch MAC security configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|------------------------------------|
| port | Display ports' MAC security |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show memory-utilization

Displays the memory utilization information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------|---|
| unit <1-8> | Display memory utilization information |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show mlt

Displays Multi-Link Trunking (MLT) configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show password security

Displays the status of password security restrictions

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show poe-main-status

Displays the PoE main configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------|--|
| unit <1-8> | Display main configuraton of an unit in stack |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show poe-port-status

Displays the PoE port configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show poe-power-measurement

Displays the port power measurement

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show port-mirroring

Displays port mirroring configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show port-statistics

Displays the port counter for a port

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos

Displays QoS configuration.

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos acl-assign

Display access-list assignments

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos action

Display the base action entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|--|
| <1-65535> | Display the specified base action entry |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos agent

Display the global QoS parameters

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos capability

Display QoS port capabilities

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-------------------------|--|
| meter | Display QoS port meter capabilities |
| shaper | Display QoS port shaper capabilities |
| shaper port <port-list> | Display QoS port shaper capabilities for specified port |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos classifier

Display the classifier entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|---|
| <1-65535> | Display the specified classifier entry |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos classifier-block

Display the classifier block entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|--|
| all | Display all user-created, default, and system entries |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos diag

Display the diagnostics entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos egressmap

Display the association between the DSCP and the 802.1p priority and drop precedence

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|-------------|
|-----------|-------------|

| | |
|--------|--|
| status | |
|--------|--|

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos if-action-extension

Display the interface action extension entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos if-assign

Display the list of interface assignments

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos if-group

Display the interface groups

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos if-shaper

Display the interface shaping parameters

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos ingressmap

Display the 802.1p priority to DSCP mapping

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos ip-acl

Display IP access-lists

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos ip-element

Display the IP classifier element entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos l2-acl

Display L2 access-lists

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos l2-element

Display the Layer2 classifier element entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos meter

Display the meter entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos policy

Display the policy entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos port

Display QoS port configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos queue-set

Display the queue set configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos queue-set-assignment

Display the association between the 802.1p priority to that of a specific queue

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos statistics

Display the statistics values

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show qos system-element

Display the system classifier element entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|------------------------------------|
| system | Display only system entries |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show radius accounting

Display the configuration of RADIUS Accounting Interim-Updates

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show radius dynamic-server

Display the configuration of RADIUS Dynamic Authorization Clients

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show radius reachability

Display RADIUS reachability settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show radius-server

Display current RADIUS server/port/key configuration.

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show radius use-management-ip

Display RADIUS use-management-ip setting

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rate-limit

Display rate-limiting settings and statistics

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rear-ports

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rmon alarm

Display RMON Alarm entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rmon ethernet history

Display RMON ethernet history data

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------------|--|
| port <port-list> | display history data for specific ports |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rmon ethernet packets

Display rmon ethernet packets according to their size

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rmon ethernet statistics

Display rmon ethernet statistics

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rmon event

Display RMON Event entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rmon history

Display RMON History entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------------|--|
| port <port-list> | Display rmon history for specific ports |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show rmon stats

Display RMON Stats entries

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show running-config

Display current configuration of system as a series of CLI commands

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|---------------------------|---|
| module | Display configuration of an application |
| module aur | Display AUR configuration |
| module core | Display Core configuration |
| module l3 | Display L3 configuration |
| module qos | Display QoS configuration |
| module rtc | Display RTC configuration |
| verbose | Display entire configuration (defaults and non-defaults) |
| verbose module dhcp-relay | Display DHCP Relay |
| verbose module eap | Display EAP configuration |
| verbose module lacp | Display LACP configuration |
| verbose module logging | Display System Logging configuration |
| verbose module qos | Display QoS configuration |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show snmp-server

Display SNMP configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show sntp

Display Simple Network Time Protocol (SNTP) configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show spanning-tree

Display Spanning Tree information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|--|
| port | Display spanning tree status of each port |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show ssh

Display SSH Information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-------------------|--|
| download-auth-key | Display auth key TFTP download info |
| global | Display general SSH settings |
| session | Display SSH session info |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show sshc

Displays the sshc status

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show stack

Displays the stacking information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------------------------|--|
| auto-unit-replacement | Display auto unit replacement configuration |
| auto-unit-replacement-image | Display auto unit image replacement configuration |
| health | Display the status of each stacking link |
| port-statistics | Display stack port counters |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show stack-info

Display stack information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show stack-monitor

Display stack-monitor configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show storm-control

Display packet storm control settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show sys-info

Display system information

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show system

Display consolidated system information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show tacacs

Display current TACACS+ server/port/key configuration.

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support**

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show tech

Show telnet active sessions

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show telnet

Display configuration of telnet access

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------------------|------------------------------------|
| <code>sessions</code> | Show telnet active sessions |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show telnet-access

Display terminal configuration parameters

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show terminal

Shows the TFTP Server IP address

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show tftp-server

Display trace information

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show vlacp

Display VLACP configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show vlan

Display VLAN configuration

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--------------------------------|--|
| configcontrol | Display VLAN control mode |
| igmp <vlan-id> | Display IGMP snoop settings |
| igmp unknown-mcast-allow-flood | Display list of multicast MAC addresses for which flooding is allowed |
| igmp unknown-mcast-no-flood | Display setting for flooding packets with unknown multicast addresses |
| interface info <port-list> | Display VLAN-related settings of ports for a specified port |
| interface vids <port-list> | Display VLAN membership of ports for a specified port |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

show web-server

Display web server status

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

shutdown (Global)

Saves configuration and shutdown the switch/stack

Syntax

- shutdown [cancel | force | minutes-to-wait]

