ArubaOS 6.1
Command Line Interface

eference Guide

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The ArubaOS command line interface (CLI) allows you to configure and manage your controllers. The CLI is accessible from a local console connected to the serial port on the controllers or through a Telnet or Secure Shell (SSH) session from a remote management console or workstation.

NOTE

Telnet access is disabled by default. To enable Telnet access, enter the telnet cli command from a serial connection or an SSH session, or in the WebUI navigate to the **Configuration > Management > General** page.

What's New In ArubaOS 6.1

The following commands have been added in the ArubaOS 6.1 command line interface.

Command	Description
`clear wms wired-mac`	Clear *learned* and *collected* Wired MAC information.
`cluster-member-custom-cert`	This command sets the controller as a control plane security cluster root, and specifies a custom user-installed certificate for authenticating cluster members
`cluster-member-factory-cert`	This command sets the controller as a control plane security cluster root, and specifies a custom user-installed certificate for authenticating cluster members.
`controller-ipv6`	This command sets the default IPv6 address of the controller to the IPv6 loopback interface address or a specific VLAN interface address.
`crypto-local ipsec sa-cleanup`	Issue this command to clean IPsec security associations (SAs).
`crypto-local isakmp certificate-group`	Issue this command to configure an IKE Certificate Group for VPN clients.
`crypto-local isakmp sa-cleanup`	This command enables the cleanup of IKE SAs.
`crypto-local isakmp xauth`	This command assigns the server certificate used to authenticate the controller for VPN clients using IKEv2.
`ip igmp`	Added parameters: `max-members-per-group` and `quick-client-conver`
`interface vlan ipv6 address`	This command configures the link local address or the global unicast adress for this interface.
`ipv6 cp-redirect-address`	This command configures a redirect address for captive portal.
`ipv6 default-gateway`	This command configures an IPv6 default gateway.
`ipv6 mld`	This command configures the IPv6 MLD(Multi-listener discovery) parameters.
`ipv6 neighbor`	This command configures an IPv6 static neighbor on a VLAN interface.
`ipv6 route`	This command configures static IPv6 routes on the controller.

Command	Description
`local-custom-cert`	This command configures the user-installed certificate for secure communication between a local controller and a master controller.
`local-factory-cert`	This command configures the factory-installed certificate for secure communication between a local controller and a master controller.
`netdestination6`	This command configures an alias for an IPv6 -only network host, subnetwork, or range of addresses.
`netexthdr`	This command allows you to edit the packet filter options in the extension header (EH).
`ntp authenticate`	This command enables or disables NTP authentication.
`ntp authentication-key`	This command configures a key identifier and secret key and adds them to the database. NTP authentication works with a symmetric key configured by user. The key is shared by the client (Aruba controller) and an external NTP server.
`ntp trusted-key`	This command configures an additional subset of trusted keys which can be used for NTP authentication.
`remote-node-local-factory-cert`	Configure factory certificates for secure traffic between Remote-Node-Masters and Remote-Nodes.
`show controller-ipv6`	This command displays the controller's IPv6 address and VLAN interface ID.
`show ipv6 interface`	This command displays IPv6-related information on all interfaces.
`show ipv6 neighbors`	This command displays the IPv6 neighbors configured on a VLAN interface.
`show ipv6 route`	This command displays the controller IPv6 routing table.
`show local-cert-mac`	Display the IP, MAC address and certificate configuration of local controllers in a master-local configuration.
`show netexthdr`	This command displays the IPv6 extension header (EH) types that are denied.
`show wms wired-mac`	Display a summary table of Wireless Management System (wms) wired MAC information.
`tracepath`	Traces the path of an IPv6 host.

Modified Commands

The following commands were modified in ArubaOS 6.1.

Command	Parameter Description
`aaa authentication captive-portal black-list <black-list> | white-list <white-list>`	Name of an existing black list or white list on an IPv4 or IPv6 network destination. The black list contains websites (unauthenticated) that a guest cannot access. The white list contains authenticated websites that a guest can access.
`aaa authentication-server radius source-interface <vlan>`	Associates a VLAN interface with the RADIUS server to allow the group-specific source interface to override the global configuration.
`aaa derivation-rules user <name> set {role|vlan} condition dhcp-option`	Use DHCP signature matching to assign a role or VLAN to a specific device type.

Command	Parameter Description
`aaa profile <profile> devtype-clasification`	When the devtype-classification parameter is enabled, the output of the **show user** and **show user-table** commands shows each client's device type, if that client device can be identified
`aaa profile <profile> enforce-dhcp`	When you enable this option, clients must complete a DHCP exchange to obtain an IP address.
`aaa profile <profile> radius-interim-accounting`	By default, the RADIUS accounting feature sends only start and stop messages to the RADIUS accounting server. Issue the interim-radius-accounting command to allow the controller to send Interim-Update messages with current user statistics to the server at regular intervals.
`aaa authentication via connection-profile admin-logoff-script | admin-logon-script`	Use this option to specify scripts that must be executed after VIA connection is established and terminated.
`aaa authentication via connection-profile ikev2-policy | ikev2-proto | ikev2auth | ipsecv2-cryptomap`	Use this option to enable IKEv2 authentication mechanism.
`aaa authentication via connection-profile suiteb-crypto`	Use this option to enable Suite B cryptography support.
`clear`	Clears all IPv6 session statistics, multicast listener discovery (MLD) group and member information, MLD statistics, and counters. The following MLD parameters are added to the **ipv6** option: • mld group • mld stats-counters
`cluster-root-ip ipsec-factory-cert| ipsec-custom-cert`	The **ipsec-factory-cert** and **ipsec-custom-cert** parameters were introduced to allow certificate-based authentication of cluster members.
`crypto dynamic-map set pfs group19|group20`	The **pfs** parameter was modified to support the group19 and group20 PFS group values.
`crypto ipsec transform-set <transform-set-mtu> esp-aes128-gcm |esp-aes256-gcm`	This command configures IPsec parameters. • Use ESP with 128-bit AES-GCM encryption. • Use ESP with 256-bit AES-GCM encryption.
`crypto isakmp eap-passthrough eap-mschapv2|eap-peap|eap-tls`	Select one of the following authentication types for IKEv2 user authentication using EAP.
`crypto isakmp policy authentication ecdsa-256`	Use ECDSA-256 signatures for IKE authentication.
`crypto isakmp policy authentication ecdsa-384`	Use ECDSA-384 signaturesfor IKE authentication.
`crypto isakmp policy hash sha1-96`	Use SHA1-96 as the hash algorithm.
`crypto isakmp policy hash sha2-256-128`	Use SHA2-256-128 as the hash algorithm.
`crypto isakmp policy hash sha2-384-192`	Use SHA2-384-192 as the hash algorithm.

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