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|------------------------------|---|
| cancel | Cancel a previous scheduled shutdown |
| force | Do not ask for confirmation |
| force minutes-to-wait <1-60> | Number of minutes to wait before reset |
| minutes-to-wait <1-60> | Number of minutes to wait before reset |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

shutdown (port)

Shutdown the selected interface

Syntax

- shutdown [cancel | force | minutes-to-wait]

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|------------------|--|
| port <port-list> | Shutdown the selected interface |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

slamon agent

Sets the SLAMon agent configuration

Syntax

- slamon agent [ip address <A.B.C.D> | port <0-65535>]

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|------------------------|--|
| comm port <0-65535> | |
| ip address<ip address> | Set the SLAMon agent IP address |
| port <0-65535> | Set the SLAMon agent UDP port |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

slamon cli

Enables the SLAMon agent CLI interface

Syntax

- `slamon cli enable`

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-----------|--|
| enable | Enable the SLAMon agent CLI interface |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

slamon cli-timeout-mode

Sets the SLAMon agent CLI session timeout mode

Syntax

- slamon cli-timeout-mode enable

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-----------|---|
| enable | Enable the SLAMon agent CLI session timeout mode |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

slamon oper-mode

Enable the SLAMon agent

Syntax

- `slamon oper-mode enable`

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-----------|--------------------------------|
| enable | Enable the SLAMon agent |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

slamon server ip address

Sets the SLAMon server IP address

Syntax

- slamon server ip address <A.B.C.D>

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|-------------------------------------|---|
| <ip address> <secondary ip address> | Set the SLAMon server IP address |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp

Modify SNMP settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|----------------------------|
| disable | Disable SNMP access |
| enable | Enable SNMP access |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp authentication-trap

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|-------------|
|-----------|-------------|

| | |
|---------|--|
| disable | |
|---------|--|

| | |
|--------|--|
| enable | |
|--------|--|

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp bootstrap

Generate SNMP bootstrap parameters

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|----------------|---|
| minimum-secure | Use minimum security configuration |
| very-secure | Use maximum security configuration |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp community

Enable SNMP; set community string and access privileges

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|--|
| <code><community-string> notify-view <view-name></code> | Enter notify (trap) access view name |
| <code><community-string> ro</code> | Read-only access with this community string |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp contact

Text for mib object sysContact

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---------------------------------------|---|
| <code><text-information></code> | identification of the contact person for this managed node |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp host

Specify hosts to receive SNMP notifications

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|--|
| <code><ipv4 or ipv6 address> port <trap-port> v1 <v1-community-string></code> | Select a non-standard SNMP trap port |
| <code><ipv4 or ipv6 address> port <trap-port> v2c <v2c-community-string></code> | Create SNMPv1 trap receiver |
| <code><ipv4 or ipv6 address> port <trap-port> v2c <v2c-community-string> inform</code> | Create SNMPv2c trap receiver |
| <code><ipv4 or ipv6 address> port <trap-port> v2c <v2c-community-string> inform retries <0-255></code> | Specify the SNMPv2c community string and Generate acknowledge Inform requests |
| <code><ipv4 or ipv6 address> port <trap-port> v2c <v2c-community-string> inform timeout <1-2147483647></code> | Timeout for inform requests (centi-seconds) |
| <code><ipv4 or ipv6 address> port <trap-port> v3 auth <v3-user-name></code> | Create SNMPv3 trap receiver |
| <code><ipv4 or ipv6 address> port <trap-port> v3 auth <v3-user-name> inform</code> | Generate unauthenticated traps |
| <code><ipv4 or ipv6 address> port <trap-port> v3 auth <v3-user-name> inform retries <0-255></code> | Retries for inform requests |
| <code><ipv4 or ipv6 address> port <trap-port> v3 auth <v3-user-name> inform timeout <1-2147483647></code> | Timeout for inform requests (centi-seconds) |
| <code><ipv4 or ipv6 address> port <trap-port> v3 no-auth <v3-user-name></code> | SNMPv3 User name |

```
<ipv4 or ipv6 address> port <trap-port> v3
no-auth <v3-user-name> inform
<ipv4 or ipv6 address> port <trap-port> v3
no-auth <v3-user-name> inform retries <0-
255>
<ipv4 or ipv6 address> port <trap-port> v3
no-auth <v3-user-name> inform timeout <1-
2147483647>
<ipv4 or ipv6 address> v1 <v1-community-
string>
<ipv4 or ipv6 address> v2c <v2c-community-
string>
<ipv4 or ipv6 address> v2c <v2c-community-
string> inform
<ipv4 or ipv6 address> v2c <v2c-community-
string> inform retries <0-255>
<ipv4 or ipv6 address> v3 auth <v3-user-
name>
<ipv4 or ipv6 address> v3 auth <v3-user-
name> inform
<ipv4 or ipv6 address> v3 auth <v3-user-
name> inform timeout <1-2147483647>
<ipv4 or ipv6 address> v3 no-auth <v3-
user-name>
<ipv4 or ipv6 address> v3 no-auth <v3-
user-name> inform
<ipv4 or ipv6 address> v3 no-auth <v3-
user-name> inform retries <0-255>
<ipv4 or ipv6 address> v3 no-auth <v3-
user-name> inform timeout <1-2147483647>
```

Generate unauthenticated traps

Retries for inform requests

Timeout for inform requests (centi-seconds)

SNMPv1 community string

SNMPv2c community string

Create SNMPv2c trap receiver

Retries for inform requests

SNMPv3 User name

Generate unauthenticated traps

Timeout for inform requests (centi-seconds)

Generate authenticated and encrypted traps

Create SNMPv2c trap receiver

Retries for inform requests

Timeout for inform requests (centi-seconds)

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp location

Text for mib object sysLocation

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---------------------------------------|--|
| <code><text-information></code> | Text for mib object sysLocation Avaya Ethernet Routing Switch 3500 Series Release 5.1 NN47203-103 Avaya Command Line Interface Commands Reference Version 01.01 February 2013 ©Avaya Inc. 2013 All Rights Reserved. Avaya.com/support |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp name

Text for mib object sysName

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---------------------------------------|--|
| <code><text-information></code> | Text for mib object sysName Avaya Ethernet Routing Switch 3500 Series Release 5.1 NN47203-103 Avaya Command Line Interface Commands Reference Version 01.01 February 2013 ©Avaya Inc. 2013 All Rights Reserved. Avaya.com/support |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp trap

Allow/disallow a specific SNMP trap

Syntax

Default

None

Command mode

Interface Configuration Mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

snmp view

Create/modify an SNMP access view

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

sntp enable

Enable SNTP

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

sntp server

Configure SNTP server addresses

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------------------------|--|
| primary address | Configure primary SNTP server |
| secondary address <ip-addr> | Configure secondary SNTP server |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

sntp sync-interval

Set SNTP re-synchronization interval

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|---|
| <0-168> | Set SNTP re-synchronization interval |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

sntp sync-now

Force immediate SNTP synchronization

Syntax

Default

None

Command mode

Global configuration mode

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree 802dot1d-port-compliance

Sets the 802dot1d port compliance mode

Syntax

-

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree bpdu-filtering

Configure spanning-tree bpdu-filtering

Syntax

-

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree cost

Set spanning-tree cost for a port

Syntax

-

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree cost-calc-mode

Sets pathcost type IEEE 802.1d or IEEE 802.1t

Syntax

-

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree forward-time

Sets the spanning tree forwarding time

Syntax

-

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree hello-time

Sets the spanning tree hello time

Syntax

-

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|-------------------------------------|
| <1-10> | Set spanning tree hello time |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree learning

Sets the learning type for port(s)

Syntax

-

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree max-age

Sets the spanning tree maximum age

Syntax

-

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree mode

Sets the spanning tree operation mode

Syntax

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree port

Specifies the port number to enable or disable spanning-tree

Syntax

-

Default

None

Command mode

Interface Configuration Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree port-mode

Sets the spanning-tree port membership mode

Syntax

-

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|--|
| auto | spanning-tree auto port membership mode |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree priority (Global)

Sets the spanning tree priority (in Hex); if 802.1T compliance, should be multiple of 0x1000

Syntax

-

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

spanning-tree priority (port)

Sets the spanning tree priority for a port (in Hex); if 802.1T compliance, should be multiple of 0x10

Syntax

-

Default

None

Command mode

Interface Configuration Mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

speed

Configure speed of a port

Syntax

-

Default

None

Command mode

Interface Configuration Mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

speed port

Select port for operation

Syntax

.

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|------------------|---|
| <port-list> 10 | Configure speed of the specified port to 10 Mbps |
| <port-list> 100 | Configure speed of the specified port to 100 Mbps |
| <port-list> 1000 | Configure speed of the specified port to 1000 Mbps (1 Gig) |
| <port-list> auto | Autonegotiates the speed for the specified port |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

© Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

sshc

Configures the SSHC settings

Syntax

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|-----------|-------------|
|-----------|-------------|

| | |
|-----------|--|
| pass-auth | |
|-----------|--|

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

stack auto-unit-replacement

Sets auto unit replacement settings

Syntax

- `stack auto-unit-replacement [config | enable]`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

stack auto-unit-replacement-image

Sets the auto unit image replacement settings

Syntax

- `stack auto-unit-replacement-image enable`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

stack forced-mode

Enables the forced stack mode

Syntax

- stack forced-mode

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

stack-monitor

Configures stack monitoring

Syntax

- `stack-monitor[enable | stack-size | trap-interval]`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|---------------------------------|
| enable | Enables stack monitoring |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

storm-control all

Configure Storm Control settings for all types of traffic

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------------------|---|
| action none | Globally sets the Storm Control action to none |
| poll-interval <5-300> | Sets the interval for watermark checking (seconds) |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

storm-control broadcast

Configure broadcast Storm Control settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|----------------------------------|--|
| action drop | Sets the Storm Control action to drop for the broadcast interface |
| action none | Sets the Storm Control action to none for the broadcast interface |
| action shutdown | Sets the Storm Control action to shutdown for the broadcast interface |
| enable | Enables storm control on the broadcast interface |
| high-watermark <10-100000000> | Set high-watermark in pps for the broadcast interface |
| low-watermark <10-100000000> | Set low-watermark in pps for the broadcast interface |
| poll-interval <5-300> | Sets the interval for watermark checking (seconds) for the broadcast interface |
| trap-interval <0-1000> | Sets the trap sending interval for the broadcast interface in poll-intervals when above high-watermark (0= do not send) |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
 NN47203-103 Avaya Command Line Interface Commands Reference
 Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

storm-control multicast

Configure multicast Storm Control settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|----------------------------------|--|
| action drop | Sets the Storm Control action to drop for the multicast interface |
| action none | Sets the Storm Control action to none for the multicast interface |
| action shutdown | Sets the Storm Control action to shutdown for the multicast interface |
| enable | Enables storm control on the multicast interface |
| high-watermark <10-100000000> | Set high-watermark in pps for the multicast interface |
| low-watermark <10-100000000> | Set low-watermark in pps for the multicast interface |
| poll-interval <5-300> | Sets the interval for watermark checking (seconds) for the multicast interface |
| trap-interval <0-1000> | Sets the trap sending interval for the multicast interface in poll-intervals when above high-watermark (0= do not send) |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

storm-control unicast

Configure unicast storm control settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|----------------------------------|--|
| action drop | Sets the Storm Control action to drop for the unicast interface |
| action none | Sets the Storm Control action to none for the unicast interface |
| action shutdown | Sets the Storm Control action to shutdown for the unicast interface |
| enable | Enables storm control on the unicast interface |
| high-watermark <10-100000000> | Set high-watermark in pps for the unicast interface |
| low-watermark <10-100000000> | Set low-watermark in pps for the unicast interface |
| poll-interval <5-300> | Sets the interval for watermark checking (seconds) for the unicast interface |
| trap-interval <0-1000> | Sets the trap sending interval for the unicast interface in poll-intervals when above high-watermark (0= do not send) |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

tacacs accounting

TACACS+ accounting tracks the user actions

Syntax

- tacacs accounting [enable | disable]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|-----------------------------------|
| disable | Disable TACACS+ accounting |
| enable | Enable TACACS+ accounting |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

tacacs authorization

TACACS+ authorization determines the user privileges

Syntax

- tacacs authorization [enable | disable |level]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|------------|--|
| enable | Enable TACACS+ authorization |
| level none | Disable TACACS+ authorization on all privilege levels |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

tacacs server

TACACS+ server's primary/secondary host, shared secret key and TCP port

Syntax

- tacacs server [host | key | port <port-list> | secondary-host]

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------------|---------------------------------------|
| port <tcp-port> | Specifies the TACACS+ TCP port |

**Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013**

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

tacacs server secondary-host

TACACS+ secondary host

Syntax

- tacacs server secondary-host <A.B.C.D>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

tacacs switch

Switch between TACACS+ privilege levels

Syntax

- tacacs switch [back | level]

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

telnet

Telnet to another host

Syntax

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

telnet-access

Configure TELNET access settings

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|---|
| enable | Enable TELNET access |
| logging | Level of logging for TELNET and CONSOLE attempts |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

terminal

Set terminal line parameters

Syntax

- terminal <length | speed | width>

Default

None

Command mode

Privileged EXEC Mode

Command parameters

| Parameter | Description |
|--|---|
| length <0-132> | Sets the number of lines on a screen |
| speed <2400, 4800, 9600, 19200 or 38400> | Sets the transmit and receive speeds |
| width <1-132> | Sets the width of the display terminal |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

tftp-server

Configure the tftp server

Syntax

- tftp-server <A.B.C.D | WORD>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

traceroute

Traces the route to a remote host

Syntax

- traceroute <Hostname | WORD>

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

username

Sets the RO/RW credentials

Syntax

- username <WORD>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--------------------------|-------------------------------------|
| <username> <password> ro | Read-only password (default) |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlacp (Global)

Modify VLACP configuration

Syntax

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---------------------------------|--|
| enable | Enables VLACP for the system |
| macaddress <multicast-mac-addr> | Sets the multicast address used for VLACPDU |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlacp (port)

Change VLACP configuration for specific port

Syntax

Default

None

Command mode

Interface Configuration Mode

Command parameters

| Parameter | Description |
|--|---|
| enable | Enable VLACP for the port(s) |
| ethertype <0x8101-0x81ff> or <33025-33279> | Set the ethertype value of VLACP |
| fast-periodic-time <400-20000> | Set the fast-periodic time interval |
| funcmac-addr <mac-addr> | Set the mac-addr to exchange VLACPDU from end-to-end perspective |
| port <port-list> | Port number on which to enable or disable VLACP |
| slow-periodic-time <10000-30000> | Sets the slow periodic time interval |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan configcontrol

Configure the VLAN control mode

Syntax

- vlan configcontrol

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan create

Create new VLAN

Syntax

- `vlan create <port number>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan delete

Delete a VLAN

Syntax

- `vlan delete <port number>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan igmp

Modify IGMP snoop settings

Syntax

- vlan igmp <1-4094>

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|--|--|
| <vlan-id> proxy disable | Disable VLAN Proxy |
| <vlan-id> proxy enable | Enable VLAN Proxy |
| <vlan-id> query-interval <1-65535> | Set the IGMP query interval robust-value |
| <vlan-id> robust-value <0-255> | Set the IGMP robust value |
| <vlan-id> snooping disable | Disable IGMP Snooping |
| <vlan-id> snooping enable | Enable IGMP Snooping |
| <vlan-id> v1-members add <port-list> | Specify IGMPv1 static port membership. |
| <vlan-id> v1-members <port-list> | Specifies the port list |
| <vlan-id> v1-members remove | Remove port members |
| <vlan-id> v2-members add <port-list> | Specify IGMPv2 static port membership. |
| <vlan-id> v2-members <port-list> | Specifies the port list |
| <vlan-id> v2-members remove | Remove port members |
| unknown-mcast-allow-flood <multicast-ip-addr> | Add multicast ip address to the list of multicast addresses for which flooding is allowed |
| unknown-mcast-allow-flood | Add multicast mac address to the list of multicast |

<multicast-mac-addr>
unknown-mcast-no-flood
disable
unknown-mcast-no-flood
enable

addresses for which flooding is allowed

Permit flooding of packets with an unknown multicast address

Stop flooding of packets with an unknown multicast address

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan igmp unknown-mcast-allow-flood

Add address to the list of multicast addresses for which flooding is allowed

Syntax

- `vlan igmp unknown-mcast-allow-flood <1-4094>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan igmp unknown-mcast-no-flood

Enable/disable flooding of packets with an unknown multicast address

Syntax

- `vlan igmp unknown-mcast-no-flood <1-4094>`

Default

None

Command mode

Global configuration mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan members

Modify VLAN port membership

Syntax

- `vlan members <add | port number | remove>`

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|---|---------------------------------|
| <code>remove <vlan-list> <port-list></code> | Remove ports from a VLAN |

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.

Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan mgmt

Set management VLAN

Syntax

- `vlan mgmt <1-4094>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan name

Change the name of a VLAN

Syntax

- vlan name <1-4094>

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

vlan ports

Modify VLAN port settings

Syntax

- `vlan ports <port number>`

Default

None

Command mode

Global configuration mode

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

web-server

Modify WEB server parameters

Syntax

- web-server

Default

None

Command mode

Global configuration mode

Command parameters

| Parameter | Description |
|-----------|----------------------------|
| disable | Disable HTTP access |

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

write memory

Write configuration to local NV storage

Syntax

- write memory

Default

None

Command mode

Privileged EXEC Mode

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

FastEthernet Interface configuration mode

[A](#) | [Back to top](#)

A

- [adac port](#)
- [adac tagged-frames-pvid](#)
- [adac tagged-frames-tagging](#)
- [adac traps enable](#)

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013
©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

FastEthernet or GigabitEthernet Interface configuration mode

| [L](#) | [M](#) | [Back to top](#)

L

- [lldp config-notification](#)
- [lldp location-identification civic-address](#)
- [lldp location-identification coordinate-base](#)
- [lldp location-identification ecs-elin](#)
- [lldp location-identification port](#)
- [lldp port](#)
- [lldp status](#)
- [lldp-tx-tlv](#)
- [lldp vendor-specific avaya](#)
- [lldp vendor-specific avaya call-server](#)
- [lldp vendor-specific avaya file-server](#)
- [lldp vendor-specific avaya poe-conservation-request-level](#)

| [L](#) | [M](#) | [Back to top](#)

M

- [mac-security auto-learning](#)

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Global configuration mode

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

A

- [adac call-server-port](#)
- [adac enable](#)
- [adac mac-range-table low-end](#)
- [adac op-mode tagged-frames](#)
- [arp](#)
- [asset-id](#)
- [auto-pvid](#)
- [autosave enable](#)
- [autotopology](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

B

- [banner](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

C

- [cli password](#)
- [cli password serial](#)
- [cli password stack](#)
- [cli password switch serial](#)
- [cli password telnet](#)
- [clock summer-time](#)
- [clock time-zone](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

D

- [default](#)
- [default http-port](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

E

- [eapol-multihost](#)
- [enable](#)

[end](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

H

- [http-port](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

I

- [interface FastEthernet](#)
- [interface vlan](#)
- [ip address](#)
- [ip arp](#)
- [ip arp-inspection](#)
- [ip arp-inspection](#)
- [ip blocking mode](#)
- [ip bootp](#)
- [ip default-gateway](#)
- [ip dhcp client lease](#)
- [ip dhcp-relay](#)
- [ip dhcp-relay fwd-path](#)
- [ip dhcp-relay max-frame](#)
- [ip dhcp-relay option82](#)
- [ip dhcp-server](#)
- [ip dhcp-server lease](#)
- [ip dhcp-server option-3](#)
- [ip dhcp-server option-6](#)
- [ip dhcp-server pool](#)
- [ip dhcp-snooping](#)
- [ip dhcp-snooping](#)
- [ip dhcp-snooping vlan](#)
- [ip directed-broadcast](#)
- [ip domain-name](#)
- [ip forward-protocol](#)
- [ip mgmt](#)
- [ipmgr snmp](#)
- [ipmgr source-ip](#)
- [ipmgr telnet](#)
- [ipmgr web](#)
- [ip name-server](#)
- [ip route](#)
- [ip routing](#)
- [ipv6 address](#)
- [ipv6 default-gateway](#)
- [ipv6 enable](#)
- [ipv6 neighbor](#)
- [ip verfiy](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

L

- [lACP system-priority](#)

[lldp med-fast-start \(Global\)](#)

- [lldp notification-interval \(Global\)](#)
- [lldp reinit-delay \(Global\)](#)
- [lldp tx-delay \(Global\)](#)
- [lldp tx-hold-multiplier \(Global\)](#)
- [lldp tx-interval \(Global\)](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

M

- [mac-address-table aging-time](#)
- [mac-security](#)
- [mac-security auto-learning sticky](#)
- [mac-security filtering](#)
- [mac-security intrusion-detect](#)
- [mac-security intrusion-timer](#)
- [mac-security learning](#)
- [mac-security learning-ports](#)
- [mac-security mac-address-table](#)
- [mac-security mac-da-filter add](#)
- [mac-security security-list](#)
- [mac-security snmp-lock](#)
- [mac-security snmp-trap](#)
- [mlt](#)
- [mlt spanning-tree](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

N

- [no adac \(Global\)](#)
- [no auto-pvid](#)
- [no autosave](#)
- [no autotopology](#)
- [no banner](#)
- [no clock](#)
- [no eapol \(Global\)](#)
- [no ip \(Global\)](#)
- [no ipmgr](#)
- [no ipv6](#)
- [no logging](#)
- [no mac-security \(Global\)](#)
- [no mlt](#)
- [no password](#)
- [no poe-trap](#)
- [no port-mirroring](#)
- [no qos \(Global\)](#)
- [no radius](#)
- [no radius-server](#)
- [no rate-limit](#)
- [no rmon](#)
- [no snmp-server](#)
- [no sntp](#)
- [no spanning-tree \(Global\)](#)
- [no stack](#)

- [no stack-monitor](#)
- [no storm-control](#)
- [no tacacs](#)
- [no telnet-access](#)
- [no tftp-server](#)
- [no vlacp \(Global\)](#)
- [no vlan](#)
- [no web-server](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

P

- [password security](#)
- [port-mirroring mode](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

Q

- [qos acl-assign](#)
- [qos acl-assign port](#)
- [qos action](#)
- [qos agent](#)
- [qos agent aq-mode](#)
- [qos agent nvram-delay](#)
- [qos classifier](#)
- [qos classifier-block](#)
- [qos egressmap](#)
- [qos if-action-extension](#)
- [qos if-assign name](#)
- [qos if-assign port](#)
- [qos if-group name](#)
- [qos ingressmap](#)
- [qos ip-acl](#)
- [qos ip-element](#)
- [qos l2-acl](#)
- [qos l2-element](#)
- [qos meter](#)
- [qos policy](#)
- [qos queue-set-assignment](#)
- [qos system-element](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

R

- [radius accounting interim-updates](#)
- [radius dynamic-server client](#)
- [radius reachability](#)
- [radius server host](#)
- [radius-server host](#)
- [radius-server key](#)
- [radius-server password](#)
- [radius-server port](#)
- [radius-server secondary-host](#)

[radius-server timeout](#)

- [radius use-management-ip](#)
- [rate-limit both](#)
- [rate-limit broadcast](#)
- [rate-limit multicast](#)
- [rate-limit unit](#)
- [rear-ports mode](#)
- [renumber unit](#)
- [rmon alarm](#)
- [rmon event](#)
- [rmon history](#)
- [rmon stats](#)
- [run ipoffice](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

S

- [snmp](#)
- [snmp authentication-trap](#)
- [snmp bootstrap](#)
- [snmp community](#)
- [snmp contact](#)
- [snmp host](#)
- [snmp location](#)
- [snmp name](#)
- [snmp view](#)
- [sntp enable](#)
- [sntp server](#)
- [sntp sync-interval](#)
- [sntp sync-now](#)
- [spanning-tree 802dot1d-port-compliance](#)
- [spanning-tree cost-calc-mode](#)
- [spanning-tree forward-time](#)
- [spanning-tree hello-time](#)
- [spanning-tree max-age](#)
- [spanning-tree mode](#)
- [spanning-tree port-mode](#)
- [spanning-tree priority \(Global\)](#)
- [stack auto-unit-replacement](#)
- [stack auto-unit-replacement-image](#)
- [stack forced-mode](#)
- [stack-monitor](#)
- [storm-control all](#)
- [storm-control broadcast](#)
- [storm-control multicast](#)
- [storm-control unicast](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

T

- [tacacs accounting](#)
- [tacacs authorization](#)
- [tacacs server](#)
- [tacacs server secondary-host](#)

- [tacacs switch](#)
- [telnet-access](#)
- [tftp-server](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

U

- [username](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

V

- [vlacp \(Global\)](#)
- [vlan configcontrol](#)
- [vlan create](#)
- [vlan delete](#)
- [vlan igmp](#)
- [vlan igmp unknown-mcast-allow-flood](#)
- [vlan igmp unknown-mcast-no-flood](#)
- [vlan members](#)
- [vlan mgmt](#)
- [vlan name](#)
- [vlan ports](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

W

- [web-server](#)

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Global configuration mode

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

A

- [adac call-server-port](#)
- [adac enable](#)
- [adac mac-range-table low-end](#)
- [adac op-mode tagged-frames](#)
- [arp](#)
- [asset-id](#)
- [auto-pvid](#)
- [autosave enable](#)
- [autotopology](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

B

- [banner](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

C

- [cli password](#)
- [cli password serial](#)
- [cli password stack](#)
- [cli password switch serial](#)
- [cli password telnet](#)
- [clock summer-time](#)
- [clock time-zone](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

D

- [default](#)
- [default http-port](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

E

- [eapol-multihost](#)
- [enable](#)

[end](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

H

- [http-port](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

I

- [interface FastEthernet](#)
- [interface vlan](#)
- [ip address](#)
- [ip arp](#)
- [ip arp-inspection](#)
- [ip arp-inspection](#)
- [ip blocking mode](#)
- [ip bootp](#)
- [ip default-gateway](#)
- [ip dhcp client lease](#)
- [ip dhcp-relay](#)
- [ip dhcp-relay fwd-path](#)
- [ip dhcp-relay max-frame](#)
- [ip dhcp-relay option82](#)
- [ip dhcp-server](#)
- [ip dhcp-server lease](#)
- [ip dhcp-server option-3](#)
- [ip dhcp-server option-6](#)
- [ip dhcp-server pool](#)
- [ip dhcp-snooping](#)
- [ip dhcp-snooping](#)
- [ip dhcp-snooping vlan](#)
- [ip directed-broadcast](#)
- [ip domain-name](#)
- [ip forward-protocol](#)
- [ip mgmt](#)
- [ipmgr snmp](#)
- [ipmgr source-ip](#)
- [ipmgr telnet](#)
- [ipmgr web](#)
- [ip name-server](#)
- [ip route](#)
- [ip routing](#)
- [ipv6 address](#)
- [ipv6 default-gateway](#)
- [ipv6 enable](#)
- [ipv6 neighbor](#)
- [ip verfiy](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

L

- [lACP system-priority](#)

[lldp med-fast-start \(Global\)](#)

- [lldp notification-interval \(Global\)](#)
- [lldp reinit-delay \(Global\)](#)
- [lldp tx-delay \(Global\)](#)
- [lldp tx-hold-multiplier \(Global\)](#)
- [lldp tx-interval \(Global\)](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

M

- [mac-address-table aging-time](#)
- [mac-security](#)
- [mac-security auto-learning sticky](#)
- [mac-security filtering](#)
- [mac-security intrusion-detect](#)
- [mac-security intrusion-timer](#)
- [mac-security learning](#)
- [mac-security learning-ports](#)
- [mac-security mac-address-table](#)
- [mac-security mac-da-filter add](#)
- [mac-security security-list](#)
- [mac-security snmp-lock](#)
- [mac-security snmp-trap](#)
- [mlt](#)
- [mlt spanning-tree](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

N

- [no adac \(Global\)](#)
- [no auto-pvid](#)
- [no autosave](#)
- [no autotopology](#)
- [no banner](#)
- [no clock](#)
- [no eapol \(Global\)](#)
- [no ip \(Global\)](#)
- [no ipmgr](#)
- [no ipv6](#)
- [no logging](#)
- [no mac-security \(Global\)](#)
- [no mlt](#)
- [no password](#)
- [no poe-trap](#)
- [no port-mirroring](#)
- [no qos \(Global\)](#)
- [no radius](#)
- [no radius-server](#)
- [no rate-limit](#)
- [no rmon](#)
- [no snmp-server](#)
- [no sntp](#)
- [no spanning-tree \(Global\)](#)
- [no stack](#)

- [no stack-monitor](#)
- [no storm-control](#)
- [no tacacs](#)
- [no telnet-access](#)
- [no tftp-server](#)
- [no vlacp \(Global\)](#)
- [no vlan](#)
- [no web-server](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

P

- [password security](#)
- [port-mirroring mode](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

Q

- [qos acl-assign](#)
- [qos acl-assign port](#)
- [qos action](#)
- [qos agent](#)
- [qos agent aq-mode](#)
- [qos agent nvram-delay](#)
- [qos classifier](#)
- [qos classifier-block](#)
- [qos egressmap](#)
- [qos if-action-extension](#)
- [qos if-assign name](#)
- [qos if-assign port](#)
- [qos if-group name](#)
- [qos ingressmap](#)
- [qos ip-acl](#)
- [qos ip-element](#)
- [qos l2-acl](#)
- [qos l2-element](#)
- [qos meter](#)
- [qos policy](#)
- [qos queue-set-assignment](#)
- [qos system-element](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

R

- [radius accounting interim-updates](#)
- [radius dynamic-server client](#)
- [radius reachability](#)
- [radius server host](#)
- [radius-server host](#)
- [radius-server key](#)
- [radius-server password](#)
- [radius-server port](#)
- [radius-server secondary-host](#)

[radius-server timeout](#)

- [radius use-management-ip](#)
- [rate-limit both](#)
- [rate-limit broadcast](#)
- [rate-limit multicast](#)
- [rate-limit unit](#)
- [rear-ports mode](#)
- [renumber unit](#)
- [rmon alarm](#)
- [rmon event](#)
- [rmon history](#)
- [rmon stats](#)
- [run ipoffice](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

S

- [snmp](#)
- [snmp authentication-trap](#)
- [snmp bootstrap](#)
- [snmp community](#)
- [snmp contact](#)
- [snmp host](#)
- [snmp location](#)
- [snmp name](#)
- [snmp view](#)
- [sntp enable](#)
- [sntp server](#)
- [sntp sync-interval](#)
- [sntp sync-now](#)
- [spanning-tree 802dot1d-port-compliance](#)
- [spanning-tree cost-calc-mode](#)
- [spanning-tree forward-time](#)
- [spanning-tree hello-time](#)
- [spanning-tree max-age](#)
- [spanning-tree mode](#)
- [spanning-tree port-mode](#)
- [spanning-tree priority \(Global\)](#)
- [stack auto-unit-replacement](#)
- [stack auto-unit-replacement-image](#)
- [stack forced-mode](#)
- [stack-monitor](#)
- [storm-control all](#)
- [storm-control broadcast](#)
- [storm-control multicast](#)
- [storm-control unicast](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

T

- [tacacs accounting](#)
- [tacacs authorization](#)
- [tacacs server](#)
- [tacacs server secondary-host](#)

- [tacacs switch](#)
- [telnet-access](#)
- [tftp-server](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

U

- [username](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

V

- [vlacp \(Global\)](#)
- [vlan configcontrol](#)
- [vlan create](#)
- [vlan delete](#)
- [vlan igmp](#)
- [vlan igmp unknown-mcast-allow-flood](#)
- [vlan igmp unknown-mcast-no-flood](#)
- [vlan members](#)
- [vlan mgmt](#)
- [vlan name](#)
- [vlan ports](#)

[A](#) | [B](#) | [C](#) | [D](#) | [E](#) | [H](#) | [I](#) | [L](#) | [M](#) | [N](#) | [P](#) | [Q](#) | [R](#) | [S](#) | [T](#) | [U](#) | [V](#) | [W](#) | [Back to top](#)

W

- [web-server](#)

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Interface configuration mode

[A](#) | [Back to top](#)

A

- [adac uplink-port](#)
- [adac voice-vlan](#)

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Interface configuration mode

[A](#) | [Back to top](#)

A

- [adac uplink-port](#)
- [adac voice-vlan](#)

Avaya Ethernet Routing Switch 3500 Series Release 5.1
NN47203-103 Avaya Command Line Interface Commands Reference
Version 01.01 February 2013

©Avaya Inc. 2013 All Rights Reserved.
Avaya.com/support

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

Privileged EXEC Mode

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

B

- [blink-leds](#)
- [boot](#)

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

C

- [clear arp-cache](#)
- [clear ip-blocking](#)
- [clear ip forward-protocol](#)
- [clear license](#)
- [clear logging](#)
- [clear mac-address-table](#)
- [clear stack port-statistics](#)
- [clear system last-exception](#)
- [configure network](#)
- [configure terminal](#)
- [copy config](#)
- [copy running-config](#)
- [copy tftp](#)

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

D

- [disable](#)
- [download address](#)
- [download diag](#)
- [download image](#)
- [download no-reset](#)

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

E

- [eapol](#)
- [eapol guest-vlan](#)

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

I

- [install](#)
- [ip igmp flush vlan](#)

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

L

- [logging](#)
- [logging level](#)
- [logging nv-level](#)
- [logging remote address](#)
- [logging remote facility](#)
- [logging remote level](#)
- [logging remote secondary-address](#)
- [logging volatile](#)

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

R

- [reload](#)
- [renew](#)
- [restore](#)

[B](#) | [C](#) | [D](#) | [E](#) | [I](#) | [L](#) | [R](#) | [S](#) | [T](#) | [W](#) | [Back to top](#)

S

- [save config](#)
- [show adac detection](#)
- [show adac interface](#)
- [show adac mac-range-table](#)
- [show arp](#)
- [show arp-table](#)
- [show auto-negotiation-advertisements](#)
- [show auto-negotiation-capabilities](#)
- [show auto-pvid](#)
- [show autosave](#)
- [show autotopology](#)
- [show banner](#)
- [show cli](#)
- [show clock](#)
- [show config-network](#)
- [show cpu-utilization](#)
- [show eapol](#)
- [show eapol auth-diags](#)
- [show eapol auth-stats](#)
- [show eapol guest-vlan](#)
- [show eapol multihost](#)
- [show eapol port](#)
- [show edm help-file-path](#)
- [show environmental](#)
- [show http-port](#)
- [show interfaces](#)
- [show ip](#)
- [show ip address](#)

- [**show ip-blocking**](#)
- [**show ip bootp**](#)
- [**show ip default-gateway**](#)
- [**show ip igmp cache**](#)
- [**show ip igmp group**](#)
- [**show ip igmp group-ext**](#)
- [**show ip igmp interface**](#)
- [**show ip igmp router-alert**](#)
- [**show ip igmp snooping**](#)
- [**show ip mgmt route**](#)
- [**show ipmgr**](#)
- [**show ipv6**](#)
- [**show ipv6 address**](#)
- [**show lacp aggr**](#)
- [**show lacp debug**](#)
- [**show lacp port**](#)
- [**show lacp system**](#)
- [**show license**](#)
- [**show lldp**](#)
- [**show logging**](#)
- [**show mac-address-table**](#)
- [**show mac-security config**](#)
- [**show memory-utilization**](#)
- [**show mlt**](#)
- [**show password security**](#)
- [**show poe-main-status**](#)
- [**show poe-port-status**](#)
- [**show poe-power-measurement**](#)
- [**show port-mirroring**](#)
- [**show port-statistics**](#)
- [**show qos**](#)
- [**show qos acl-assign**](#)
- [**show qos action**](#)
- [**show qos agent**](#)
- [**show qos capability**](#)
- [**show qos classifier**](#)
- [**show qos classifier-block**](#)
- [**show qos diag**](#)
- [**show qos egressmap**](#)
- [**show qos if-action-extension**](#)
- [**show qos if-assign**](#)
- [**show qos if-group**](#)
- [**show qos if-shaper**](#)
- [**show qos if-shaper**](#)
- [**show qos ingressmap**](#)
- [**show qos ip-acl**](#)
- [**show qos ip-element**](#)
- [**show qos l2-acl**](#)
- [**show qos l2-element**](#)
- [**show qos meter**](#)
- [**show qos policy**](#)
- [**show qos port**](#)
- [**show qos queue-set**](#)
- [**show qos queue-set-assignment**](#)

- [show qos statistics](#)
- [show qos system-element](#)
- [show radius accounting](#)
- [show radius dynamic-server](#)
- [show radius reachability](#)
- [show radius-server](#)
- [show radius use-management-ip](#)
- [show rate-limit](#)
- [show rear-ports](#)
- [show rmon alarm](#)
- [show rmon ethernet history](#)
- [show rmon ethernet packets](#)
- [show rmon ethernet statistics](#)
- [show rmon event](#)
- [show rmon history](#)
- [show rmon stats](#)
- [show running-config](#)
- [show snmp-server](#)
- [show snmp](#)
- [show spanning-tree](#)
- [show ssh](#)
- [show sshc](#)
- [show stack](#)
- [show stack-info](#)
- [show stack-monitor](#)
- [show storm-control](#)
- [show sys-info](#)
- [show system](#)
- [show tacacs](#)
- [show tech](#)
- [show telnet](#)
- [show telnet-access](#)
- [show terminal](#)
- [show tftp-server](#)
- [show vlacp](#)
- [show vlan](#)
- [show web-server](#)
- [shutdown \(Global\)](#)
- [sshc](#)

[| B | C | D | E | I | L | R | S | T | W | Back to top](#)

T

- [telnet](#)
- [terminal](#)
- [traceroute](#)

[| B | C | D | E | I | L | R | S | T | W | Back to top](#)

W

- [write memory](#)

[Home](#) | [Command modes](#) | [Alphabetical listing](#)

User EXEC mode

| [E](#) | [H](#) | [L](#) | [P](#) | [Back to top](#)

E

- [edm help-file-path](#)
- [exit](#)

| [E](#) | [H](#) | [L](#) | [P](#) | [Back to top](#)

H

- [help commands](#)

| [E](#) | [H](#) | [L](#) | [P](#) | [Back to top](#)

L

- [logout](#)

| [E](#) | [H](#) | [L](#) | [P](#) | [Back to top](#)

P

- [ping](#)